

UNOCAL # 5472
SEATTLE
UST # 8459
Vcp # NW1773
(514107)

May 28, 2007

Mr. Michael D. Noll
 ConocoPhillips Site Manager
 11921 185th Avenue SE
 Snohomish, Washington 98290

Re: First Quarter 2007 Groundwater Monitoring Report
 3460 First Ave. S, Seattle, Washington
 RM&R No. 2845
 Delta Project No. WA278-7207-1

Dear Mr. Noll:

Delta Environmental Consultants, Inc. (Delta) is pleased to submit this First Quarter 2007 Groundwater Monitoring Report for the ConocoPhillips Site No. 2787292 / RM&R No. 2845 located at 3460 First Avenue S. in Seattle, Washington.

WORK PERFORMED THIS QUARTER [First - 2007]

- Measured depth to water in monitoring wells MW-1, MW-6, MW-8, MW-9, MW-10, and MW-12 through MW-15 on March 21, 2007.
- Purged and sampled groundwater from monitoring wells MW-1, MW-6, MW-8, MW-9, MW-10, and MW-12 through MW-15 on March 21, 2007.
- The groundwater sample from well MW-10 was analyzed 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 acid/silica gel cleanup), and benzene, toluene, ethylbenzene, and total xylenes (BTX) using EPA Method 8260B. All other wells sampled were analyzed for TPH-D and TPH-O.

WORK PROPOSED FOR NEXT QUARTER [Second - 2007]

- Next quarterly sampling event is scheduled for June 2007.
- Analyze groundwater samples for TPH-D and TPH-O using Northwest Method NWTPH-Dx (with acid/silica gel cleanup).

SUMMARY

Frequency of Sampling Events:	<u>Quarterly</u> (Quarterly, etc.)
Approximate Depth to Groundwater:	<u>5.09 - 9.00</u> (Measured Feet)
Groundwater Gradient:	<u>To the west</u> (Direction)
	<u>From 0.013 to 0.029</u> (ft/ft)
Maximum Benzene Concentration:	<u>None</u> (µg/L)
Measurable Free Product Detected:	<u>No</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)



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 DEPT OF ECOLOGY

Water Wells or Surface Waters w/in a 2000'

None; Basements 200-600 ft (Distance and Direction)

Radius and Respective Direction:

None

Current Remedial Action:

None (SVE/AS/P&T/DVE)
Product Removal/Bio/etc.)

Permits for Discharge:

PSCAA No. 8121 (NPDES, POTW, etc.)

DISCUSSION

- TPH-D was detected above the Washington State Model Toxics Control Act (MTCA) Method A cleanup level in the groundwater samples collected from wells MW-1, MW-9, and MW-12 at concentrations of 739 micrograms per liter ($\mu\text{g/L}$), 563 $\mu\text{g/L}$, and 1,406 $\mu\text{g/L}$, respectively. TPH-D was detected below the MTCA Method A cleanup level in monitoring wells MW-6 and MW-15 at concentrations of 164 $\mu\text{g/L}$ and 200 $\mu\text{g/L}$, respectively. TPH-D was not detected above the Method Detection Limit (MDL) in the remaining samples collected during this event. However, the sample collected from well MW-8 had a MDL that was greater than the MTCA Method A cleanup level.
- TPH-O was detected above the MTCA Method A cleanup level in the groundwater samples collected from wells MW-1, MW-8, MW-12, MW-14, and MW-15 at concentrations of 807 $\mu\text{g/L}$, 2,639 $\mu\text{g/L}$, 748 $\mu\text{g/L}$, 516, $\mu\text{g/L}$ and 732 $\mu\text{g/L}$, respectively. TPH-O was detected below the MTCA Method A cleanup level in the groundwater samples collected from wells MW-6, MW-9, MW-10, and MW-13 at concentrations of 448 $\mu\text{g/L}$, 319 $\mu\text{g/L}$, 105 $\mu\text{g/L}$, and 130 $\mu\text{g/L}$, respectively.
- TPH-G and BTEX were not detected above laboratory reporting limits in the groundwater sample collected from MW-10.
- Based on measured groundwater elevations, site groundwater flow direction is to the west.
- Purge water generated during sampling was stored on-site in one 55-gallon drum 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 expressed 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 Elisabeth Silver at 425-498-7736 if you have any questions regarding the contents of this report.

Sincerely,

DELTA ENVIRONMENTAL CONSULTANTS, INC.

