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Date: June 6, 2006
Project No.: WA278-7207-1

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DEPT OF ECOLOGY

To: Mr. Jim Trotter
ConocoPhillips Company
1230 W. Washington Street, Ste.212
Tempe, AZ 85281

We have enclosed:

Copies Description

Copies	Description
1	1Q06 Groundwater Monitoring Report
	3460 First Avenue S. in Seattle, Washington
	ConocoPhillips Site No. 2787292

For your: ☒ Use/Files
☐ Approval
☐ Review
☐ Information

Sent Via: ☒ Regular Mail
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Comments: _____

Elisabeth Silver

cc: LUST Coordinator, Washington State Dept. of Ecology – Northwest Regional Office, Bellevue, WA

TBT Towing, 3460 First Avenue S, Seattle, WA
Shimon Mizrahi, Ariel Development Inc., 3100 Airport Way S, Seattle, WA

A member of: *6/13/06*
 Inogen
Environmental Alliance



**CONOCOPHILLIPS COMPANY
GROUNDWATER MONITORING REPORT**

June 6, 2006

Site No.: 2787292	Site Address: 3460 First Avenue S., Seattle, Washington
ConocoPhillips Site Manager:	Jim Trotter
ConocoPhillips Address:	1230 W. Washington Street #212, Tempe, AZ 85281
Consultant/Contact Person:	Delta Environmental Consultants, Inc. – Elisabeth Silver
Consultant Address:	4006 148 th Avenue NE, Redmond, WA 98052
Primary Agency/Regulatory ID No.:	Washington DOE Northwest Region

WORK PERFORMED THIS QUARTER [First - 2006]

- Measured depth to water in Monitoring Wells MW-1, MW-6 through MW-9, and MW-12 through MW-15 on March 3, 2006.
- Purged and sampled groundwater from Monitoring Wells MW-1, MW-6 through MW-9, and MW-12 through MW-15 on March 3, 2006.
- 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 [Second - 2006]

- Next quarterly sampling event is scheduled for June 2006.
- Analyze 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 BTEX using EPA Method 8260B.
- Evaluate closure options for the site.

SUMMARY

Frequency of Sampling Events:	Quarterly (Quarterly, etc.)
Approximate Depth to Groundwater:	4.95 – 8.81 (Measured Feet)
Groundwater Gradient:	Radially from east corner of site (Direction)
	0.0017 to 0.040 (ft/ft)
Maximum Benzene Concentration:	3.0 (MW-12) (µg/L)
Measurable Free Product Detected:	None (Yes - ID well(s)/No)
Free Product Recovered This Quarter:	None (gallons)
Cumulative Free Product Recovered to Date:	170 gallons via vapor phase (gallons)
Water Wells or Surface Waters w/in a 2000'	None
Radius and Respective Direction:	(Distance and Direction)
Current Remedial Action:	None (SVE/AS/P&T/DVE/ Product Removal/Bio/etc.)
Permits for Discharge:	PSCAA No. 8121 (NPDES, POTW, etc.)



CONOCOPHILLIPS COMPANY GROUNDWATER MONITORING REPORT

June 6, 2006

Site No.: 2787292	Site Address: 3460 First Avenue S., Seattle, Washington
ConocoPhillips Site Manager:	Jim Trotter
ConocoPhillips Address:	1230 W. Washington Street #212, Tempe, AZ 85281
Consultant/Contact Person:	Delta Environmental Consultants, Inc. – Elisabeth Silver
Consultant Address:	4006 148 th Avenue NE, Redmond, WA 98052
Primary Agency/Regulatory ID No.:	Washington DOE Northwest Region

DISCUSSION

- MW-15
- 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-12 and MW-15 at 520 µg/L and 900 µg/L, respectively. TPH-D was detected below the MTCA Method A cleanup level in monitoring wells MW-1, MW-7 through MW-9, MW-13, and MW-14 at concentrations of 300 µg/L, 250 µg/L, 160 µg/L, 480 µg/L, 130 µg/L, and 93 µg/L, respectively.
 - TPH-O was detected above the MTCA Method A cleanup level in the groundwater samples collected from Wells MW-7, MW-8, and MW-15 at concentrations of 650 µg/L, 510 µg/L, and 2,900 µg/L respectively. According to the laboratory analytical report, the observed sample pattern in these samples includes #2 fuel/diesel and an additional pattern which elutes later in the DRO range. Due to the nature of the sample matrix, the laboratory used a reduced aliquot for the analysis, and raised the reporting limits accordingly. TPH-O was detected below the MTCA Method A cleanup level in the groundwater samples collected from Wells MW-1, MW-6, MW-9, MW-12, MW-13, and MW-14 at concentrations of 270 µg/L, 250 µg/L, 260 µg/L, 230 µg/L, 310 µg/L, and 230 µg/L, respectively.
 - Benzene was detected below the MTCA Method A cleanup level in the groundwater sample collected from Well MW-12 at a concentration of 3.0 µg/L. Benzene was not detected above the laboratory reporting limit in any of the other samples.
 - Toluene, ethylbenzene and total xylenes were not detected above the laboratory reporting limit in any of the groundwater samples collected for analysis.
 - TPH-D and TPH-O were detected at higher concentrations than the previous quarterly sampling event in the groundwater sample collected from Well MW-15.
 - Based on measured groundwater elevations, site groundwater flows radially from the eastern part of the site.
 - Purge water generated during sampling was stored in a drum on-site for subsequent transport to an approved water treatment facility for disposal.

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.



