



**CONOCOPHILLIPS COMPANY
GROUNDWATER MONITORING REPORT**

May 10, 2005

Site No.: 255353 Site Address: 600 Westlake Avenue, Seattle, Washington
ConocoPhillips Site Manager: Kipp Eckert
Consultant/Contact Person: Delta Environmental Consultants, Inc. – Eric Larsen
Primary Agency/Regulatory ID No.: Washington DOE Northwest Region

WORK PERFORMED THIS QUARTER [First - 2005]

- Installed Well MW-3A on March 15, 2005 to replace destroyed well MW-3. Soil samples collected from the well boring were 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; benzene, toluene, ethylbenzene, and total xylenes (BTEX) using EPA Method 8260B; and total lead using EPA Method 6010.
- Measured depth to water and purged and sampled groundwater from 18 monitoring wells (SMW-3, MW-3A, MW-32A, MW-33 through MW-38, MW-40, MW-43 through MW-45, MW-47, and MW-50 through MW-53) on March 17, 2005.
- Analyzed groundwater samples for TPH-G using Northwest Method NWTPH-Gx, TPH-D as TPH-O using Northwest Method NWTPH-Dx, and BTEX using EPA Method 8260B.

WORK PROPOSED FOR NEXT QUARTER [Second - 2005]

- Measure depth to water and purge and sample groundwater from 11 monitoring wells (MW-3A, MW-32A, MW-33, MW-34, MW-35, MW-37, MW-45, and MW-50 through MW-53).
- Analyze groundwater samples for TPH-G using Northwest Method NWTPH-Gx, TPH-D and TPH-O using Northwest Method NWTPH-Dx, and BTEX using EPA Method 8260B.
- Next sampling event is scheduled for June 2005.

SUMMARY

Frequency of Sampling Events:	<u>Quarterly</u> (Quarterly, etc.)
Approximate Depth to Groundwater:	<u>8.32 – 12.97</u> (Measured Feet)
Groundwater Gradient:	<u>Generally North</u> (Direction)
Maximum Benzene Concentration:	<u>Varies</u> (ft/ft)
Measurable Free Product Detected:	<u>106 (MW-53)</u> (ppb)
Free Product Recovered This Quarter:	<u>None</u> (Yes - ID well(s)/No)
Cumulative Free Product Recovered to Date:	<u>None</u> (gallons)
Water Wells or Surface Waters w/in a 2000'	<u>43,632</u> (gallons)
Radius and Respective Direction:	<u>Lake Union</u>
Current Remedial Action:	<u>400 ft North</u> (Distance and Direction) <u>AS/SVE</u> (SVE/AS/P&T/DVE/ Product Removal/Bio/etc.)
Permits for Discharge:	<u>PSCAA No. 8905</u> (NPDES, POTW, etc.)



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DISCUSSION

Well Installation and Soil Sampling

- During groundwater monitoring activities in 2004, Delta personnel observed that Well MW-3 had likely been destroyed and paved over with concrete when a new dumpster enclosure was installed at the site. Due to placement of the large dumpster within the enclosure, Delta determined that MW-3 would not be accessible if the well could be recovered. Therefore, a new well (MW-3A) was installed within the dumpster enclosure in a more accessible location. Delta directed Cascade Drilling Inc. (Cascade) of Woodinville, Washington, to install replacement Well MW-3A on March 15, 2005.
- Following concrete coring, the boring for MW-3A was cleared to approximately five feet below ground surface with an air-knife, and then advanced to approximately 21.5 feet below ground surface using hollow-stem auger drilling equipment provided by Cascade. Soil samples were collected at depths of 3 feet, 6 feet, 7.5 feet, 9 feet and 10.5 feet below ground surface using a hand auger for the 3-foot sample depth and a split-spoon sampler driven ahead of the drill bit into undisturbed formation materials for the deeper sample depths. Due to poor recovery, no samples were collected at deeper depths. However, the driller noticed that wood debris was present at the 15-foot and 20-foot depths in the boring. Delta collected a sample of the wood at the 20-foot depth and placed it in a plastic bag. A Delta geologist examined and described each sample using the Unified Soil Classification System and standard geologic techniques. A description of each sample was recorded on a boring log form.
- The boring was completed as a groundwater monitoring well using 2-inch-diameter, flush-threaded, Schedule 40 PVC well screen and blank riser pipe. The well was constructed using a 15 foot length of 0.010-inch factory slotted PVC well screen placed between 20 and 5 feet below ground surface. A filter pack of washed silica sand was placed around the screened interval concurrent with removal of the augers. A surface seal of bentonite chips was placed from the top of the filter pack to within approximately 1 foot of ground surface. A flush-mount security casing was then cemented in place over the well head. The boring log illustrating sampling intervals, lithologic descriptions, and well completion details is included with this report.
- Well MW-3A was developed by using an electric submersible pump to remove fine-grained materials entering the well from the material surrounding the well screen. Approximately 10 gallons of water were purged from the well during development.
- Drill cuttings, development water, and decontamination fluids were placed in labeled 55-gallon drums. These drums were transported to TPS Technologies in Tacoma, Washington, for treatment by thermal desorption.



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- Following installation of monitoring well MW-3A, Delta directed Cascade to install two six-inch diameter steel bollards within the dumpster enclosure. One of the bollards was installed immediately south of the new well for protection and to keep the well accessible by preventing direct placement of a dumpster over the well. The other bollard was installed adjacent to the eastern fence of the enclosure to prevent damage to remedial system equipment located in the adjacent system enclosure. The bollard was installed next to the fence in response to prior observations of damage, which most likely occurred during movement/placement of the large dumpster by the garbage truck. Prior to installation of each bollard, concrete was cored and each hole was cleared using an air-knife. Soil cuttings were placed in labeled 55-gallon drums and stored with the drill cuttings from the well installation.
- Concentrations of TPH-G, ethylbenzene, and xylenes were detected above laboratory reporting limits in two of the soil samples submitted for analysis. The sample collected from the 9-foot depth contained concentrations of TPH-G, ethylbenzene, and xylenes at 0.345 milligrams per kilogram (mg/kg), 0.00303 mg/kg, and 0.00372 mg/kg, respectively. The sample collected from the 10.5-foot depth contained concentrations of TPH-G, ethylbenzene, and xylenes at 2.18 mg/kg, 0.0259 mg/kg, and 0.1359 mg/kg, respectively. Soil sample results are shown in Table 2 and laboratory analytical results are attached.
- Concentrations of TPH-D, TPH-O, benzene, toluene, and total lead were not detected above laboratory reporting limits in any of the soil samples submitted for analysis.

Groundwater Monitoring

- Groundwater was monitored at the site on March 17, 2005. No measurable free product was present in any of the wells monitored during this event. However, a sheen was observed on the groundwater sample from Well MW-40.
- TPH-G was detected above the laboratory reporting limit in groundwater samples collected from Wells MW-3A, MW-33, MW-35, MW-37, MW-40, MW-45, MW-47, MW-50, MW-52, and MW-53, at concentrations ranging from 106 ppb (MW-33) to 1,610 ppb (MW-3A).
- TPH-D was detected above the laboratory reporting limit in groundwater samples collected from Wells MW-37, MW-40, MW-50, and MW-53 at concentrations of 259 ppb, 758 ppb, 1,060 ppb, and 293 ppb, respectively.
- TPH-O was detected above the laboratory reporting limit in groundwater samples collected from Wells MW-40 and MW-50 at concentrations of 4,130 ppb and 506 ppb, respectively.
- Benzene was detected above the laboratory reporting limit in groundwater samples collected from Wells MW-3A, MW-33, MW-34, MW-43, MW-45, MW-50, MW-52, and MW-53, at concentrations ranging from 2.2 ppb (MW-43) to 106 ppb (MW-34).
- Toluene was detected above the laboratory reporting limit in groundwater samples collected from Wells MW-3A, MW-33, MW-37, MW-45, MW-50, and MW-53 at concentrations ranging from 1.08 ppb (MW-45) to 3.25 ppb (MW-53).