Javan Ruark

Javan Ruark
Staff Geologist

Elisabeth Silver

Elisabeth Silver, L.G.
Senior Project Manager



Mr. Michael Noll, ConocoPhillips Site Manager
May 28, 2007
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3460 First Ave. S, Seattle, Washington
RM&R No. 2845

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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

Enc: 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

TABLE 1
ANALYTICAL RESULTS AND GROUNDWATER ELEVATIONS
 ConocoPhillips Site No. 2787292 / RM&R No. 2845
 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	0.0	94.34
	09/30/04	<50	357	<473	<0.50	<0.50	<0.50	<1.0	0.2	7.21	0.0	92.31
	03/28/05	<100	315	<490	<1	<1	<1	<2	1.4	5.28	0.0	94.24
	06/27/05	<100	2,180 ³	2,360 ³	<1	<1	<1	<2	2.0	6.58	0.0	92.94
	09/27/05	<48	1,200 ⁴	1,200	<0.5	<0.5	<0.5	<0.5	2.5	7.55	0.0	91.97
	12/16/05	<48	510 ⁴	290	<0.5	<0.7	<0.8	<0.8	1.0	6.99	0.0	92.53
	03/03/06	<48	300	270	<0.5	<0.7	<0.8	<0.8	1.5	5.24	0.0	94.28
	06/02/06	<48	1,100 ⁴	1,200	<0.5	<0.7	<0.8	<0.8	1.41	5.37	0.0	94.15
	09/07/06	<48	1,100 ⁴	1,300	<0.5	<0.7	<0.8	<0.8	1.07	7.41	0.0	92.11
	12/28/06	55	360	530	0.6	<0.7	<0.8	<0.8	3.03	4.4	0.0	95.12
	03/21/07	--	739	807	--	--	--	--	6.9	5.17	0.0	94.35

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 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	0.0	93.49
	09/30/04	<50	<249	<498	<0.50	<0.50	<0.50	<1.0	0.4	7.98	0.0	91.69
	03/28/05	<100	<284	<568	<1	<1	<1	<2	3.4	7.3	0.0	92.37
	06/27/05	<100	710 ³	582 ³	<1	<1	<1	<2	2.0	7.58	0.0	92.09
	09/27/05	<48	970 ^{4,5}	1,000 ⁵	<0.5	<0.5	<0.5	<0.5	2.0	8.39	0.0	91.28
	12/16/05	<48	130 ⁷	140	<0.5	<0.7	<0.8	<0.8	1.5	7.90	0.0	91.77
	03/03/06	<48	<78	250	<0.5	<0.7	<0.8	<0.8	3.4	6.39	0.00	93.28
	06/02/06	<48	86 ¹⁰	250	<0.5	<0.7	<0.8	<0.8	2.1	7.27	0.00	92.40
	09/08/06	<48	330 ⁷	470	<0.5	<0.7	<0.8	<0.8	6.41	8.23	0.00	91.44
	12/28/06	<48	120	400	<0.5	<0.7	<0.8	<0.8	2.87	5.51	0.00	94.16
	03/21/07	--	164	448	--	--	--	--	6.5	6.52	0.00	93.15

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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	0.0	93.67
	09/30/04	<50	<245	<491	<0.50	<0.50	<0.50	<1.0	0.6	6.61	0.0	91.89
	03/28/05	<100	<246	<492	<1	<1	<1	<2	2.1	4.92	0.0	93.58
	06/27/05	<200	268 ³	710 ³	<2	<2	<2	<4	1.7	6.13	0.0	92.37
	09/27/05	<48	1100 ^{5,7}	2,800 ⁵	<0.5	<0.5	<0.5	<0.5	3.5	7.15	0.0	91.35
	12/16/05	<48	160 ¹⁰	300	<0.5	<0.7	<0.8	<0.8	1.5	6.57	0.0	91.93
	03/03/06	<48	250 ⁷	650	<0.5	<0.7	<0.8	<0.8	4.5	4.95	0.0	93.55
	06/02/06	Obstructed by vehicles and surface water							--	--	--	--
	09/08/06	<48	200 ⁷	570	<0.5	<0.7	<0.8	<0.8	1.6	6.88	0.0	91.62
	12/28/06	Obstructed by vehicles and surface water							--	--	--	--
	03/21/07	Submerged							--	--	--	--

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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	0.0	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	0.0	90.53
	09/27/05	<48	3800 ^{4,5}	7,200 ⁵	<0.5	<0.5	<0.5	<0.5	3.0	9.08	0.0	89.88
	12/13/05	<48	87 ⁸	<100	<0.5	<0.7	<0.8	<0.8	2.0	8.67	0.0	90.29
	03/03/06	<48	160 ⁷	510	<0.5	<0.7	<0.8	<0.8	2.9	7.40	0.0	91.56
	06/02/06	<48	300 ⁴	650	<0.5	<0.7	<0.8	<0.8	2.41	8.09	0.0	90.87
	09/07/06	<48	680 ⁷	1,200	<0.5	<0.7	<0.8	<0.8	1.76	8.89	0.0	90.07
	12/28/06	<48	<150	360	<0.5	<0.7	<0.8	<0.8	3.17	11.50	0.0	87.46
	03/21/07	--	<820	2,639	--	--	--	--	6.0	7.44	0.0	91.52