CONOCOPHILLIPS COMPANY
GROUNDWATER MONITORING REPORT

June 6, 2006

Site No.: <u>2787292</u>	Site Address: <u>3460 First Avenue S., Seattle, Washington</u>
ConocoPhillips Site Manager:	<u>Jim Trotter</u>
ConocoPhillips Address:	<u>1230 W. Washington Street #212, Tempe, AZ 85281</u>
Consultant/Contact Person:	<u>Delta Environmental Consultants, Inc. – Elisabeth Silver</u>
Consultant Address:	<u>4006 148th Avenue NE, Redmond, WA 98052</u>
Primary Agency/Regulatory ID No.:	<u>Washington DOE Northwest Region</u>

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 for

Brian Hogenson
Field Technician

Elisabeth Silver

Elisabeth Silver, L.G.
Project Manager



ELISABETH S. SILVER

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	2,180 ³	2,360 ³	<1	<1	<1	<2	2.0	6.58	0.00	92.94
	09/27/05	<48	1,200 ^x	1,200 ⁴	<0.5	<0.5	<0.5	<0.5	2.5	7.55	0.00	91.97
	12/16/05	<48	510	290 ⁴	<0.5	<0.7	<0.8	<0.8	1.0	6.99	0.00	92.53
	03/03/06	<48	300	270	<0.5	<0.7	<0.8	<0.8	1.5	5.24	0.00	94.28

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
	09/27/05	<48	970 ⁴	1,000 ^{4,5}	<0.5	<0.5	<0.5	<0.5	2.0	8.39	0.00	91.28
	12/16/05	<48	130 ⁷	140 ⁷	<0.5	<0.7	<0.8	<0.8	1.5	7.90	0.00	91.77
	03/03/06	<48	<78	250	<0.5	<0.7	<0.8	<0.8	3.4	6.39	0.00	93.28

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)
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
	09/27/05 X	<48	1100	2,800 ^{4,5}	<0.5	<0.5	<0.5	<0.5	3.5	7.15	0.00	91.35
	12/16/05	<48	160	300 ⁷	<0.5	<0.7	<0.8	<0.8	1.5	6.57	0.00	91.93
	03/03/06	<48	250	650 ⁴	<0.5	<0.7	<0.8	<0.8	4.5	4.95	0.00	93.55

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
	09/27/05	<48	3800	7,200 ^{4,5}	<0.5	<0.5	<0.5	<0.5	3.0	9.08	0.00	89.88
	12/13/05	<48	87	<100 ⁸	<0.5	<0.7	<0.8	<0.8	2.0	8.67	0.00	90.29
	3/3/2006	<48	160	510 ⁴	<0.5	<0.7	<0.8	<0.8	2.9	7.40	0.00	91.56

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)
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
	09/27/05	<48	1100	610 ^{4,5}	<0.5	<0.5	<0.5	<0.5	2.0	7.68	0.00	90.98
	12/16/05	<48	480	240 ⁴	<0.5	<0.7	<0.8	<0.8	2.0	7.17	0.00	91.49
	03/03/06	<48	480	260	<0.5	<0.7	<0.8	<0.8	1.2	5.19	0.00	93.47

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	13.2	--	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	--	94.54
	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	--	--
	09/27/05	--	--	--	--	--	--	--	--	NM	--	--
	12/13/05	--	--	--	--	--	--	--	--	NM	--	--
	3/3/2006	--	--	--	--	--	--	--	--	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	--	--
	09/27/05	--	--	--	--	--	--	--	--	NM	--	--
	12/13/05	--	--	--	--	--	--	--	--	NM	--	--
	03/03/06	--	--	--	--	--	--	--	--	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
	09/27/05	<48	490	330 ⁴	2.0	<0.5	<0.5	<0.5	1.5	8.90	0.00	91.42
	12/16/05	<48	640	450 ⁴	3.0	<0.7	<0.8	<0.8	1.0	8.44	0.00	91.88
	03/03/06	<48	520	230	3.0	<0.7	<0.8	<0.8	1.7	6.95	0.00	93.37

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-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
	09/27/05	<48	280	160 ⁴	<0.5	<0.5	<0.5	<0.5	1.0	10.11	0.00	90.13
	12/13/05	<48	170	110 ⁴	<0.5	<0.7	<0.8	<0.8	2.0	9.89	0.00	90.35
	03/03/06	<48	130	310	<0.5	<0.7	<0.8	<0.8	1.3	8.81	0.00	91.43

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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
	09/27/05	<48	230	220 ⁴	<0.5	<0.5	<0.5	<0.5	2.0	9.79	0.00	90.15
	12/13/05	<48	87	110 ⁸	<0.5	<0.7	<0.8	<0.8	2.5	9.56	0.00	90.38
	03/03/06	<48	93	230	<0.5	<0.7	<0.8	<0.8	2.2	8.37	0.00	91.57

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)
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
	09/27/05	<48	450	420 ⁴	<0.5	<0.5	<0.5	<0.5	NM	8.23	0.00	91.06
	12/13/05	<48	270	300 ⁷	<0.5	<0.7	<0.8	<0.8	1.0	8.23	0.00	91.06
	03/03/06	<48	900 ^{4,9}	2900 ^{4,9}	<0.5	<0.7	<0.8	<0.8	1.8	6.88	0.00	92.41
MTCA Method A Cleanup Levels:		800⁶	500	500	5	1000	700	1000	-	-	-	-

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)	Ethylbenzene (µg/L)	Xylenes (µg/L)	DO (mg/L)	DTW (feet)	SPH (feet)	GWE (feet)
TOC												

Notes:

µg/L = micrograms per liter
 mg/L = milligrams 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 Laboratory indicates that the observed sample pattern includes #2 fuel/diesel and an additional pattern which elutes later in the DRO range.

⁵ Laboratory indicates that due to the nature of the sample matrix, a reduced aliquot was used for analysis, and the reporting limits were raised accordingly.

⁶ MTCA Method A Cleanup Level for TPH-Gasoline is 1,000 µg/L if benzene is not detectable in groundwater.

⁷ The observed sample pattern is not typical of #2 fuel/diesel. It elutes in the DRO range later than #2 fuel.

⁸ The observed sample pattern is not typical of #2 fuel/diesel. The reported result is due to an individual peak(s) eluting in the DRO range.

⁹ Insufficient sample size. The values reported represent the lowest reporting limits obtainable.