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- Ethylbenzene was detected above the laboratory reporting limit in groundwater samples collected from Wells MW-3A, MW-33, MW-45, MW-50, MW-52, and MW-53 at concentrations ranging from 2.49 ppb (MW-45) to 40.9 ppb (MW-53).
- Total xylenes were detected above the laboratory reporting limit in groundwater samples collected from MW-3A, MW-33, MW-37, MW-45, MW-50, MW-52 and MW-53 at concentrations ranging from 3.75 ppb (MW-52) to 156.8 ppb (MW-3A).
- Purge water was treated through activated carbon and discharged into a small landscaped area on site.
- Concentrations of TPH and BTEX compounds in impacted wells at the site have shown a general decrease since the current remediation system began operating in August 2003.

LIMITATIONS

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

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

Sincerely,

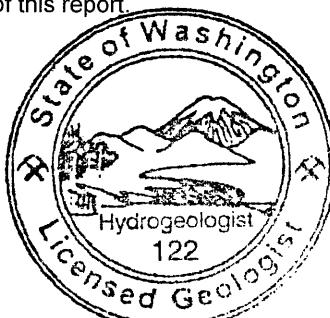
DELTA ENVIRONMENTAL CONSULTANTS, INC.



Tena Seeds, E.I.T.
Project Engineer



Eric Larsen, L.H.G.
Senior Geologist



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

ATTACHMENTS

- Table 1 – Groundwater Analytical Results and Water Table Elevations
- Table 2 – Replacement Well Installation - Soil Analytical Results
- Figure 1 – Site Map with Groundwater Elevations and Petroleum Hydrocarbon and BTEX Concentrations
- Figure 2 – Well MW-3A and Bollard Locations
- Boring Log MW-3A
- Laboratory Analytical Reports and Chain-of-Custody Documentation
- Groundwater Sampling Procedures and Field Sheets

TABLE 1
GROUNDWATER ANALYTICAL RESULTS AND WATER TABLE ELEVATIONS
 ConocoPhillips Site No. 255353
 600 Westlake Avenue N.
 Seattle, Washington

Sample I.D.	Sample TOC	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)
SMW-3	06/20/00 ²	<50.0	<250	<750	<0.500	0.59	<0.500	1.86	--	8.89	0.00	--
-- ¹	12/19/00	--	--	--	--	--	--	--	--	NM	NM	--
	06/15/01 ²	<50.0	368	<866	<0.500	<0.500	<0.500	<1.00	--	7.23	0.00	--
	06/26/01	--	--	--	--	--	--	--	--	NM	NM	--
	09/07/01 ²	<50.0	385	<571	<0.500	<0.500	<0.500	<1.00	--	9.19	0.00	--
	10/10/01	--	--	--	--	--	--	--	--	NM	NM	--
	12/28/01	<50.0	1,160	<500	<0.500	0.902	<0.500	2.78	--	8.89	0.00	--
	03/08/02	--	--	--	--	--	--	--	--	NM	NM	--
	06/24/02	--	--	--	--	--	--	--	--	NM	NM	--
	09/26/02	<100	<250	<500	1.83	<2.00	<1.00	<1.50	--	10.32	0.00	--
	12/12/02	--	--	--	--	--	--	--	--	NM	NM	--
	03/13/03	<50.0	<250	<500	<0.500	<0.500	<0.500	<1.00	--	10.99	0.00	--
	06/12/03	--	--	--	--	--	--	--	--	NM	NM	--
	09/19/03	<50.0	<287	<575	<0.500	<0.500	<0.500	<1.00	--	11.00	0.00	--
	01/14/04	--	--	--	--	--	--	--	--	NM	NM	--
	03/30/04	<100	<119	<238	<1	<1	<1	<2	2.10	10.42	0.00	--
	06/22/04	--	--	--	--	--	--	--	--	NM	NM	--
	09/29/04	56	<242	<483	<0.50	<0.50	<0.50	<1.0	0.1	11.67	0.00	--
	12/29/04	--	--	--	--	--	--	--	--	NM	NM	--
	03/17/05	<100	<248	<495	<1	<1	<1	<2	1.2	11.68	0.00	
MW-3	10/10/01	14,100	4,060	1,990	1,070	<25.0	1,040	292	--	10.11	0.00	--
--	12/28/01	3,340	1,810	<500	92.6	4.62	146	51.2	--	9.61	0.00	--
	03/08/02	--	--	--	--	--	--	--	--	NM	NM	--
	06/24/02	--	--	--	--	--	--	--	--	NM	NM	--
	09/26/02 ³	10,500	1,820	<500	326	14.0	685	447	--	10.96	0.00	--
	12/12/02	--	--	--	--	--	--	--	--	NM	NM	--
	03/13/03	17,200	1,440	<595	86.6	38.1	434	798	--	7.87	0.00	--
	06/12/03	--	--	--	--	--	--	--	--	NM	NM	--
	09/19/03	--	--	--	--	--	--	--	--	NM	NM	--
	01/14/04	--	--	--	--	--	--	--	--	NM	NM	--
	03/30/04	3,040	1,950	<285	57.1	<5	24.3	23.57	0.79	9.90	0.00	--
	06/22/04	--	--	--	--	--	--	--	--	NM	NM	--
	09/29/04	Paved over with concrete							--	NM	NM	--
MW-3A	03/17/05	1,610	<251	<502	2.54	1.23	30.9	156.8	0.7	11.00	0.00	-- ¹

TABLE 1
GROUNDWATER ANALYTICAL RESULTS AND WATER TABLE ELEVATIONS
ConocoPhillips Site No. 255353
600 Westlake Avenue N.
Seattle, Washington