TABLE 1
ANALYTICAL RESULTS AND GROUNDWATER ELEVATIONS
 ConocoPhillips Site No. 2787292 / RM&R No. 2845
 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	0.0	93.59
	09/30/04	<50	<246	<492	<0.50	<0.50	<0.50	<1.0	0.1	7.61	0.0	91.05
	03/28/05	<100	<245	<489	<1	<1	<1	<2	1.5	5.19	0.0	93.47
	06/27/05	<100	596 ³	492 ³	<1	<1	<1	<2	1.8	6.72	0.0	91.94
	09/27/05	<48	1100 ^{4,5}	610 ⁵	<0.5	<0.5	<0.5	<0.5	2.0	7.68	0.0	90.98
	12/16/05	<48	480 ^{4,12}	240	<0.5	<0.7	<0.8	<0.8	2.0	7.17	0.0	91.49
	03/03/06	<48	480	260	<0.5	<0.7	<0.8	<0.8	1.2	5.19	0.0	93.47
	06/02/06	<48	660 ⁴	1,400	<0.5	<0.7	<0.8	<0.8	1.81	5.38	0.0	93.28
	09/07/06	<48	610 ⁴	480	<0.5	<0.7	<0.8	<0.8	1.29	7.48	0.0	91.18
	12/28/06	<48	130	<100	<0.2	<0.2	<0.2	<0.6	4.97	4.3	0.0	94.36
	03/21/07	<48	563	319	<0.5	<0.7	<0.8	<0.8	7.1	5.09	0.0	93.57

TABLE 1
ANALYTICAL RESULTS AND GROUNDWATER ELEVATIONS
 ConocoPhillips Site No. 2787292 / RM&R No. 2845
 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	--	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	0.0	94.79
	09/30/04	--	--	--	--	--	--	--	--	NM	--	--
	03/28/05	--	--	--	--	--	--	--	--	NM	--	--
	06/27/05	--	--	--	--	--	--	--	--	NM	--	--
	09/27/05	--	--	--	--	--	--	--	--	NM	--	--
	12/13/05	--	--	--	--	--	--	--	--	NM	--	--
	03/03/06	--	--	--	--	--	--	--	--	NM	--	--
	06/02/06	--	--	--	--	--	--	--	--	NM	--	--
	09/07/06	--	--	--	--	--	--	--	--	NM	--	--
	12/28/06	--	--	--	--	--	--	--	--	NM	--	--
	03/21/07	<48	<80	105	<0.5	<0.7	<0.8	<0.8	5.7	6.35	0.0	93.27

TABLE 1
ANALYTICAL RESULTS AND GROUNDWATER ELEVATIONS
 ConocoPhillips Site No. 2787292 / RM&R No. 2845
 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	--	--
	06/02/06	--	--	--	--	--	--	--	--	NM	--	--
	09/07/06	--	--	--	--	--	--	--	--	NM	--	--
	12/28/06	--	--	--	--	--	--	--	--	NM	--	--
	03/21/07	--	--	--	--	--	--	--	--	NM	--	--

TABLE 1
ANALYTICAL RESULTS AND GROUNDWATER ELEVATIONS
 ConocoPhillips Site No. 2787292 / RM&R No. 2845
 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	0.0	93.49
	09/30/04	<50	<248	<496	<0.50	<0.50	<0.50	<1.0	1.1	8.65	0.0	91.67
	03/28/05	<100	<253	<506	3.18	<1	<1	<2	1.5	7.68	0.0	92.64
	06/27/05	<100	<246	<492	5.49	<1	<1	<2	1.5	8.12	0.0	92.20
	09/27/05	<48	490 ⁴	330	2.0	<0.5	<0.5	<0.5	1.5	8.9	0.0	91.42
	12/16/05	<48	640 ^{4, 12}	450	3.0	<0.7	<0.8	<0.8	1.0	8.44	0.0	91.88
	03/03/06	<48	520	230	3.0	<0.7	<0.8	<0.8	1.7	6.95	0.0	93.37
	06/02/06	<48	1,800 ⁴	1,000	2.0	<0.7	<0.8	<0.8	1.32	7.77	0.0	92.55
	09/07/06	<48	1,300 ⁴	730	2.0	<0.7	<0.8	<0.8	1.28	8.77	0.0	91.55
	12/28/06	<48	3,700	1,100	2.0	<0.7	<0.8	<0.8	3.66	6.33	0.0	93.99
	03/21/07	--	1,406	748	--	--	--	--	6.6	7.19	0.0	93.13

TABLE 1
ANALYTICAL RESULTS AND GROUNDWATER ELEVATIONS
 ConocoPhillips Site No. 2787292 / RM&R No. 2845
 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	0.0	92.29
	09/30/04	<50	<248	<497	<0.50	<0.50	<0.50	<1.0	0.2	9.69	0.0	90.55
	03/28/05	<100	<250	<501	<1	<1	<1	<2	2.1	9.35	0.0	90.89
	06/27/05	<100	<248	<496	<1	<1	<1	<2	2.1	9.65	0.0	90.59
	09/27/05	<48	280 ⁴	160	<0.5	<0.5	<0.5	<0.5	1.0	10.11	0.0	90.13
	12/13/05	<48	170 ⁴	110	<0.5	<0.7	<0.8	<0.8	2.0	9.89	0.0	90.35
	03/03/06	<48	130	310	<0.5	<0.7	<0.8	<0.8	1.3	8.81	0.0	91.43
	06/02/06	<48	190 ⁴	280	<0.5	<0.7	<0.8	<0.8	1.84	9.31	0.0	90.93
	09/07/06	<48	100 ⁷	<98	<0.5	<0.7	<0.8	<0.8	1.23	9.94	0.0	90.30
	12/28/06	<48	<79	<99	<0.2	<0.2	<0.2	<0.6	3.96	8.21	0.0	92.03
	03/21/07	--	<78	130	--	--	--	--	5.4	9.00	0.0	91.24