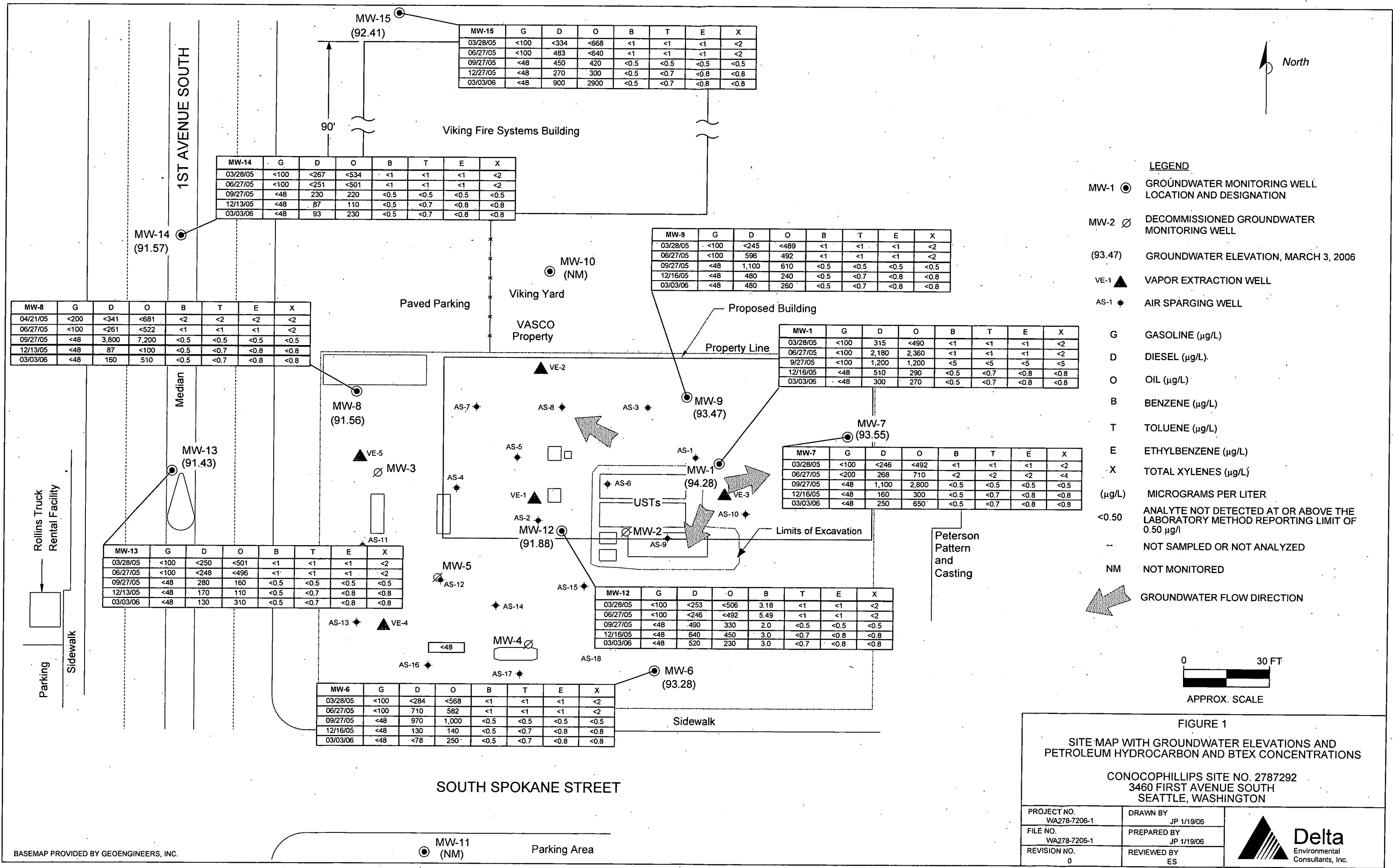


FIGURE 1

SITE MAP WITH GROUNDWATER ELEVATIONS AND PETROLEUM HYDROCARBON AND BTEX CONCENTRATIONS

CONOCOPHILLIPS SITE NO. 2787292
3460 FIRST AVENUE SOUTH
SEATTLE, WASHINGTON

PROJECT NO. WA278-7206-1	DRAWN BY JP 1/19/06
FILE NO. WA278-7206-1	PREPARED BY JP 1/19/06
REVISION NO. 0	REVIEWED BY ES

Delta
Environmental
Consultants, Inc.

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

Quarterly Groundwater Sampling
ConocoPhillips Site No. 2787292



2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Analysis Report

ANALYTICAL RESULTS

Prepared for:

ConocoPhillips
19909 120th Avenue NE
Suite 101
Bothell WA 98011

206-706-2341

Prepared by:

Lancaster Laboratories
2425 New Holland Pike
Lancaster, PA 17605-2425

SAMPLE GROUP

The sample group for this submittal is 980683. Samples arrived at the laboratory on Wednesday, March 08, 2006. The PO# for this group is 2845DEL007 and the release number is ECKERT.

Client Description

MW-1 Grab Water Sample
MW-6 Grab Water Sample
MW-7 Grab Water Sample
MW-8 Grab Water Sample
MW-9 Grab Water Sample
MW-12 Grab Water Sample
MW-13 Grab Water Sample
MW-14 Grab Water Sample
MW-15 Grab Water Sample
Trip Blank Water Sample

Lancaster Labs Number

4723345
4723346
4723347
4723348
4723349
4723350
4723351
4723352
4723353
4723354

1 COPY TO Delta Environmental
ELECTRONIC Delta Environmental
COPY TO

Attn: Laura Brock
Attn: Elizabeth Silver



Analysis Report

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Questions? Contact your Client Services Representative
Teresa L. Cunningham at (717) 656-2300

Respectfully Submitted,

A handwritten signature in black ink, appearing to read "Elizabeth A. Smith".