Sample I.D.	Sample TOC	TPH-Gasoline	TPH-Diesel	TPH-Oil	Benzene	Toluene	Ethylbenzene	Xylenes	DO (mg/l)	DTW (feet)	SPH (feet)	GWE (feet)
MW-32A	06/20/00	--	--	--	--	--	--	--	--	11.40	0.00	9.30
20.70	12/19/00 ²	7,010	1,740	<750	4,430	136	438	182	--	10.90	0.00	9.80
	06/15/01 ²	13,700	2,810	<846	2,370	11.2	272	31.1	--	11.31	0.00	9.39
	06/26/01 ²	15,500	1,620	<750	8,780	1,110	1,230	1,020	--	11.85	0.00	8.85
	09/07/01 ²	17,100	4,220	822	5,870	19.9	684	110	--	10.81	0.00	9.89
	10/10/01	--	--	--	--	--	--	--	--	NM	NM	--
	12/28/01	12,200	4,260	711	3,570	180	537	393	--	11.29	0.00	9.41
	03/08/02	16,400	4,140	769	4,900	142	619	247	--	11.49	0.00	9.21
	06/24/02	6,850	2,040	577	2,820	7.43	221	59.1	--	11.56	0.00	9.14
	09/26/02 ³	6,580	3,740	670	1,930	31.4	204	89.7	--	12.88	0.00	7.82
	12/12/02	6,750	3,530	528	1,450	55.6	229	283	--	12.72	0.00	7.98
	03/13/03	13,000	2,550	<581	1,990	222	419	806	--	10.95	0.00	9.75
	06/12/03	17,400	2,730	<500	4,830	200	745	262	--	11.92	0.00	8.78
	09/19/03	1,420	<294	<588	64.2	42.7	7.49	135	--	12.67	0.00	8.03
	01/14/04	1,580	316	<253	28.9	4.13	13.1	32.5	3.1	11.33	0.00	9.37
	03/30/04	7,310	838	<276	18.3	<10	209	122	2.43	12.39	0.00	8.31
	06/22/04	3,330	1,470	381	149	<10	72.5	43.8	0.5	12.62	0.00	8.08
	09/29/04	330	<242	<484	13	1.6	3.7	39	6.1	9.20	0.00	11.50
	12/29/04	1,500	592	<478	71	<5	30.9	31.2	1.0	12.24	0.00	8.46
	03/17/05	<100	<239	<478	<1	<1	<1	<2	0.9	12.31	0.00	8.39
MW-33	06/20/00	--	--	--	--	--	--	--	--	11.33	0.00	9.42
20.75	12/19/00	Inaccessible							--	NM	NM	--
	06/15/01	LPH Present							--	12.72	2.50	10.03
	06/26/01	--	--	--	--	--	--	--	--	NM	NM	--
	09/07/01	LPH Present							--	NM	0.30	--
	10/10/01	--	--	--	--	--	--	--	--	NM	NM	--
	12/28/01	141,000	25,200	2,680	5,360	32,500	3,410	22,700	--	11.21	0.00	9.54
	03/08/02	126,000	31,400	3,420	2,660	21,600	3,420	24,800	--	11.37	0.00	9.38
	06/24/02	205,000	51,700	14,000	1,510	14,200	3,770	28,900	--	11.36	0.00	9.39
	09/26/02	LPH Present							--	12.45	0.10	8.38
	12/12/02	--	--	--	--	--	--	--	--	12.34	0.00	8.41
	03/13/03	--	--	--	--	--	--	--	--	10.59	0.00	10.16
	06/12/03	30,900	4,170	<562	396	526	474	3,890	--	11.65	Sheen	9.10
	09/19/03	125	<291	<581	0.704	<0.500	<0.500	4.30	--	6.70	0.00	14.05
	01/14/04	524	<135	<271	17	3.7	7.65	31	0.6	12.03	0.00	8.72
	03/30/04	2,680	725	<256	218	14.7	53.2	150.4	1.72	12.49	0.00	8.26
	06/22/04	3,500	1,330	443	197	12.1	99.2	217.3	1.2	12.66	0.00	8.09
	09/29/04	290	290	<511	12	1.9	5.6	22	7.2	9.60	0.00	11.15
	12/29/04	2,860	795	<491	91	30.9	49.4	169.3	0.1	12.14	0.00	8.61
	03/17/05	106	<239	<478	8.23	1.23	4.6	9.55	4.6	12.07	0.00	8.68

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MW-34	06/20/00 ²	25,000	<250	<750	6,360	480	2,190	3,930	--	11.68	0.00	9.74
21.42	12/19/00	--	--	--	--	--	--	--	--	NM	NM	--
	06/15/01 ²	25,800	4,780	<883	5,300	90	1,930	2,190	--	11.85	0.00	9.57
	06/26/01	--	--	--	--	--	--	--	--	NM	NM	--
	09/07/01 ²	17,800	4,510	722	3,540	44.9	1,510	2,180	--	11.86	0.00	9.56
	10/10/01	--	--	--	--	--	--	--	--	NM	NM	--
	12/28/01	19,000	8,400	752	5,320	1,200	406	1,010	--	11.46	0.00	9.96
	03/08/02	59,200	8,550	661	7,200	8,610	2,190	8,200	--	11.70	0.00	9.72
	06/24/02	12,500	4,200	614	2,140	651	659	1,160	--	11.91	0.00	9.51
	09/26/02 ³	13,800	6,270	<1,160	5,840	21.8	280	87	--	12.80	0.00	8.62
	12/12/02	14,500	11,000	681	5,130	44.7	333	224	--	12.98	0.00	8.44
	03/13/03	25,600	6,480	<500	6,030	668	775	1,130	--	11.67	0.00	9.75
	06/12/03	13,000	2,880	<500	1,590	735	450	1,360	--	12.04	0.00	9.38
	09/19/03	351	<301	<602	9.91	11.7	6.48	34.6	--	12.83	0.00	8.59
	01/14/04	160	<122	<245	23.7	<0.5	2.11	<1	0.2	12.00	0.00	9.42
	03/30/04	15,100	1,120	<300	3,060	238	564	846.6	1.68	12.62	0.00	8.80
	06/22/04	6,760	1,900	<238	2,320	14.3	395	279.8	0.5	12.88	0.00	8.54
	09/29/04	310	306	<505	10	<0.50	3.5	8.2	0.4	11.38	0.00	10.04
	12/29/04	2,590	481	<504	320	<10	83.8	101.4	2.0	12.67	0.00	8.75
	03/17/05	<100	<239	<478	<1	<1	<1	<2	0.4	12.66	0.00	8.76
MW-35	06/20/00	Obstructed by vehicle							--	NM	NM	--
20.10	12/19/00	Obstructed by vehicle							--	NM	NM	--
	06/15/01	--	--	--	--	--	--	--	--	NM	NM	--
	06/26/01 ²	504	464	<750	11.3	27.5	5.52	28.4	--	10.60	0.00	9.50
	09/04/01 ²	263	903	<564	2.36	<0.500	<0.500	<1.00	--	10.54	0.00	9.56
	10/10/01	--	--	--	--	--	--	--	--	NM	NM	--
	12/28/01	691	1,160	<500	28.7	0.898	14.1	13.2	--	10.54	0.00	9.56
	03/08/02	638	1,100	<500	16.2	0.939	7.05	6.91	--	10.72	0.00	9.38
	06/24/02	Obstructed by vehicle							--	NM	NM	--
	09/26/02b	555	1,420	<500	9.49	<2.00	1.78	<1.50	--	11.90	0.00	8.20
	12/12/02	Obstructed by vehicle							--	NM	NM	--
	03/13/03	13,500	1,430	<500	749	153	791	2,160	--	9.87	0.00	10.23
	06/12/03	3,930	973	<562	338	21.2	49.9	222	--	11.91	0.00	8.19
	09/19/03	517	<373	<746	7.29	4.32	1.86	14.6	--	12.18	0.00	7.92
	01/14/04	614	142	<256	1.45	<0.5	0.657	0.568	0.3	11.33	0.00	8.77
	03/30/04	541	196	<257	<1	<1	<1	<2	1.46	11.69	0.00	8.41
	06/22/04	526	210	<238	1.27	<1	<1	<2	1.5	11.91	0.00	8.19
	09/29/04	250	248	<487	0.50	<0.50	1.1	2.1	0.1	11.77	0.00	8.33
19.45 ⁴	12/29/04	280	<255	<510	<1	<1	<1	<2	0.1	10.64	0.00	8.81
	03/17/05	168	<239	<478	<1	<1	<1	<2	0.7	10.88	0.00	8.57

TABLE 1
GROUNDWATER ANALYTICAL RESULTS AND WATER TABLE ELEVATIONS
 ConocoPhillips Site No. 255353
 600 Westlake Avenue N.
 Seattle, Washington