TABLE 1
ANALYTICAL RESULTS AND GROUNDWATER ELEVATIONS
 ConocoPhillips Site No. 2787292 / RM&R No. 2845
 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-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	0.0	92.41
	09/30/04	<50	<252	<504	<0.50	<0.50	<0.50	<1.0	0.1	9.31	0.0	90.63
	03/28/05	<100	<267	<534	<1	<1	<1	<2	2.0	8.91	0.0	91.03
	06/27/05	<100	<251	<501	<1	<1	<1	<2	2.2	9.29	0.0	90.65
	09/27/05	<48	230 ⁴	220	<0.5	<0.5	<0.5	<0.5	2.0	9.79	0.0	90.15
	12/13/05	<48	87 ⁸	110	<0.5	<0.7	<0.8	<0.8	2.5	9.56	0.0	90.38
	03/03/06	<48	93	230	<0.5	<0.7	<0.8	<0.8	2.2	8.37	0.0	91.57
	06/02/06	<48	<78	190	<0.5	<0.7	<0.8	<0.8	1.49	8.89	0.0	91.05
	09/07/06	<48	120 ⁷	110	<0.5	<0.7	<0.8	<0.8	1.26	9.55	0.0	90.39
	12/28/06	<48	<80	<99	<0.5	<0.7	<0.8	<0.8	4.28	7.5	0.0	92.44
	03/21/07	--	<160	516	--	--	--	--	6.5	8.39	0.0	91.55

TABLE 1
ANALYTICAL RESULTS AND GROUNDWATER ELEVATIONS
 ConocoPhillips Site No. 2787292 / RM&R No. 2845
 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	0.0	93.27
	09/30/04	--	--	--	--	--	--	--	0.9	9.08	0.0	90.21
	03/28/05	<100	<334	<668	<1	<1	<1	<2	0.8	7.45	0.0	91.84
	06/27/05	<100	483	<640	<1	<1	<1	<2	2.0	7.84	0.0	91.45
	09/27/05	<48	450 ⁴	420	<0.5	<0.5	<0.5	<0.5	NM	8.23	0.0	91.06
	12/13/05	<48	270 ^{7,12}	300	<0.5	<0.7	<0.8	<0.8	1.0	8.23	0.0	91.06
	03/03/06	<48	900 ^{7,9}	2,900 ⁹	<0.5	<0.7	<0.8	<0.8	1.8	6.88	0.0	92.41
	06/02/06	<48	<76	260	<0.5	<0.7	<0.8	<0.8	2.07	7.41	0.0	91.88
	09/07/06	<48	300 ⁷	470	<0.5	<0.7	<0.8	<0.8	0.49	8.12	0.0	91.17
	12/28/06	<48	<84	460	<0.5	<0.7	<0.8	<0.8	3.30	5.99	0.0	93.30
	03/21/07	--	200	732	--	--	--	--	6.9	6.40	0.0	92.89
MTCA Method A Cleanup Levels:¹¹		800⁶	500	500	5	1000	700	1000	-	-	-	-

TABLE 1
ANALYTICAL RESULTS AND GROUNDWATER ELEVATIONS
 ConocoPhillips Site No. 2787292 / RM&R No. 2845
 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)
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 3/28/2005 event. Delta returned to the site on 4/21/2005, and located and monitored the well for 1Q05.

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.

¹⁰ The observed sample pattern is not typical of #2 fuel/diesel. It elutes in the DRO range later than #2 fuel and contains individual peaks eluting in the DRO range.

¹¹ Washington State Department of Ecology Model Toxics Control Act (MTCA) Method A Cleanup level for groundwater. Updated 2/12/2001.

¹² The observed sample pattern includes individual peaks eluting in the DRO range.