Elizabeth A. Smith
Senior Specialist



Analysis Report

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Lancaster Laboratories Sample No. WW 4723345

MW-1 Grab Water Sample
Site# 2845 (2787292)
3460 First Ave. S-Seattle, WA
Collected: 03/03/2006 12:50 by AF

Account Number: 11856

Submitted: 03/08/2006 09:00
Reported: 04/10/2006 at 16:47
Discard: 05/11/2006

ConocoPhillips
19909 120th Avenue NE
Suite 101
Bothell WA 98011

FIRM1

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
02211	TPH by NWTPH-Dx(water) w/SiGel					
02095	Diesel Range Organics	n.a.	300.	78.	ug/l	1
02096	Heavy Range Organics	n.a.	270.	98.	ug/l	1
08273	TPH by NWTPH-Gx waters					
01645	TPH by NWTPH-Gx waters	n.a.	N.D.	48.	ug/l	1
02300	UST-Unleaded Waters by 8260B					
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.8	ug/l	1

State of Washington Lab Certification No. C259

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
02211	TPH by NWTPH-Dx(water) w/SiGel	ECY 97-602 NWTPH-Dx modified	1	03/15/2006 06:45	Matthew E Barton	1
08273	TPH by NWTPH-Gx waters	ECY 97-602 NWTPH-Gx modified	1	03/11/2006 00:01	Steven A Skiles	1
02300	UST-Unleaded Waters by 8260B	SW-846 8260B	1	03/15/2006 09:33	Anita M Dale	1
01146	GC VOA Water Prep	SW-846 5030B	1	03/11/2006 00:01	Steven A Skiles	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	03/15/2006 09:33	Anita M Dale	1
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	03/08/2006 10:00	Sarah B Pennell	1



Analysis Report

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Lancaster Laboratories Sample No. WW 4723346

MW-6 Grab Water Sample

Site# 2845 (2787292)

3460 First Ave. S-Seattle, WA

Collected: 03/03/2006 12:00

by AF

Account Number: 11856

Submitted: 03/08/2006 09:00

Reported: 04/10/2006 at 16:47

Discard: 05/11/2006

ConocoPhillips

19909 120th Avenue NE

Suite 101

Bothell WA 98011

FIRM6

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method	Units	Dilution Factor
				Detection Limit		
02211	TPH by NWTPH-Dx(water) w/SiGel					
02095	Diesel Range Organics	n.a.	N.D.	78.	ug/l	1
02096	Heavy Range Organics	n.a.	250.	98.	ug/l	1
08273	TPH by NWTPH-Gx waters					
01645	TPH by NWTPH-Gx waters	n.a.	N.D.	48.	ug/l	1
02300	UST-Unleaded Waters by 8260B					
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.8	ug/l	1

State of Washington Lab Certification No. C259

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis	Analyst	Dilution Factor
				Date and Time		
02211	TPH by NWTPH-Dx(water) w/SiGel	ECY 97-602 NWTPH-Dx modified	1	03/15/2006 03:35	Matthew E Barton	1
08273	TPH by NWTPH-Gx waters	ECY 97-602 NWTPH-Gx modified	1	03/11/2006 00:34	Steven A Skiles	1
02300	UST-Unleaded Waters by 8260B	SW-846 8260B	1	03/15/2006 10:02	Anita M Dale	1
01146	GC VOA Water Prep	SW-846 5030B	1	03/11/2006 00:34	Steven A Skiles	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	03/15/2006 10:02	Anita M Dale	1
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	03/08/2006 10:00	Sarah B Pennell	1



Analysis Report

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Lancaster Laboratories Sample No. WW 4723347

MW-7 Grab Water Sample
Site# 2845 (2787292)
3460 First Ave. S-Seattle, WA
Collected: 03/03/2006 13:10

by AF

Account Number: 11856

Submitted: 03/08/2006 09:00
Reported: 04/10/2006 at 16:47
Discard: 05/11/2006

ConocoPhillips
19909 120th Avenue NE
Suite 101
Bothell WA 98011

FIRM7

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method	Units	Dilution Factor
				Detection Limit		
02211	TPH by NWTPH-Dx(water) w/SiGel					
02095	Diesel Range Organics	n.a.	250.	79.	ug/l	1
02096	Heavy Range Organics	n.a.	650.	98.	ug/l	1
	The observed sample pattern is not typical of #2 fuel/diesel. It elutes in the DRO range later than #2 fuel.					
08273	TPH by NWTPH-Gx waters					
01645	TPH by NWTPH-Gx waters	n.a.	N.D.	48.	ug/l	1
02300	UST-Unleaded Waters by 8260B					
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.8	ug/l	1

State of Washington Lab Certification No. C259

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis	Analyst	Dilution Factor
				Date and Time		
02211	TPH by NWTPH-Dx(water) w/SiGel	ECY 97-602 NWTPH-Dx modified	1	03/15/2006 07:09	Matthew E Barton	1
08273	TPH by NWTPH-Gx waters	ECY 97-602 NWTPH-Gx modified	1	03/11/2006 01:06	Steven A Skiles	1
02300	UST-Unleaded Waters by 8260B	SW-846 8260B	1	03/15/2006 10:29	Anita M Dale	1
01146	GC VOA Water Prep	SW-846 5030B	1	03/11/2006 01:06	Steven A Skiles	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	03/15/2006 10:29	Anita M Dale	1
02135	Extraction,- DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	03/08/2006 10:00	Sarah B Pennell	1



Analysis Report

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Lancaster Laboratories Sample No. WW 4723348

MW-8 Grab Water Sample
Site# 2845 (2787292)
3460 First Ave. S-Seattle, WA
Collected: 03/03/2006 14:45 by AF

Account Number: 11856

Submitted: 03/08/2006 09:00
Reported: 04/10/2006 at 16:47
Discard: 05/11/2006

ConocoPhillips
19909 120th Avenue NE
Suite 101
Bothell WA 98011

FIRM8

CAT No.	Analysis Name	CAS Number	As Received	As Received	Units	Dilution Factor
			Result	Method Detection Limit		
02211	TPH by NWTPH-Dx(water) w/SiGel					
02095	Diesel Range Organics	n.a.	160.	77.	ug/l	1
02096	Heavy Range Organics	n.a.	510.	96.	ug/l	1
	The observed sample pattern is not typical of #2 fuel/diesel. It elutes in the DRO range later than #2 fuel.					
08273	TPH by NWTPH-Gx waters					
01645	TPH by NWTPH-Gx waters	n.a.	N.D.	48.	ug/l	1
02300	UST-Unleaded Waters by 8260B					
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.8	ug/l	1

State of Washington Lab Certification No. C259

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
02211	TPH by NWTPH-Dx(water) w/SiGel	ECY 97-602 NWTPH-Dx modified	1	03/15/2006 03:59	Matthew E Barton	1
08273	TPH by NWTPH-Gx waters	ECY 97-602 NWTPH-Gx modified	1	03/11/2006 01:39	Steven A Skiles	1
02300	UST-Unleaded Waters by 8260B	SW-846 8260B	1	03/15/2006 10:56	Anita M Dale	1
01146	GC VOA Water Prep	SW-846 5030B	1	03/11/2006 01:39	Steven A Skiles	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	03/15/2006 10:56	Anita M Dale	1
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	03/08/2006 10:00	Sarah B Pennell	1