Sample I.D.	Sample TOC	TPH-Gasoline	TPH-Diesel	TPH-Oil	Benzene	Toluene	Ethylbenzene	Xylenes	DO (mg/l)	DTW (feet)	SPH (feet)	GWE (feet)
MW-36	06/20/00 ²	172	<250	<750	<0.500	0.583	1.78	11.1	--	8.47	0.00	9.33
17.80	12/19/00 ²	106	<250	<750	0.529	1.51	1.08	7.14	--	9.50	0.00	8.30
	06/15/01 ²	<50.0	298	<750	0.691	0.648	0.530	1.53	--	8.00	0.00	9.80
	06/26/01	--	--	--	--	--	--	--	--	NM	NM	--
	09/07/01 ²	<50.0	<250	<500	0.897	<0.500	<0.500	<1.00	--	8.70	0.00	9.10
	10/10/01	--	--	--	--	--	--	--	--	NM	NM	--
	12/28/01	<50.0	387	<500	0.773	0.748	<0.500	1.78	--	9.57	0.00	8.23
	03/08/02	--	--	--	--	--	--	--	--	NM	NM	--
	06/24/02	--	--	--	--	--	--	--	--	NM	NM	--
	09/26/02	<100	<250	<500	0.735	<2.00	<1.00	<1.50	--	10.16	0.00	7.64
	12/12/02	--	--	--	--	--	--	--	--	NM	NM	--
	03/13/03	<50.0	<250	<500	0.830	<0.500	<0.500	<1.00	--	9.34	0.00	8.46
	06/12/03	--	--	--	--	--	--	--	--	NM	NM	--
	09/19/03	<50.0	<287	<575	1.44	0.561	<0.500	<1.00	--	10.23	0.00	7.57
	01/14/04	--	--	--	--	--	--	--	--	NM	NM	--
	03/30/04	<100	<133	<267	<1	<1	<1	<2	1.10	9.46	0.00	8.34
	06/22/04	--	--	--	--	--	--	--	--	NM	NM	--
	09/29/04	<50	<250	<500	0.90	<0.50	<0.50	<1.0	0.8	9.78	0.00	8.02
	12/29/04	--	--	--	--	--	--	--	--	NM	NM	--
	03/17/05	<100	<246	<492	<1	<1	<1	<2	0.1	8.66	0.00	9.14
MW-37	06/20/00	--	--	--	--	--	--	--	--	11.50	--	9.51
21.01	12/19/00	LPH Present							--	11.50	0.50	9.91
	06/15/01 ²	LPH Present							--	11.35	0.03	9.68
	06/26/01	--	--	--	--	--	--	--	--	NM	NM	--
	09/07/01 ²	159,000	22,100	14,600	3,420	12,600	4,440	27,000	--	11.43	0.00	9.58
	10/10/01	--	--	--	--	--	--	--	--	NM	NM	--
	12/28/01 ²	LPH Present							--	11.00	0.20	10.17
	03/08/02	LPH Present							--	11.61	0.40	9.72
	06/24/02	Inaccessible							--	NM	NM	--
	09/26/02	--	--	--	--	--	--	--	--	12.38	0.00	8.63
	12/12/02	--	--	--	--	--	--	--	--	12.35	0.00	8.66
	03/13/03	--	--	--	--	--	--	--	--	11.10	0.00	9.91
	06/12/03	1,450	474	<568	22.9	43.2	15.8	85.5	--	11.61	0.00	9.40
	09/19/03	141	<298	<595	<0.500	<0.500	<0.500	1.01	--	11.95	0.00	9.06
	01/14/04	471	<127	<255	4.56	<0.5	9.01	27.75	0.5	12.12	0.00	8.89
	03/30/04	572	180	<281	5.77	<1	<1	1.53	1.50	12.73	0.00	8.28
	06/22/04	737	487	294	3.26	3.66	1.46	14.25	1.0	12.29	0.00	8.72
	09/29/04	190	419	<496	<0.50	<0.50	0.67	1.3	2.0	10.89	0.00	10.12
	12/29/04	430	<262	<524	18.2	2.27	1.08	11.22	1.5	11.90	0.00	9.11
	03/17/05	250	259	<476	<1	1.27	<1	4.22	2.5	12.18	0.00	8.83

TABLE 1
GROUNDWATER ANALYTICAL RESULTS AND WATER TABLE ELEVATIONS
 ConocoPhillips Site No. 255353
 600 Westlake Avenue N.
 Seattle, Washington

Sample I.D.	Sample TOC	TPH-Gasoline	TPH-Diesel	TPH-Oil	Benzene	Toluene	Ethylbenzene	Xylenes	DO (mg/l)	DTW (feet)	SPH (feet)	GWE (feet)
MW-38	06/20/00	--	--	--	--	--	--	--	--	NM	NM	--
16.52	12/19/00	--	--	--	--	--	--	--	--	NM	NM	--
	06/15/01	--	--	--	--	--	--	--	--	NM	NM	--
	06/26/01	--	--	--	--	--	--	--	--	NM	NM	--
	09/07/01	--	--	--	--	--	--	--	--	NM	NM	--
	10/10/01	--	--	--	--	--	--	--	--	NM	NM	--
	12/28/01	<50.0	403	<500	0.636	1.33	0.554	2.59	--	8.96	0.00	7.56
	03/08/02	--	--	--	--	--	--	--	--	NM	NM	--
	06/24/02	--	--	--	--	--	--	--	--	NM	NM	--
	09/26/02 ³	<100	282	<500	0.743	<2.00	<1.00	<1.50	--	8.87	0.00	7.65
	12/12/02	--	--	--	--	--	--	--	--	NM	NM	--
	03/13/03	<50.0	<250	<500	<0.500	<0.500	<0.500	<1.00	--	7.84	0.00	8.68
	06/12/03	--	--	--	--	--	--	--	--	NM	NM	--
	09/19/03	<50.0	<250	<500	0.704	1.42	0.722	3.72	--	8.90	0.00	7.62
	01/14/04	--	--	--	--	--	--	--	--	NM	NM	--
	03/30/04	<100	<133	<266	<1	<1	<1	<2	0.90	8.09	0.00	8.43
	06/22/04	--	--	--	--	--	--	--	--	NM	NM	--
	09/29/04	Unable to locate due to road construction activities							--	NM	NM	--
	12/29/04	--	--	--	--	--	--	--	--	NM	NM	--
	03/17/05	<100	<250	<499	<1	<1	<1	<2	0.4	8.32	0.00	8.20
MW-40	06/20/00	--	--	--	--	--	--	--	--	NM	NM	--
20.89	12/09/00	--	--	--	--	--	--	--	--	NM	NM	--
	12/19/00	--	--	--	--	--	--	--	--	NM	NM	--
	06/15/01	--	--	--	--	--	--	--	--	NM	NM	--
	06/26/01	--	--	--	--	--	--	--	--	NM	NM	--
	09/07/01	--	--	--	--	--	--	--	--	NM	NM	--
	10/10/01	--	--	--	--	--	--	--	--	NM	NM	--
	12/28/01	449	4,000	5,090	2.12	2.19	1.38	3.88	--	10.75	0.00	10.14
	03/08/02	--	--	--	--	--	--	--	--	NM	NM	--
	06/24/02	--	--	--	--	--	--	--	--	NM	NM	--
	09/26/02	331	2,810	3,470	1.92	<2.00	<1.00	<1.50	--	12.69	0.00	8.20
	12/12/02	--	--	--	--	--	--	--	--	NM	NM	--
	03/13/03	509	2,010	2,010	<0.500	<0.500	0.630	1.77	--	11.30	0.00	9.59
	06/12/03	--	--	--	--	--	--	--	--	NM	NM	--
	09/19/03	259	393	1,120	2.64	3.01	1.39	6.77	--	12.46	0.00	8.43
	01/14/04	--	--	--	--	--	--	--	--	NM	NM	--
	03/30/04	627	863	3,360	3.69	<1	<1	<2	1.71	11.55	sheen	9.34
	06/22/04	--	--	--	--	--	--	--	--	NM	NM	--
	09/29/04	390	32,800	219,000	<0.50	<0.50	<0.50	<1.0	1.4	12.03	sheen	8.86
	12/29/04	--	--	--	--	--	--	--	--	NM	NM	--
	03/17/05	402	758	4,130	<1	<1	<1	<2	0.2	11.89	sheen	9.00