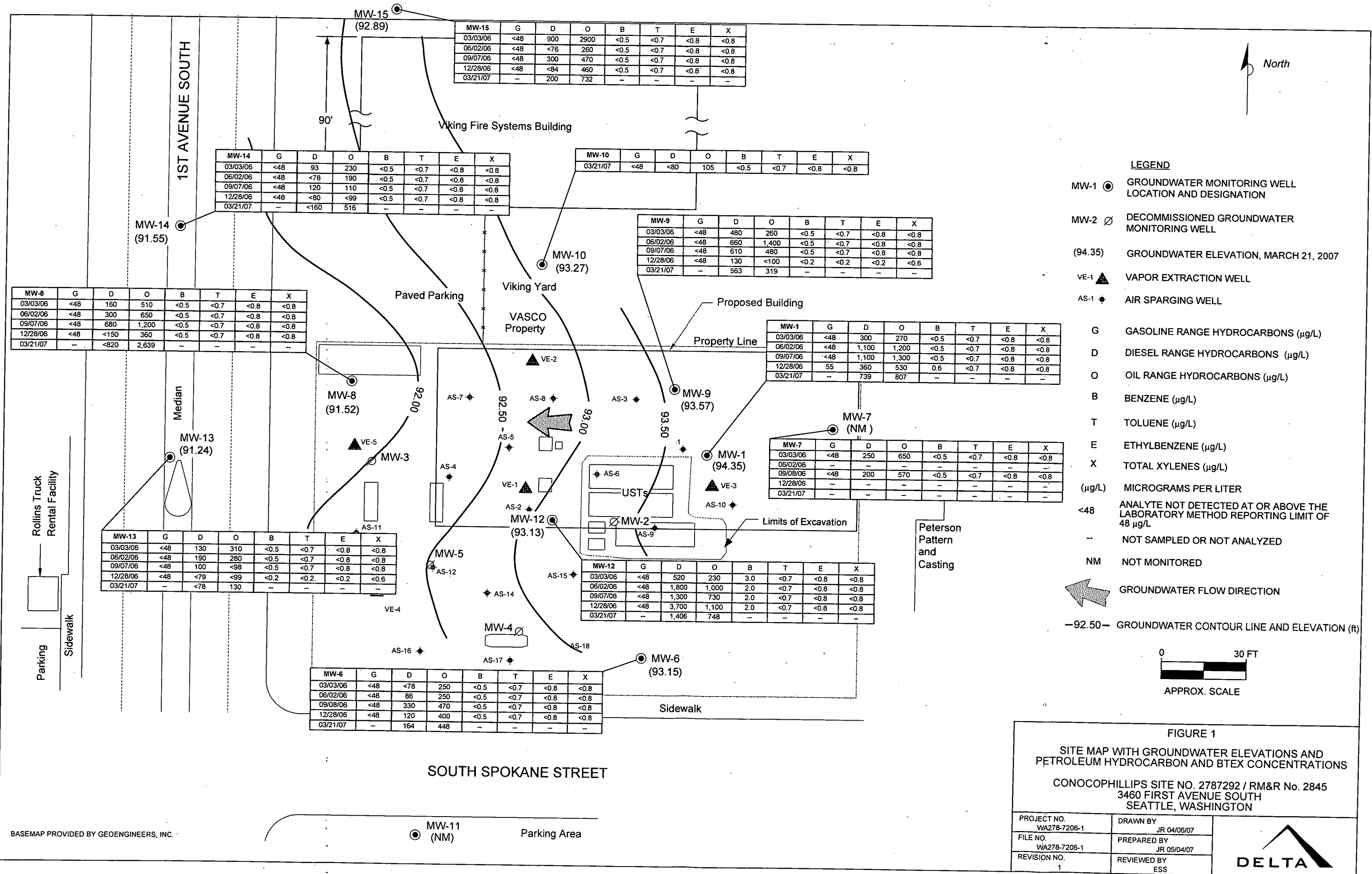


FIGURE 1

SITE MAP WITH GROUNDWATER ELEVATIONS AND PETROLEUM HYDROCARBON AND BTEX CONCENTRATIONS

CONOCOPHILLIPS SITE NO. 2787292 / RM&R No. 2845

3460 FIRST AVENUE SOUTH

SEATTLE, WASHINGTON

PROJECT NO. WA278-7206-1	DRAWN BY JR 04/06/07
FILE NO. WA278-7206-1	PREPARED BY JR 05/04/07
REVISION NO. 1	REVIEWED BY ESS

DELTA

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

Quarterly Groundwater Monitoring
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
5528 NW Doane Ave.
Portland OR 97210

Prepared by:

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

SAMPLE GROUP

The sample group for this submittal is 1030682. Samples arrived at the laboratory on Friday, March 23, 2007. The PO# for this group is 4507640416 and the release number is NOLL.

<u>Client Description</u>	<u>Lancaster Labs Number</u>
MW-1 Water Sample	5012759
MW-6 Water Sample	5012760
MW-8 Water Sample	5012761
MW-9 Water Sample	5012762
MW-10 Water Sample	5012763
MW-12 Water Sample	5012764
MW-13 Water Sample	5012765
MW-14 Water Sample	5012766
MW-15 Water Sample	5012767

ELECTRONIC Delta Environmental
COPY TO

Attn: Elisabeth Silver



Analysis Report

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Questions? Contact your Client Services Representative
Barbara A Weyandt at (717) 656-2300

Respectfully Submitted,

A handwritten signature in cursive script, appearing to read "Valerie L. Tomayko".