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Lancaster Laboratories Sample No. WW 4723349

MW-9 Grab Water Sample
Site# 2845 (2787292)
3460 First Ave. S-Seattle, WA
Collected: 03/03/2006 13:45

by AF

Account Number: 11856

Submitted: 03/08/2006 09:00
Reported: 04/10/2006 at 16:47
Discard: 05/11/2006

ConocoPhillips
19909 120th Avenue NE
Suite 101
Bothell WA 98011

FIRM9

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
02211	TPH by NWTPH-Dx(water) w/SiGel					
02095	Diesel Range Organics	n.a.	480.	83.	ug/l	1
02096	Heavy Range Organics	n.a.	260.	100.	ug/l	1
08273	TPH by NWTPH-Gx waters					
01645	TPH by NWTPH-Gx waters	n.a.	N.D.	48.	ug/l	1
02300	UST-Unleaded Waters by 8260B					
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.8	ug/l	1

State of Washington Lab Certification No. C259

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
02211	TPH by NWTPH-Dx(water) w/SiGel	ECY 97-602 NWTPH-Dx modified	1	03/15/2006 04:22	Matthew E Barton	1
08273	TPH by NWTPH-Gx waters	ECY 97-602 NWTPH-Gx modified	1	03/11/2006 02:11	Steven A Skiles	1
02300	UST-Unleaded Waters by 8260B	SW-846 8260B	1	03/15/2006 11:23	Anita M Dale	1
01146	GC VOA Water Prep	SW-846 5030B	1	03/11/2006 02:11	Steven A Skiles	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	03/15/2006 11:23	Anita M Dale	1
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	03/08/2006 10:00	Sarah B Pennell	1



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Lancaster Laboratories Sample No. WW 4723350

MW-12 Grab Water Sample

Site# 2845 (2787292)

3460 First Ave. S-Seattle, WA

Collected: 03/03/2006 13:50 by AF

Account Number: 11856

Submitted: 03/08/2006 09:00

Reported: 04/10/2006 at 16:47

Discard: 05/11/2006

ConocoPhillips
19909 120th Avenue NE
Suite 101
Bothell WA 98011

FIR12

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method	Units	Dilution Factor
				Detection Limit		
02211	TPH by NWTPH-Dx(water) w/SiGel					
02095	Diesel Range Organics	n.a.	520.	79.	ug/l	1
02096	Heavy Range Organics	n.a.	230.	98.	ug/l	1
08273	TPH by NWTPH-Gx waters					
01645	TPH by NWTPH-Gx waters	n.a.	N.D.	48.	ug/l	1
02300	UST-Unleaded Waters by 8260B					
05401	Benzene	71-43-2	3.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.8	ug/l	1

State of Washington Lab Certification No. C259

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
02211	TPH by NWTPH-Dx(water) w/SiGel	ECY 97-602 NWTPH-Dx modified	1	03/15/2006 04:46	Matthew E Barton	1
08273	TPH by NWTPH-Gx waters	ECY 97-602 NWTPH-Gx modified	1	03/11/2006 23:10	Steven A Skiles	1
02300	UST-Unleaded Waters by 8260B	SW-846 8260B	1	03/15/2006 11:49	Anita M Dale	1
01146	GC VOA Water Prep	SW-846 5030B	1	03/11/2006 23:10	Steven A Skiles	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	03/15/2006 11:49	Anita M Dale	1
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	03/08/2006 10:00	Sarah B Pennell	1



Analysis Report

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Lancaster Laboratories Sample No. WW 4723351

MW-13 Grab Water Sample
Site# 2845 (2787292)
3460 First Ave. S-Seattle, WA
Collected: 03/03/2006 11:00

by AF

Account Number: 11856

Submitted: 03/08/2006 09:00
Reported: 04/10/2006 at 16:47
Discard: 05/11/2006

ConocoPhillips
19909 120th Avenue NE
Suite 101
Bothell WA 98011

FIR13

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method	Units	Dilution Factor
				Detection Limit		
02211	TPH by NWTPH-Dx(water) w/SiGel					
02095	Diesel Range Organics	n.a.	130.	83.	ug/l	1
02096	Heavy Range Organics	n.a.	310.	100.	ug/l	1
08273	TPH by NWTPH-Gx waters					
01645	TPH by NWTPH-Gx waters	n.a.	N.D.	48.	ug/l	1
02300	UST-Unleaded Waters by 8260B					
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.8	ug/l	1

State of Washington Lab Certification No. C259

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
02211	TPH by NWTPH-Dx(water) w/SiGel	ECY 97-602 NWTPH-Dx modified	1	03/15/2006 05:10	Matthew E Barton	1
08273	TPH by NWTPH-Gx waters	ECY 97-602 NWTPH-Gx modified	1	03/11/2006 03:17	Steven A Skiles	1
02300	UST-Unleaded Waters by 8260B	SW-846 8260B	1	03/15/2006 13:10	Anita M Dale	1
01146	GC VOA Water Prep	SW-846 5030B	1	03/11/2006 03:17	Steven A Skiles	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	03/15/2006 13:10	Anita M Dale	1
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	03/08/2006 10:00	Sarah B Pennell	1



Analysis Report

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Lancaster Laboratories Sample No. WW 4723352

MW-14 Grab Water Sample

Site# 2845 (2787292)

3460 First Ave. S-Seattle, WA

Collected: 03/03/2006 10:50 by AF

Account Number: 11856

Submitted: 03/08/2006 09:00

Reported: 04/10/2006 at 16:47

Discard: 05/11/2006

ConocoPhillips
19909 120th Avenue NE
Suite 101
Bothell WA 98011

FIR14

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method	Units	Dilution Factor
				Detection Limit		
02211	TPH by NWTPH-Dx(water) w/SiGel					
02095	Diesel Range Organics	n.a.	93.	79.	ug/l	1
02096	Heavy Range Organics	n.a.	230.	98.	ug/l	1
08273	TPH by NWTPH-Gx waters					
01645	TPH by NWTPH-Gx waters	n.a.	N.D.	48.	ug/l	1
02300	UST-Unleaded Waters by 8260B					
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.8	ug/l	1