TABLE 1
GROUNDWATER ANALYTICAL RESULTS AND WATER TABLE ELEVATIONS
 ConocoPhillips Site No. 255353
 600 Westlake Avenue N.
 Seattle, Washington

Sample I.D.	Sample TOC	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)
MW-42	06/20/00	--	--	--	--	--	--	--	--	NM	NM	--
20.34	12/19/00	--	--	--	--	--	--	--	--	NM	NM	--
	06/15/01	--	--	--	--	--	--	--	--	9.41	0.00	10.93
	06/26/01	--	--	--	--	--	--	--	--	NM	NM	--
	09/07/01	--	--	--	--	--	--	--	--	9.66	0.00	10.68
	10/10/01	--	--	--	--	--	--	--	--	NM	NM	--
	12/28/01	--	--	--	--	--	--	--	--	10.28	0.00	10.06
	03/08/02	--	--	--	--	--	--	--	--	9.75	0.00	10.59
	06/24/02	--	--	--	--	--	--	--	--	NM	NM	--
	09/26/02	--	--	--	--	--	--	--	--	10.81	0.00	9.53
	12/12/02	--	--	--	--	--	--	--	--	10.89	0.00	9.45
	03/13/03	--	--	--	--	--	--	--	--	9.77	0.00	10.57
	06/12/03	Monitoring Discontinued							--	NM	NM	--
MW-43	06/20/00 ²	<50.0	<250	<750	3.79	<0.500	<0.500	<1.00	--	11.40	0.00	9.64
21.04	12/19/00 ²	55.9	253	<749	2.97	0.948	0.730	4.78	--	11.40	0.00	9.64
	06/15/01 ²	<50.0	405	<750	0.670	<0.500	<0.500	1.22	--	11.32	0.00	9.72
	06/26/01	--	--	--	--	--	--	--	--	NM	NM	--
	09/07/01 ²	<50.0	<293	<587	<0.500	<0.500	<0.500	<1.00	--	11.46	0.00	9.58
	10/10/01	--	--	--	--	--	--	--	--	NM	NM	--
	12/28/01	52	487	<500	5.61	1.18	0.558	3.34	--	11.17	0.00	9.87
	03/08/02	--	--	--	--	--	--	--	--	NM	NM	--
	06/24/02	--	--	--	--	--	--	--	--	NM	NM	--
	09/26/02 ³	<100	303.00	<500	0.669	<2.00	<1.00	<1.50	--	12.28	0.00	8.76
	12/12/02	--	--	--	--	--	--	--	--	NM	NM	--
	03/13/03	<50.0	<321	<641	0.883	<0.500	<0.500	<1.00	--	11.20	0.00	9.84
	06/12/03	--	--	--	--	--	--	--	--	NM	NM	--
	09/19/03	<50.0	<291	<581	1.76	<0.500	<0.500	<1.00	--	12.37	0.00	8.67
	01/14/04	--	--	--	--	--	--	--	--	NM	NM	--
	03/30/04	<100	<129	<258	<1	<1	<1	<2	1.76	11.95	0.00	9.09
	06/22/04	--	--	--	--	--	--	--	--	NM	NM	--
	09/29/04	180	<249	<499	3.6	<0.50	<0.50	<1.0	0.1	12.00	0.00	9.04
	12/29/04	--	--	--	--	--	--	--	--	NM	NM	--
	03/17/05	<100	<250	<501	2.2	<1	<1	<2	0.8	11.69	0.00	9.35

TABLE 1
GROUNDWATER ANALYTICAL RESULTS AND WATER TABLE ELEVATIONS
 ConocoPhillips Site No. 255353
 600 Westlake Avenue N.
 Seattle, Washington

Sample I.D.	Sample TOC	TPH-Gasoline	TPH-Diesel	TPH-Oil	Benzene	Toluene	Ethylbenzene	Xylenes	DO (mg/l)	DTW (feet)	SPH (feet)	GWE (feet)
MW-44	06/20/00 ²	<50.0	<250	<750	<0.500	<0.500	<0.500	<1.00	--	9.53	0.00	9.20
18.73	12/19/00 ²	301	330	<750	<0.500	1.64	2.76	22.1	--	9.20	0.00	9.53
	06/15/01 ²	<50.0	468	<841	<0.500	<0.500	<0.500	<1.00	--	8.44	0.00	10.29
	06/26/01	--	--	--	--	--	--	--	--	NM	NM	--
	09/07/01 ²	10,300	4,250	849	1,050	6.97	945	51.0	--	9.48	0.00	9.25
	10/10/01	--	--	--	--	--	--	--	--	NM	NM	--
	12/28/01	90.6	823	<500	10.9	1.40	0.644	4.04	--	9.31	0.00	9.42
	03/08/02	--	--	--	--	--	--	--	--	NM	NM	--
	06/24/02	--	--	--	--	--	--	--	--	NM	NM	--
	09/26/02 ³	<100	1,600	569	14.2	<2.00	<1.00	<1.50	--	10.79	0.00	7.94
	12/12/02	--	--	--	--	--	--	--	--	NM	NM	--
	03/13/03	196	347	<575	26.8	<0.500	<0.500	<1.00	--	11.58	0.00	7.15
	06/12/03	--	--	--	--	--	--	--	--	NM	NM	--
	09/19/03	156	<301	<602	20.2	0.997	<0.500	2.61	--	10.97	0.00	7.76
	01/14/04	--	--	--	--	--	--	--	--	NM	NM	--
	03/30/04	<100	<134	<268	<1	<1	<1	<2	1.90	10.01	0.00	8.72
	06/22/04	--	--	--	--	--	--	--	--	NM	NM	--
	09/29/04	--	--	--	--	--	--	--	--	NM	NM	--
	12/29/04	<100	<260	<520	<1	<1	<1	<2	0.30	9.24	0.00	9.49
	03/17/05	<100	<240	<480	<1	<1	<1	<2	0.40	9.48	0.00	9.25
MW-45	09/07/01 ²	<50.0	375	<606	<0.500	<0.500	<0.500	<1.00	--	9.80	0.00	8.31
18.11	10/10/01	--	--	--	--	--	--	--	--	NM	NM	--
	12/28/01	17,300	2,210	597	2,130	73.4	1,330	2,970	--	9.03	0.00	9.08
	03/08/02	15,500	2,380	686	2,090	38.4	1,190	1,650	--	9.12	0.00	8.99
	06/24/02	5,100	1,920	761	1,330	6.39	451	235	--	9.00	0.00	9.11
	09/26/02 ³	2,420	1,190	547	394	3.41	204	106	--	10.20	0.00	7.91
	12/12/02	Obstructed by vehicle							--	NM	NM	--
	03/13/03	3,590	2,050	<500	219	133	99.4	368	--	8.05	0.00	10.06
	06/12/03	10,700	1,470	<575	1,350	10.8	954	631	--	9.16	0.00	8.95
	09/19/03	583	<298	<595	1.93	2.25	5.65	38.6	--	10.68	0.00	7.43
	01/14/04	360	<118	<236	4.97	<0.5	2.48	1.01	0.4	10.12	0.00	7.99
	03/30/04	303	234	<240	<1	<1	<1	<2	0.84	10.19	0.00	7.92
	06/22/04	151	365	358	<1	<1	<1	<2	0.7	10.34	0.00	7.77
	09/29/04	270	<251	<503	<0.50	1.5	0.62	7.3	0.9	10.40	0.00	7.71
	12/29/04	207	<249	<498	2.90	<1	<1	9.04	0.3	9.40	0.00	8.71
	03/17/05	235	<239	<477	5.61	1.08	2.49	19.1	1.2	9.44	0.00	8.67