Valerie L. Tomayko
Group Leader



Analysis Report

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Lancaster Laboratories Sample No. WW 5012759

MW-1 Water Sample

Site# 2845 (2787292)

3460 1st Ave. - S. Seattle, WA

Collected: 03/21/2007 13:17 by AF

Account Number: 11856

Submitted: 03/23/2007 10:00

Reported: 04/04/2007 at 16:48

Discard: 05/05/2007

ConocoPhillips

5528 NW Doane Ave.

Portland OR 97210

1SS01

CAT No.	Analysis Name	CAS Number	As Received Result	As Received	Units	Dilution Factor
				Method Detection Limit		
02211	TPH by NWTPH-Dx(water) w/SiGel					
02095	Diesel Range Organics	n.a.	738.835632	79.	ug/l	1
02096	Heavy Range Organics	n.a.	806.708679	99.	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	04/03/2007 15:14	Matthew E Barton	1
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	03/28/2007 03:45	Sherry L Morrow	1



Analysis Report

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Lancaster Laboratories Sample No. WW 5012760

MW-6 Water Sample

Site# 2845 (2787292)

3460 1st Ave. - S. Seattle, WA

Collected: 03/21/2007 12:45 by AF

Account Number: 11856

Submitted: 03/23/2007 10:00

ConocoPhillips

Reported: 04/04/2007 at 16:48

5528 NW Doane Ave.

Discard: 05/05/2007

Portland OR 97210

1SS06

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.	163.993607	79.	ug/l	1
02096	Heavy Range Organics	n.a.	447.755493	99.	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	03/30/2007 00:25	Matthew E Barton	1
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	03/28/2007 03:45	Sherry L Morrow	1



Analysis Report

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Lancaster Laboratories Sample No. WW 5012761

MW-8 Water Sample

Site# 2845 (2787292)

3460 1st Ave. - S. Seattle, WA

Collected: 03/21/2007 13:00 by AF

Account Number: 11856

Submitted: 03/23/2007 10:00

ConocoPhillips

Reported: 04/04/2007 at 16:48

5528 NW Doane Ave.

Discard: 05/05/2007

Portland OR 97210

1SS08

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.	820.	ug/l	10
02096	Heavy Range Organics	n.a.	2,639.115723	1,000.	ug/l	10

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	04/03/2007 23:41	Matthew E Barton	10
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	03/28/2007 03:45	Sherry L Morrow	1



Analysis Report

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Lancaster Laboratories Sample No. WW 5012762

MW-9 Water Sample

Site# 2845 (2787292)

3460 1st Ave. - S. Seattle, WA

Collected: 03/21/2007 12:40 by AF

Account Number: 11856

Submitted: 03/23/2007 10:00

Reported: 04/04/2007 at 16:48

Discard: 05/05/2007

ConocoPhillips

5528 NW Doane Ave.

Portland OR 97210

1SS09

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.	563.326599	79.	ug/l	1
02096	Heavy Range Organics	n.a.	318.846313	98.	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	04/02/2007 18:52	Matthew E Barton	1
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	03/28/2007 09:30	Debora L Barsis	1



Analysis Report

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Lancaster Laboratories Sample No. WW 5012763

MW-10 Water Sample

Site# 2845 (2787292)

3460 1st Ave. - S. Seattle, WA

Collected: 03/21/2007 10:40 by AF

Account Number: 11856

Submitted: 03/23/2007 10:00

Reported: 04/04/2007 at 16:48

Discard: 05/05/2007

ConocoPhillips

5528 NW Doane Ave.

Portland OR 97210

1SS10

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.	N.D.	80.	ug/l	1
02096	Heavy Range Organics	n.a.	105.492775	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	GC/MS Volatiles					
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

Trip blank vials were not received by the laboratory for this sample group.

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	04/02/2007 19:31	Matthew E Barton	1
08273	TPH by NWTPH-Gx waters	ECY 97-602 NWTPH-Gx modified	1	03/27/2007 20:10	Steven A Skiles	1
02300	GC/MS Volatiles	SW-846 8260B	1	03/28/2007 12:39	Emiley A King	1
01146	GC VOA Water Prep	SW-846 5030B	1	03/27/2007 20:10	Steven A Skiles	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	03/28/2007 12:39	Emiley A King	1
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	03/28/2007 09:30	Debora L Barsis	1



Analysis Report

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Lancaster Laboratories Sample No. WW 5012764

MW-12 Water Sample

Site# 2845 (2787292)

3460 1st Ave. - S. Seattle, WA

Collected: 03/21/2007 12:53 by AF

Account Number: 11856

Submitted: 03/23/2007 10:00

Reported: 04/04/2007 at 16:48

Discard: 05/05/2007

ConocoPhillips

5528 NW Doane Ave.

Portland OR 97210

1SS12

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.	1,405.506592	170.	ug/l	2
02096	Heavy Range Organics	n.a.	748.329224	220.	ug/l	2

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	04/02/2007 20:38	Matthew E Barton	2
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	03/28/2007 09:30	Debora L Barsis	1



Analysis Report

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

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Lancaster Laboratories Sample No. WW 5012765

MW-13 Water Sample

Site# 2845 (2787292)

3460 1st Ave. - S. Seattle, WA

Collected: 03/21/2007 09:35 by AF

Account Number: 11856

Submitted: 03/23/2007 10:00

Reported: 04/04/2007 at 16:48

Discard: 05/05/2007

ConocoPhillips

5528 NW Doane Ave.

Portland OR 97210

1SS13

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.	130.411667	98.	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	04/02/2007 19:59	Matthew E Barton	1
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	03/28/2007 09:30	Debora L Barsis	1