State of Washington Lab Certification No. C259

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
02211	TPH by NWTPH-Dx(water) w/SiGel	ECY 97-602 NWTPH-Dx modified	1	03/15/2006 05:34	Matthew E Barton	1
08273	TPH by NWTPH-Gx waters	ECY 97-602 NWTPH-Gx modified	1	03/11/2006 03:49	Steven A Skiles	1
02300	UST-Unleaded Waters by 8260B	SW-846 8260B	1	03/15/2006 13:37	Anita M Dale	1
01146	GC VOA Water Prep	SW-846 5030B	1	03/11/2006 03:49	Steven A Skiles	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	03/15/2006 13:37	Anita M Dale	1
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	03/08/2006 10:00	Sarah B Pennell	1



Analysis Report

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Lancaster Laboratories Sample No. WW 4723353

MW-15 Grab Water Sample
Site# 2845 (2787292)
3460 First Ave. S-Seattle, WA
Collected: 03/03/2006 15:00 by AF

Account Number: 11856

Submitted: 03/08/2006 09:00
Reported: 04/10/2006 at 16:47
Discard: 05/11/2006

ConocoPhillips
19909 120th Avenue NE
Suite 101
Bothell WA 98011

FIR15

CAT No.	Analysis Name	CAS Number	As Received	As Received	Units	Dilution Factor
			Result	Method Detection Limit		
02211	TPH by NWTPH-Dx(water) w/SiGel					
02095	Diesel Range Organics	n.a.	900.	270.	ug/l	2
02096	Heavy Range Organics	n.a.	2,900.	340.	ug/l	2
	Due to insufficient sample size, we were unable to report our usual reporting limits. The values reported represent the lowest reporting limits obtainable.					
	The observed sample pattern is not typical of #2 fuel/diesel. It elutes in the DRO range later than #2 fuel.					
08273	TPH by NWTPH-Gx waters					
01645	TPH by NWTPH-Gx waters	n.a.	N.D.	48.	ug/l	1
02300	UST-Unleaded Waters by 8260B					
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.8	ug/l	1

State of Washington Lab Certification No. C259

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
02211	TPH by NWTPH-Dx(water) w/SiGel	ECY 97-602 NWTPH-Dx modified	1	03/15/2006 18:19	Matthew E Barton	2
08273	TPH by NWTPH-Gx waters	ECY 97-602 NWTPH-Gx modified	1	03/11/2006 23:42	Steven A Skiles	1
02300	UST-Unleaded Waters by 8260B	SW-846 8260B	1	03/15/2006 14:04	Anita M Dale	1
01146	GC VOA Water Prep	SW-846 5030B	1	03/11/2006 23:42	Steven A Skiles	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	03/15/2006 14:04	Anita M Dale	1
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	03/08/2006 10:00	Sarah B Pennell	1



Analysis Report

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Lancaster Laboratories Sample No. WW 4723353

MW-15 Grab Water Sample
Site# 2845 (2787292)
3460 First Ave. S-Seattle, WA
Collected: 03/03/2006 15:00

by AF

Account Number: 11856

Submitted: 03/08/2006 09:00
Reported: 04/10/2006 at 16:47
Discard: 05/11/2006

ConocoPhillips
19909 120th Avenue NE
Suite 101
Bothell WA 98011

FIR15



Analysis Report

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Lancaster Laboratories Sample No. WW 4723354

Trip Blank Water Sample
Site# 2845 (2787292)
3460 First Ave. S-Seattle, WA
Collected: n.a.

Account Number: 11856

Submitted: 03/08/2006 09:00
Reported: 04/10/2006 at 16:47
Discard: 05/11/2006

ConocoPhillips
19909 120th Avenue NE
Suite 101
Bothell WA 98011

FIRTB

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Units	Dilution Factor
				Method	Detection Limit		
02300	UST-Unleaded Waters by 8260B						
05401	Benzene	71-43-2	N.D.	0.5		ug/l	1
05407	Toluene	108-88-3	N.D.	0.7		ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8		ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.8		ug/l	1

State of Washington Lab Certification No. C259

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
02300	UST-Unleaded Waters by 8260B	SW-846 8260B	1	03/15/2006 14:31	Anita M Dale	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	03/15/2006 14:31	Anita M Dale	1



Analysis Report

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Quality Control Summary

Client Name: ConocoPhillips
Reported: 04/10/06 at 04:47 PM

Group Number: 980683

Matrix QC may not be reported if site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: 060680002A	Sample number(s): 4723345-4723353							
Diesel Range Organics	N.D.	0.080	mg/l	89	85	51-113	4	20
Heavy Range Organics	N.D.	0.10	mg/l					
Batch number: 06070A07A	Sample number(s): 4723345-4723349, 4723351-4723352							
TPH by NWTPH-Gx waters	N.D.	48.	ug/l	99	97	70-130	2	30
Batch number: 06070A07B	Sample number(s): 4723350, 4723353							
TPH by NWTPH-Gx waters	N.D.	48.	ug/l	99	97	70-130	2	30
Batch number: P060742AA	Sample number(s): 4723345-4723354							
Benzene	N.D.	0.5	ug/l	98		85-117		
Toluene	N.D.	0.7	ug/l	99		85-115		
Ethylbenzene	N.D.	0.8	ug/l	98		82-119		
Xylene (Total)	N.D.	0.8	ug/l	98		83-113		

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike
Background (BKG) = the sample used in conjunction with the duplicate

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	BKG MAX	DUP CONC	DUP RPD	Dup RPD Max
Batch number: 06070A07A	Sample number(s): 4723345-4723349, 4723351-4723352 UNSPK: 4723346							
TPH by NWTPH-Gx waters	100		63-154					
Batch number: 06070A07B	Sample number(s): 4723350, 4723353 UNSPK: P723346							
TPH by NWTPH-Gx waters	100		63-154					
Batch number: P060742AA	Sample number(s): 4723345-4723354 UNSPK: 4723350							
Benzene	100	96	83-128	4	30			
Toluene	97	94	83-127	3	30			
Ethylbenzene	98	96	82-129	2	30			
Xylene (Total)	92	91	82-130	1	30			

Surrogate Quality Control

Surrogate recoveries which are outside of the QC window are confirmed unless attributed to dilution or otherwise noted on the Analysis Report.