TABLE 1
GROUNDWATER ANALYTICAL RESULTS AND WATER TABLE ELEVATIONS
 ConocoPhillips Site No. 255353
 600 Westlake Avenue N.
 Seattle, Washington

Sample I.D.	Sample TOC	TPH-Gasoline	TPH-Diesel	TPH-Oil	Benzene	Toluene	Ethylbenzene	Xylenes	DO (mg/l)	DTW (feet)	SPH (feet)	GWE (feet)
MW-46	06/20/00	--	--	--	--	--	--	--	--	NM	NM	--
16.91	12/19/00	226	277	<750	<0.500	2.18	2.53	18.0	--	12.70	0.00	4.21
	06/15/01 ²	<50.0	295	<750	<0.500	<0.500	<0.500	1.39	--	7.19	0.00	9.72
	06/26/01	--	--	--	--	--	--	--	--	NM	NM	--
	09/07/01	--	--	--	--	--	--	--	--	NM	NM	--
	10/10/01	--	--	--	--	--	--	--	--	NM	NM	--
	12/28/01	Covered by asphalt							--	NM	NM	--
	03/08/02	--	--	--	--	--	--	--	--	NM	NM	--
	06/24/02	--	--	--	--	--	--	--	--	NM	NM	--
	09/26/02	Unable to locate							--	NM	NM	--
	12/12/02	--	--	--	--	--	--	--	--	NM	NM	--
	03/13/03	Covered by asphalt							--	NM	NM	--
	06/12/03	--	--	--	--	--	--	--	--	NM	NM	--
	09/19/03	Covered by asphalt							--	NM	NM	--
	01/14/04	Monitoring Discontinued							--	NM	NM	--
MW-47	06/20/00 ²	<50.0	<250	<750	<1.30	<0.500	<0.500	<1.00	--	10.94	0.00	8.89
19.83	12/19/00 ²	1,310	357	<750	<0.500	6.10	10.6	77.3	--	11.20	0.00	8.63
	06/15/01	<50.0	591	<952	0.709	0.504	<0.500	1.18	--	10.98	0.00	8.85
	06/26/01	--	--	--	--	--	--	--	--	NM	NM	--
	09/07/01 ²	<50.0	356	<500	<0.500	<0.500	<0.500	<1.00	--	11.14	0.00	8.69
	10/10/01	--	--	--	--	--	--	--	--	NM	NM	--
	12/28/01	181	542	<500	7.64	1.49	4.79	37.8	--	10.90	0.00	8.93
	03/08/02	--	--	--	--	--	--	--	--	NM	NM	--
	06/24/02	--	--	--	--	--	--	--	--	NM	NM	--
	09/26/02 ³	106	747	<500	2.36	<2.00	<1.00	<1.50	--	11.85	0.00	7.98
	12/12/02	--	--	--	--	--	--	--	--	NM	NM	--
	03/13/03	75.5	<284	<568	<0.500	<0.500	<0.500	<1.00	--	10.91	0.00	8.92
	06/12/03	--	--	--	--	--	--	--	--	NM	NM	--
	09/19/03	76.8	<294	<588	3.41	<0.500	<0.500	1.14	--	12.05	0.00	7.78
	01/14/04	--	--	--	--	--	--	--	--	NM	NM	--
	03/30/04	272	262	980	<1	<1	<1	<2	1.21	11.81	0.00	8.02
	06/22/04	--	--	--	--	--	--	--	--	NM	NM	--
	09/29/04	200	329	735	<0.50	<0.50	<0.50	<1.0	0.2	11.87	0.00	7.96
	12/29/04	--	--	--	--	--	--	--	--	NM	NM	--
	03/17/05	166	<248	<495	<1	<1	<1	<2	0.8	11.62	0.00	8.21

TABLE 1
GROUNDWATER ANALYTICAL RESULTS AND WATER TABLE ELEVATIONS
 ConocoPhillips Site No. 255353
 600 Westlake Avenue N.
 Seattle, Washington

Sample I.D.	Sample TOC	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)
MW-50	10/10/01	8,970	2,200	<606	674	221	382	779	--	11.11	0.00	8.69
19.80	12/28/01	23,200	3,460	<500	1,630	3,690	991	4,480	--	10.45	0.00	9.35
	03/08/02	Obstructed by vehicle							--	NM	NM	--
	06/24/02	8,290	1,970	556	414	23	314	2,010	--	10.84	0.00	8.96
	09/26/02	Obstructed by vehicle							--	NM	NM	--
	12/12/02	Obstructed by vehicle							--	NM	NM	--
	03/13/03	12,200	1,810	<588	733	127	523	1,100	--	9.93	0.00	9.87
	06/12/03	6,450	1,740	<500	448	13.7	299	286	--	11.27	0.00	8.53
	09/19/03	4,440	<250	<500	51.7	315	26.1	462	--	12.05	0.00	7.75
	01/14/04	29,700	1,970	<258	308	502	312	6,180	4.1	11.81	0.00	7.99
	03/30/04	3,330	867	<241	21.8	<5	21.9	226.4	1.69	11.65	0.00	8.15
	06/22/04	2,130	874	<237	14.2	2.4	27.9	85.11	1.1	11.79	0.00	8.01
	09/29/04	3,600	1,330	<502	92	62	100	520	0.2	11.71	0.00	8.09
	12/29/04	1,570	745	<611	9.69	3.88	9.98	27.62	1.5	11.01	0.00	8.79
	03/17/05	1,420	1,060	506	5.82	2.41	10.6	30.59	0.6	11.26	0.00	8.54
MW-51	10/10/01	671	11,700	2,150	10.1	10.4	7.75	16.6	--	11.68	0.00	8.90
20.58	12/28/01	631	2,170	3,100	37.0	75.6	30.4	81.2	--	11.20	0.00	9.38
	03/08/02	102	2,350	1,610	6.22	5.89	3.84	10.4	--	11.38	0.00	9.20
	06/24/02	57.7	2,650	1,730	1.28	1.42	0.699	2.51	--	11.60	0.00	8.98
	09/26/02 ³	<100	1,660	875	0.848	<2.00	<1.00	<1.50	--	12.18	0.00	8.40
	12/12/02	<50.0	2,050	781	<0.500	<0.500	<0.500	<1.00	--	12.28	0.00	8.30
	03/13/03	<50.0	693	<625	<0.500	<0.500	<0.500	<1.00	--	11.05	0.00	9.53
	06/12/03	--	--	--	--	--	--	--	--	NM	NM	--
	09/19/03	52.4	<250	<500	1.47	1.81	0.544	3.59	--	12.42	0.00	8.16
	01/14/04	73.5	<139	<278	<0.25	0.804	<0.5	<1	0.4	11.79	0.00	8.79
	03/30/04	<100	404	401	<1	<1	<1	<2	1.56	12.22	0.00	8.36
	06/22/04	104	129	<237	<1	<1	<1	<2	1.2	12.10	0.00	8.48
	09/29/04	150	<242	<484	<0.50	<0.50	<0.50	<1.0	1.4	12.20	0.00	8.38
	12/29/04	<100	<257	<514	<1	<1	<1	<2	0.1	11.80	0.00	8.78
	03/17/05	<100	<240	<481	<1	<1	<1	<2	1.8	11.58	0.00	9.00