Analysis Report

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Page 1 of 1

Lancaster Laboratories Sample No. WW 5012766

MW-14 Water Sample

Site# 2845 (2787292)

3460 1st Ave. - S. Seattle, WA

Collected: 03/21/2007 09:30 by AF

Account Number: 11856

Submitted: 03/23/2007 10:00

Reported: 04/04/2007 at 16:48

Discard: 05/05/2007

ConocoPhillips

5528 NW Doane Ave.

Portland OR 97210

1SS14

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.	160.	ug/l	2
02096	Heavy Range Organics	n.a.	516.294861	200.	ug/l	2

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	04/02/2007 20:57	Matthew E Barton	2
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	03/28/2007 09:30	Debora L Barsis	1



Analysis Report

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Lancaster Laboratories Sample No. WW 5012767

MW-15 Water Sample

Site# 2845 (2787292)

3460 1st Ave. - S. Seattle, WA

Collected: 03/21/2007 11:40 by AF

Account Number: 11856

Submitted: 03/23/2007 10:00

Reported: 04/04/2007 at 16:48

Discard: 05/05/2007

ConocoPhillips

5528 NW Doane Ave.

Portland OR 97210

1SS15

CAT No.	Analysis Name	CAS Number	As Received Result	As Received	Units	Dilution Factor
				Method Detection Limit		
02211	TPH by NWTPH-Dx(water) w/SiGel					
02095	Diesel Range Organics	n.a.	200.370605	170.	ug/l	2
02096	Heavy Range Organics	n.a.	732.100830	210.	ug/l	2

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	04/03/2007 16:51	Matthew E Barton	2
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	03/28/2007 09:30	Debora L Barsis	1

Quality Control Summary

Client Name: ConocoPhillips
Reported: 04/04/07 at 04:48 PM

Group Number: 1030682

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

<u>Analysis Name</u>	<u>Blank Result</u>	<u>Blank MDL</u>	<u>Report Units</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>LCS/LCSD Limits</u>	<u>RPD</u>	<u>RPD Max</u>
Batch number: 070860009A	Sample number(s): 5012759-5012761							
Diesel Range Organics	N.D.	80.0000	ug/l	74	76	61-106	3	20
		00						
Heavy Range Organics	N.D.	100.000	ug/l					
		000						
Batch number: 070860019A	Sample number(s): 5012762-5012767							
Diesel Range Organics	N.D.	80.0000	ug/l	85	93	61-106	8	20
		00						
Heavy Range Organics	N.D.	100.000	ug/l					
		000						
Batch number: 07086A07A	Sample number(s): 5012763							
TPH by NWTPH-Gx waters	N.D.	48.0000	ug/l	109	105	75-135	4	30
		00						
Batch number: N070871AA	Sample number(s): 5012763							
Benzene	N.D.	0.50000	ug/l	109		78-119		
		0						
Toluene	N.D.	0.70000	ug/l	100		85-115		
		0						
Ethylbenzene	N.D.	0.80000	ug/l	102		82-119		
		0						
Xylene (Total)	N.D.	0.80000	ug/l	100		83-113		
		0						

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

<u>Analysis Name</u>	<u>MS %REC</u>	<u>MSD %REC</u>	<u>MS/MSD Limits</u>	<u>RPD</u>	<u>RPD MAX</u>	<u>BKG Conc</u>	<u>DUP Conc</u>	<u>DUP RPD</u>	<u>Dup RPD Max</u>
Batch number: 07086A07A	Sample number(s): 5012763 UNSPK: P012445								
TPH by NWTPH-Gx waters	68		63-154						
Batch number: N070871AA	Sample number(s): 5012763 UNSPK: 5012763								
Benzene	96	116	83-128	19	30				
Toluene	90	108	83-127	19	30				
Ethylbenzene	90	108	82-129	19	30				
Xylene (Total)	87	104	82-130	18	30				

*- 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: 04/04/07 at 04:48 PM

Group Number: 1030682

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: 070860009A
Orthoterphenyl

5012759	124
5012760	106
5012761	122
Blank	106
LCS	111
LCSD	112

Limits: 50-150

Analysis Name: TPH by NWTPH-Dx(water) w/SiGel
Batch number: 070860019A
Orthoterphenyl

5012762	137
5012763	139
5012764	137
5012765	130
5012766	123
5012767	137
Blank	136
LCS	148
LCSD	150

Limits: 50-150

Analysis Name: TPH by NWTPH-Gx waters
Batch number: 07086A07A
Trifluorotoluene-F

5012763	96
Blank	96
LCS	102
LCSD	103
MS	101

Limits: 63-135

Analysis Name: UST-Unleaded Waters by 8260B
Batch number: N070871AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5012763	94	93	95	89
Blank	95	91	94	90
LCS	94	92	96	93
MS	94	94	96	94
MSD	93	92	96	93

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.

Quality Control Summary

Client Name: ConocoPhillips
Reported: 04/04/07 at 04:48 PM

Group Number: 1030682

*- 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.