Analysis Name: TPH by NWTPH-Dx(water) w/SiGel
Batch number: 060680002A

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The background result was more than four times the spike added.

Quality Control Summary

Client Name: ConocoPhillips
Reported: 04/10/06 at 04:47 PM

Group Number: 980683

Surrogate Quality Control

Orthoterphenyl

4723345	99
4723346	87
4723347	88
4723348	63
4723349	97
4723350	88
4723351	86
4723352	92
4723353	92
Blank	96
LCS	117
LCSD	111

Limits: 52-141

Analysis Name: TPH by NWTPH-Gx waters
Batch number: 06070A07A
Trifluorotoluene-F

4723345	105
4723346	105
4723347	106
4723348	105
4723349	105
4723351	105
4723352	104
Blank	107
LCS	114
LCSD	113
MS	113

Limits: 63-135

Analysis Name: TPH by NWTPH-Gx waters
Batch number: 06070A07B
Trifluorotoluene-F

4723350	103
4723353	104
Blank	106
LCS	114
LCSD	113
MS	113

Limits: 63-135

Analysis Name: UST-Unleaded Waters by 8260B
Batch number: P060742AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4723345	99	97	102	89
4723346	97	97	98	86
4723347	98	96	101	88
4723348	99	97	99	89
4723349	99	96	100	86
4723350	99	98	98	88

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The background result was more than four times the spike added.

Quality Control Summary

Client Name: ConocoPhillips
Reported: 04/10/06 at 04:47 PM

Group Number: 980683

Surrogate Quality Control

4723351	100	95	99	87
4723352	99	95	98	88
4723353	99	95	101	87
4723354	99	96	101	87
Blank	100	96	103	88
LCS	100	97	101	90
MS	99	97	100	92
MSD	98	96	100	90
Limits:	80-116	77-113	80-113	78-113

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The background result was more than four times the spike added.

ConocoPhillips Analysis Request/Chain of Custody



002022

Acct. #: 11856 For Lancaster Laboratories use only Group #: 980683 Sample #: 4723345-54

SCR#: 24190

Site #: <u>2787292</u> WNO #: <u>WA2787207-1</u> Site Address: <u>3460 1st Ave S., Seattle, WA</u> ConocoPhillips PM: <u>Brian Peters</u> Company Code: _____ Core Work Order#: _____ Total Lab Budget: _____ Consultant/Office: <u>Delta Environmental</u> Consultant Prj. Mgr: <u>Elisabeth Silver</u> Consultant Phone #: <u>(425) 498-7736</u> Fax #: <u>(425) 368-1892</u> Sampler: <u>Arvic Frohman / Brian Hogenson</u>				Matrix ☐ Potable ☐ NPDES ☐ Soil ☐ Water ☐ Oil ☐ Air		Analyses Requested List total number of containers in the box under each analysis. <table border="1"> <tr> <th colspan="10">Preservation Codes</th> </tr> <tr> <th>#</th> <th>H</th> <th>T</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> </tr> <tr> <td>1</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>2</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>3</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>4</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>5</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>6</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>7</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>8</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>9</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>10</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>11</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>12</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>13</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>14</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>15</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>										Preservation Codes										#	H	T								1										2										3										4										5										6										7										8										9										10										11										12										13										14										15										Preservative Codes H = HCl T = Thiosulfate N = HNO ₃ B = NaOH S = H ₂ SO ₄ O = Other * NWTPH-Dx w/ acid/silica gel cleanup	
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Sample Identification	Date Collected	Time Collected	Grab	Composite	Soil	Water	Oil	Air	NWTPH-Dx	BTEX (8260)	NWTPH-6x	Total	Remarks																																																																																																																																																																														
MW-1	3/3/06	12:50				X			2	3	3	8																																																																																																																																																																															
MW-6		12:00							2	3	3	8																																																																																																																																																																															
MW-7		13:10							2	3	3	8																																																																																																																																																																															
MW-8		14:45							2	3	3	8																																																																																																																																																																															
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MW-12		13:50							2	3	3	8																																																																																																																																																																															
MW-13		11:00							2	3	3	8																																																																																																																																																																															
MW-14		10:50							2	3	3	8																																																																																																																																																																															
MW-15		15:00							2	3	3	8																																																																																																																																																																															
Turnaround Time Requested in Business Days (TAT) (please circle): STD. TAT <u>5 day</u> 48 hour 24-hour other _____				Relinquished by: <u>[Signature]</u> Date <u>3/7/06</u> Time <u>0923</u> Relinquished by: <u>[Signature]</u> Date <u>3/7/06</u> Time <u>3:30</u> Relinquished by: _____ Date _____ Time _____ Relinquished by: _____ Date _____ Time _____ Relinquished by: _____ Date _____ Time _____				Received by: _____ Date _____ Time _____ Received by: _____ Date _____ Time _____ Received by: _____ Date _____ Time _____ Received by: _____ Date _____ Time _____																																																																																																																																																																																			
Reporting Requirements (please circle) NJ Reduced NY ASP Cat. A Raw Data Diskette NY ASP Cat. B Full Type I Other _____				Relinquished by Commercial Carrier: UPS _____ FedEx _____ Other _____				Temperature Upon Receipt <u>41.1</u> °C																																																																																																																																																																																			

Lancaster Laboratories Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

N.D.	none detected	BMQL	Below Minimum Quantitation Level
TNTC	Too Numerous To Count	MPN	Most Probable Number
IU	International Units	CP Units	cobalt-chloroplatinate units
umhos/cm	micromhos/cm	NTU	nephelometric turbidity units
C	degrees Celsius	F	degrees Fahrenheit
Cal	(diet) calories	lb.	pound(s)
meq	milliequivalents	kg	kilogram(s)
g	gram(s)	mg	milligram(s)
ug	microgram(s)	l	liter(s)
ml	milliliter(s)	ul	microliter(s)
m3	cubic meter(s)	fib >5 um/ml	fibers greater than 5 microns in length per ml
<	less than – The number following the sign is the <u>limit of quantitation</u> , the smallest amount of analyte which can be reliably determined using this specific test.		
>	greater than		
ppm	parts per million – One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.		
ppb	parts per billion		
Dry weight basis	Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture.		