TABLE 1
GROUNDWATER ANALYTICAL RESULTS AND WATER TABLE ELEVATIONS
 ConocoPhillips Site No. 255353
 600 Westlake Avenue N.
 Seattle, Washington

Sample I.D.	Sample TOC	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)
MW-52	10/10/01	13,400	1,460	<582	1,150	<10.0	827	793	--	10.79	0.00	--
-- ¹	12/28/01	7,900	1,690	595	634	5.87	509	479	--	10.22	0.00	--
	03/08/02	10,100	2,790	<602	814	6.30	602	387	--	10.42	0.00	--
	06/24/02	9,820	2,810	640	1,250	<25.0	757	448	--	10.58	0.00	--
	09/26/02 ³	6,600	3,530	<500	943	21.7	600	284	--	11.51	0.00	--
	12/12/02	1,170	7,350	638	120	0.822	73.9	7.30	--	11.61	0.00	--
	03/13/03	4,540	1,530	<568	272	52.7	236	210	--	9.59	0.00	--
	06/12/03	--	--	--	--	--	--	--	--	NM	NM	--
	09/19/03	Obstructed by vehicle							--	NM	NM	--
	01/14/04	905	<126	<252	16.6	0.532	39.6	2.45	0.3	11.00	0.00	--
	03/30/04	738	462	<253	16.8	<1	18.4	24.66	1.31	11.47	0.00	--
	06/22/04	1,600	593	<248	161	<10	70.1	<20	1.5	11.50	0.00	--
	09/29/04	290	<253	<507	4.9	<0.50	4.8	2.3	0.3	11.45	0.00	--
	12/29/04	844	272	<507	28.7	<1	17	9.22	0.4	10.75	0.00	--
	03/17/05	752	<238	<477	18.9	<1	17.6	3.75	0.7	11.00	0.00	--
MW-53	03/13/03	14,000	1,030	<625	398	143	501	1,170	--	11.17	0.00	9.58
20.75	06/12/03	9,700	1,370	<500	553	197	431	1,270	--	12.05	0.00	8.70
	09/19/03	1,470	<250	<500	29.3	6.61	28.5	111	--	12.85	0.00	7.90
	01/14/04	2,770	181	<264	173	3.79	91.7	127.1	0.4	11.70	0.00	9.05
	03/30/04	3,580	686	<237	257	49.7	125	204.8	1.28	12.26	0.00	8.49
	06/22/04	4,820	750	<240	363	85.2	188	425	1.1	12.23	0.00	8.52
	09/29/04	240	311	<509	1.9	<0.50	1.4	6.7	1.9	12.60	0.00	8.15
	12/29/04	2,650	655	<491	225	11.9	92.8	123.4	0.3	11.70	0.00	9.05
	03/17/05	1,560	293	<515	106	3.25	40.9	61.3	1.4	12.97	0.00	7.78

Notes:

µg/l = micrograms per liter

TOC = Top of casing elevation, provided by previous consultants

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

¹ Top of casing elevations for SMW-3, MW-3A, and MW-52 have not been established.

² Well was not purged prior to sample collection.

³ TPH-D & TPH-O did not resemble chromatogram used for quantitation.

⁴ Well casing was trimmed down during monument replacement in December 2004. New TOC elevation surveyed on January 27, 2005.

TABLE 2
REPLACEMENT WELL INSTALLATION - SOIL ANALYTICAL RESULTS
ConocoPhillips Site No. 255353
600 Westlake Avenue N.
Seattle, Washington

Sample I.D.	Sample Date	Sample Depth (feet)	TPH-Gasoline (mg/kg)	TPH-Diesel (mg/kg)	TPH-Oil (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl-benzene (mg/kg)	Xylenes (mg/kg)	Total Lead (mg/kg)
MW-3A-3.0	03/15/05	3.0	<0.102	<28.4	<56.8	<0.00102	<0.00102	<0.00102	<0.00205	<61.8
MW-3A-6.0	03/15/05	6.0	<0.104	<25.6	<51.1	<0.00104	<0.00104	<0.00104	<0.00208	<60.9
MW-3A-7.5	03/15/05	7.5	<0.126	<32.1	<64.3	<0.00126	<0.00126	<0.00126	<0.00251	<60.7
MW-3A-9.0	03/15/05	9.0	0.345	<29.3	<58.5	<0.00107	<0.00107	0.00303	0.00372	<68.5
MW-3A-10.5	03/15/05	10.5	2.18	<31.2	<62.4	<0.0012	<0.0012	0.0259	0.1359	<60.3

Notes:
mg/kg = milligrams per kilogram
<n = Below the detection limit
TPH as Gasoline - Analysis by Northwest Method NWTPH-Gx
TPH as Diesel and Oil - Analysis by Northwest Method NWTPH-Dx
BTEX Compounds - Analysis by EPA Method 8260B
Total Lead - Analysis by EPA Method 6010.

MW-38	G	D	O	B	T	E	X
03/30/04	<100	<133	<266	<1	<1	<1	<2
06/22/04	--	--	--	--	--	--	--
09/29/04	Not accessible due to road construction activities						
12/29/04	--	--	--	--	--	--	--
03/17/05	<100	<250	<499	<1	<1	<1	<2

MW-36	G	D	O	B	T	E	X
03/30/04	<100	<133	<267	<1	<1	<1	<2
06/22/04	--	--	--	--	--	--	--
09/29/04	<50	<250	<500	0.90	<0.50	<0.50	<1.0
12/29/04	--	--	--	--	--	--	--
03/17/05	<100	<246	<492	<1	<1	<1	<2

MW-38
(8.20)

MW-46
(NM)

MW-36
(9.14)

TERRY AVENUE NORTH

MW-48
(8.54)

MW-47
(8.21)

Property Line

Former

Denny's

Restaurant

Remedial

System

Equipment

Enclosure

MW-50
(8.54)

MW-20

MW-45
(8.67)

MW-33
(8.68)