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

A	TIC is a possible aldol-condensation product
B	Analyte was also detected in the blank
C	Pesticide result confirmed by GC/MS
D	Compound quantitated on a diluted sample
E	Concentration exceeds the calibration range of the instrument
J	Estimated value
N	Presumptive evidence of a compound (TICs only)
P	Concentration difference between primary and confirmation columns >25%
U	Compound was not detected
X,Y,Z	Defined in case narrative

Inorganic Qualifiers

B	Value is <CRDL, but ≥IDL
E	Estimated due to interference
M	Duplicate injection precision not met
N	Spike amount not within control limits
S	Method of standard additions (MSA) used for calculation
U	Compound was not detected
W	Post digestion spike out of control limits
*	Duplicate analysis not within control limits
+	Correlation coefficient for MSA <0.995

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 Monitoring
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.

Delta Environmental Consultants, Inc.
Daily Field Log

Project Name: 2787292 1st Ave

Date: 3/21/07

Delta Representative: Aric Frohman / John Rourke

Delta PM: Elisabeth Silver

Client: COP

Contractors

Visitors:
(Name/Co.)

Weather: 40's Clear

Project No. WA 278-7211-1

Location: 3460 First Ave, Sec.

Contact: TBT Towling

Contact

Contact

Contact

Field Log: 8:15 Arrived onsite, spoke w/ operator, initial site walk, & had TBT move cars that were over wells. Began gauging all on-site & off site accessible wells

9:00 Traffic control arrived & setup for MW-13 & MW-14, MOB onto street to begin purging & sampling

9:40 Finished sampling, broke down traffic control & MOB onsite, began purging all on-site & off site wells (MW-15 & MW-10)

11:30 Purged all wells, MW-1, 6, 8, 9, 12, & 15 all purged dry

13:30 Sampled all wells, slow recharge, cleanup

13:45 Left Site

Initials:

Page of

GROUNDWATER SAMPLING FIELD SHEET

DELTA PROJECT NUMBER: _____
 SITE No./JOB No.: _____
 SITE ADDRESS/LOCATION: _____
 FIELD PERSONNEL: _____

CLIENT: _____
PAGE _____ of _____
DATE: _____
WEATHER: _____

[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): Water level meter, Horiba U-22

mw-10 Pemco Holly, Plug = grommet, lock = grommet, gasket repair, need bolts

GROUNDWATER SAMPLING FIELD SHEET

DELTA PROJECT NUMBER:	CLIENT:
SITE No./JOB No.:	PAGE of
SITE ADDRESS/LOCATION:	DATE:
FIELD PERSONNEL:	WEATHER:

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

[illegible]

Measuring Device(s): Horiba U-22

Additional Comments:

ConocoPhillips Analysis Request/Chain of Custody



For Lancaster Labs Use ONLY Acct. #: _____ Group # _____ Sample#: _____ SCR#: _____

006721

Analyses Requested List total number of containers in the box under each analysis.

Site #: 2787297 AOC#: WA 27872971
 Site City: 3460 1st Ave S, Seattle State: WA
 Enfos PO# _____

ConocoPhillips PM: Michael Noll
 Samplers Name: Aric Frohman/Juan Ruank

Sample Identification	Date Collected	Time Collected	Grab	Composite	Matrix			Preservation Codes												Preservative Codes				Remarks
					Soil	Water	Air	Potable	NPDES	Oil	PH	Dx	BT	EX	8260	PH	6x	H	T	N	B	S	O	
MW-1	3/2/07	13:17				X					X													
MW-6		12:45				X																		
MW-7																								
MW-8		13:00				X																		
MW-9		12:40																						
MW-10		10:40											X	X										
MW-12		12:53																						
MW-13		9:35																						
MW-14	✓	9:30																						
MW-15		11:40				✓						✓												

Preservative Codes
 H = HCl T = Thiosulfate
 N = HNO₃ B = NaOH
 S = H₂SO₄ O = Other
NW+PH-Dx
w/ 5g cleanup

Consultant Information:
 Office City: Redmond State: WA
 Project Manager: Elisabeth Silver
 Phone Number: 425 458 7736 Fax: _____
 Email: _____

Turnaround Time Requested in Business Days (TAT) (Circle One):
STD. 5 day 48 hour 24 hour Other _____

Electronic Data Deliverables (Circle One) Yes / No Format _____
Reporting Requirements (Circle One)
 Standard Reports/QC Summary Full Validation (LLI Type I)
 NJ Regulatory NJ Reduced NY ASP-A NY ASP-B Other _____

Relinquished by: <u>Juan Ruank</u>	Date: <u>3/2/07</u>	Time: <u>13:42</u>	Received by: _____	Date: _____	Time: _____
Relinquished by: _____	Date: _____	Time: _____	Received by: _____	Date: _____	Time: _____
Relinquished by: _____	Date: _____	Time: _____	Received by: _____	Date: _____	Time: _____
Relinquished by Commercial Carrier: _____			Temperature Upon Receipt _____ °C		
UPS _____ FedEx _____ Other _____					