U.S. EPA data qualifiers:

Organic Qualifiers		Inorganic Qualifiers	
A	TIC is a possible aldol-condensation product	B	Value is <CRDL, but ≥IDL
B	Analyte was also detected in the blank	E	Estimated due to interference
C	Pesticide result confirmed by GC/MS	M	Duplicate injection precision not met
D	Compound quantitated on a diluted sample	N	Spike amount not within control limits
E	Concentration exceeds the calibration range of the instrument	S	Method of standard additions (MSA) used for calculation
J	Estimated value	U	Compound was not detected
N	Presumptive evidence of a compound (TICs only)	W	Post digestion spike out of control limits
P	Concentration difference between primary and confirmation columns >25%	*	Duplicate analysis not within control limits
U	Compound was not detected	+	Correlation coefficient for MSA <0.995
X,Y,Z	Defined in case narrative		

Analytical test results for methods listed on the laboratories' accreditation scope meet all requirements of NELAC unless otherwise noted under the individual analysis.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

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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 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: WA278-7207-1 COP
 SITE No./JOB No.: WA278-7207-1
 SITE ADDRESS/LOCATION: 3460 12th Ave S.; Seattle, WA
 FIELD PERSONNEL: BH/AF

CLIENT: COP
 PAGE _____ of _____
 DATE: 3-3-06
 WEATHER: clear, 40's - 50's

Well ID	Time	Well Diameter (in.)	Depth to Bottom (feet)	*Depth to Water (feet)	Depth to LPH (feet)	LPH Thickness (feet)	Calc. Purge (gal)	Actual Purge (gal)	Purge Method (B/LF/P)	Dissolved Oxygen (mg/l)	Sample Appearance/Comments
MW-1	12:50	2"	17.40	5.24			6.0	6.0	B	on	
MW-6	12:00	2"	17.70	6.39	-	-	5.6	5.0	A	a	
MW-7	13:10	2"	16.30	4.95			5.5	6.5		+	
MW-8	14:45	2"	19.90	7.40			6.0			+	Slow recharge
MW-9	13:45	2"	19.00	5.19			6.90	6.5		a	Slow recharge
MW-12	13:50	4"	19.70	6.95	-	12.8	12.8	12.5		c	
MW-13	11:00	2"	15.25	8.81	-	-	3	2.75		e	
MW-14	10:50	2"	14.70	8.37	-	-	3.3	2.0		d	No lock, or eddy tag
MW-15	15:00	2"	14.96	6.88			4	1.0	B	f	Needs new monument
* initial baseline readings											purged dry (slow recharge)
Additional Parameters ← on additional sheet											sheet
Temp.	Cond.	DO	pH	TDS	ORP						
MW-1											
MW-6											
MW-7											
MW-8											
MW-9											
MW-12											
MW-13	13:35	0.971	1.32	6.39	0.640	-57.8					
MW-14	13:10	0.778	2.22	5.89	0.506	45.7					
MW-15											

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)? <u>n/a</u>	Time/Date Downed:
	Re-Start System (Y/N)? <u>n/a</u>	Time/Date Restarted:
	Purge Method: <u>bailler</u>	Comments:

Purge Water Disposal Method:

☐ Treated through mobile carbon treatment unit and discharged on-site.

☒ Placed in drums on site

☐ Transported off-site for treatment

No. of drums: 2 (full drum from last quarter)

Facility/Location: quarter)

Measuring Device(s): Y-Si, interface probe

GROUNDWATER SAMPLING FIELD SHEET

DELTA PROJECT NUMBER: WA278-7207-1
 SITE No./JOB No.: _____
 SITE ADDRESS/LOCATION: #3460 1st Ave.; Seattle, WA
 FIELD PERSONNEL: BIT/AF

CLIENT: COP
 PAGE _____ of _____
 DATE: 3-3-06
 WEATHER: clear, 50's

Additional Field Parameters: (Pre-Purge / Post-Purge / Low-flow Cell)

Well ID	pH	Conductivity (ms/cm)	Turbidity (NTU)	DO (mg/L)	Temp. (°C/°F)	TDS (g/L)	ORP (mV)	Comments
MW-1	6.51	0.213	n/a	1.80	11.48°	0.138	-44.4	1st well vol.
	6.66	0.228		1.30	12.02	0.148	-45.8	2nd " "
	6.73	0.286		1.50	12.10	0.185	-36.5	3rd " "
MW-6	6.07	0.616		3.42	12.66	0.401	-10.1	1st well vol.
	6.20	0.588		7.48	12.97	0.388	8.8	2nd well vol.
	6.17	0.615		7.45	13.08	0.400	18.5	3rd well vol.
MW-7	6.72	0.237		4.5	9.78	0.154	19.9	1st well vol.
	6.91	0.236		4.52	11.0	0.153	-18.3	2nd " "
	7.02	0.237		4.52	10.80	0.154	+4.9	3rd " "
MW-8	6.50	0.377		2.93	13.07	0.473	19.3	1st well vol. (pumped dry)
MW-9	6.85	0.376		3.58	11.69	0.244	-41.8	1st well vol.
	6.84	0.383		1.84	13.04	0.249	-61.6	2nd " "
	6.64	0.396		1.21	13.45	0.257	-55.0	3rd " " (pumped dry)
MW-12	4.30	1.042		1.67	14.22	0.677	198.2	1st well vol.
	4.72	0.835		2.63	13.40	0.541	220	2nd well vol.
	4.46	0.887		2.54	13.43	0.577		
MW-13	6.39	0.971		1.32	13.75	0.640	-57.8	1st well vol.
MW-14	5.89	0.788		2.22	13.10	0.506	45.7	1st well vol.
MW-15	6.86	1.385		1.76	12.88	0.900	-76.5	1st well vol. (pumped dry)

Measuring Device(s):

Additional Comments:

* Y-Si DO readings high, ~~verified w/ colorimetric kit~~
 verified w/ colorimetric kit