MW-3

MW-32

MW-49

MW-32

MW-3

MW-20

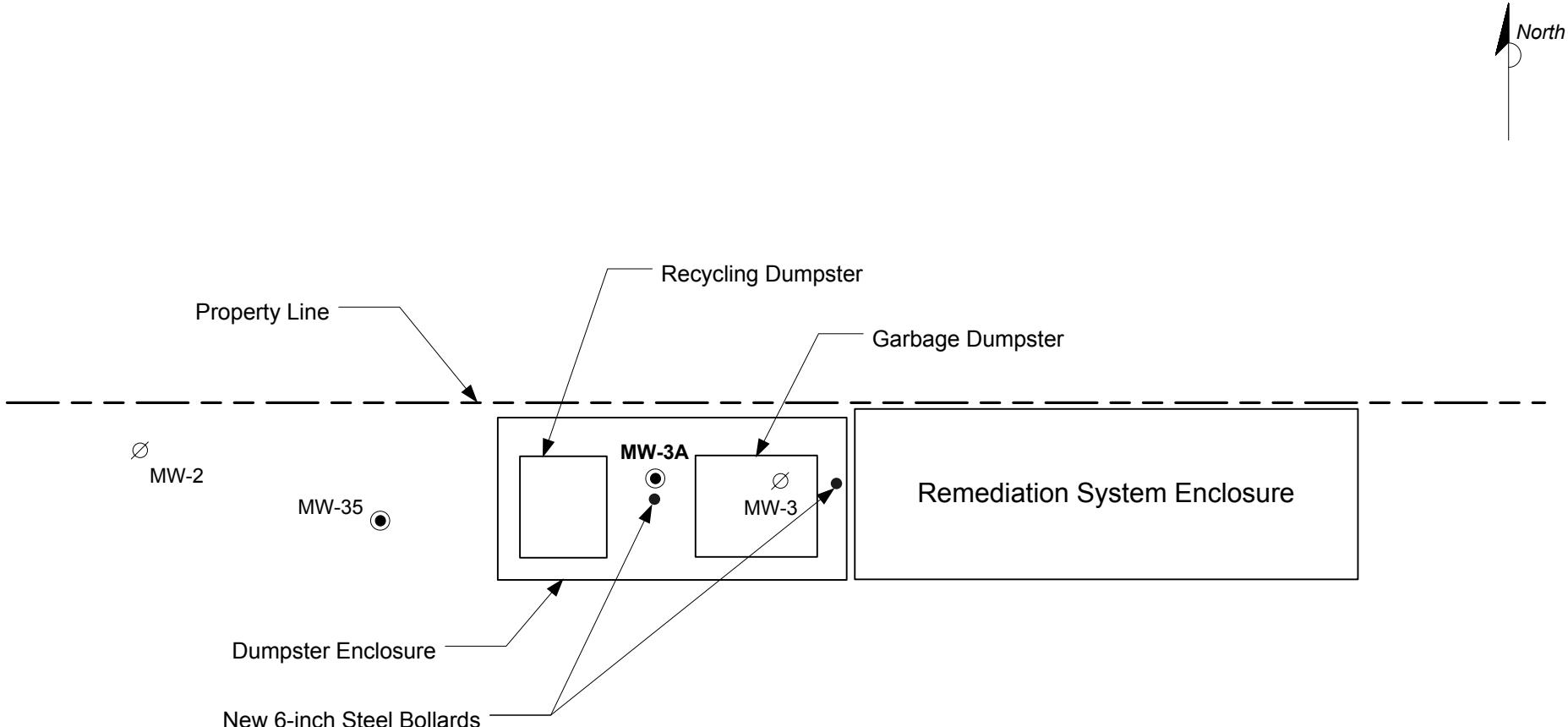


FIGURE 2

WELL MW-3A AND BOLLARD LOCATIONS

CONOCOPHILLIPS SITE NO. 255353
600 WESTLAKE AVENUE NORTH
SEATTLE, WASHINGTON



PROJECT NO. WA255-3508-1	DRAWN BY TS 5/9/05
FILE NO. WA255-3508-1	PREPARED BY TS 5/9/05
REVISION NO. 0	REVIEWED BY EL

BORING LOG MW-3A

Quarterly Groundwater Sampling
ConocoPhillips Site No. 255353

Delta

Environmental
Consultants, Inc.

PROJECT NO:	WA255-3508-1	CLIENT:	ConocoPhillips	BORING/WELL NO: MW-3A
LOGGED BY:	B. Bardsley	LOCATION:	600 Westlake Avenue N, Seattle, WA	PAGE 1 OF 1
DRILLER:	CDI	DATE DRILLED:	3/15/2005	Location Map
DRILLING METHOD:	HSA	HOLE DIAMETER:	8"	
SAMPLING METHOD:	SS	HOLE DEPTH:	21.5'	
CASING TYPE:	PVC	WELL DIAMETER:	2"	
SLOT SIZE:	0.010	WELL DEPTH:	20'	
GRAVEL PACK:	2-12	CASING STICKUP:	0	
	ELEVATION		NORTHING	EASTING

Well Completion		Static Water Level	ELEVATION		NORTHING		EASTING		LITHOLOGY / DESCRIPTION
Backfill	Casing		Moisture Content	PID Reading (ppm)	Penetration (blows/6")	Depth (feet)	Recovery Interval	Soil Type	
BENTONITE									Concrete
SAND									Vac/Air Knife to 5'
									CLAYEY SILT: olive gray; 60% silt; 40% low to medium plasticity clay; moist (fill); wood debris; sample was collected with a hand-auger.
		Dry	0	0	11	5	5	SM	SILTY SAND: grayish brown; 30% silt; 70% fine to medium grained sand.
		Dry	0	0	18	7	7	CL	CLAY: grayish brown; low to medium plasticity; very stiff
		Moist	3	3	8	8	8	CL	CLAY: greenish gray; low to medium plasticity; stiff
		Wet	7	7	11	10	10	CL	CLAY: greenish gray; low to medium plasticity; very stiff
						11	11		
						12	12		
						13	13		
						14	14		
						15	15		(No recovery. Driller noticed wood debris at this depth)
						16	16		
						17	17		
						18	18		
						19	19		
						20	20		(No sample collected; wood debris; collected wood in plastic bag)
						21	21		
						22	22		BOTTOM OF HOLE @ 21.5'

See Figure 2

GROUNDWATER SAMPLING PROCEDURES AND FIELD SHEETS

Quarterly Groundwater Sampling
ConocoPhillips Site No. 255353

GROUNDWATER MONITORING AND SAMPLING

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

GROUNDWATER SAMPLING FIELD SHEET

DELTA PROJECT NUMBER:	WA255-3506-1				CLIENT:	COP					
SITE No./JOB No.:	255353 Seattle				PAGE	1 of 1					
SITE ADDRESS/LOCATION:	600 Westlake Ave N Seattle				DATE:	3-17-05					
FIELD PERSONNEL:	Laura Brock, Brett Burdsley				WEATHER:						
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
SMW-3	1155	2	16.60	11.68	—	—	2.5	2.75	B	1.2	
MW-3A	1055	2	16.00	11.00	—	—	4.6	4.75	—	0.7	Purge dry @ 2.5 gal/l sediment
MW-32A	1330	2	24.20	12.31	—	—	6.1	6.25	—	0.9	
MW-33	1040	2	24.90	12.07	—	—	6.5	6.75	—	4.6	
MW-34	1351	2	25.15	12.66	—	—	6.4	6.5	—	0.4	
MW-35	1237	4	22.60	10.88	—	—	12.5	13.0	—	0.7	Small particles, clear
MW-36	1050	2	18.30	8.66	—	—	4.9	5.0	—	0.1	
MW-37	945	2	19.22	12.18	—	—	3.6	3.75	—	2.5	microbes
MW-38	1230	2	19.80	8.32	—	—	5.9	6.0	—	0.4	New well cap needed
MW-40	1015	2	19.50	11.89	—	—	3.9	4.0	—	0.2	HCO ₃ , sheen,
MW-43	1330	2	21.80	11.69	—	—	5.2	5.5	—	0.8	
MW-44	1115	2	19.50	9.48	—	—	5.1	5.25	—	0.4	sediment
MW-45	1216	2	18.85	9.44	—	—	4.8	5.0	—	1.2	brown particles, clear
MW-47	1400	2	19.25	11.62	—	—	3.9	4.0	—	0.8	
MW-50	1000	2	17.45	11.26	—	—	3.2	3.5	—	0.6	
MW-51	1154	2	15.30	11.58	—	—	1.9	2.0	—	2.6	DO: 1.8 semi-clear
MW-52	1300	2	17.90	11.00	—	—	3.5	3.75	—	0.7	clear
MW-53	1255	2	16.00	12.97	—	—	1.5	1.75	—	1.4	
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:		<input checked="" type="checkbox"/> Treated through mobile carbon treatment unit and discharged on-site <input type="checkbox"/> Placed in drums on site <input type="checkbox"/> Transported off-site for treatment				No. of drums:		Facility/Location:			
Measuring Device(s):		DO, Oil/H ₂ O Interface Probe									
		PID calibrated at 10 ppm									
		DO calibrated at 10% saturation									