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C A M B R I A

May 10, 2004

Mr. Don Hwang
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502

Re: **Groundwater Monitoring Report - First Quarter 2004**
Connell Automobile Dealership
3093 Broadway
Oakland, California
ACHCSA Case No. 469
Cambria Project #425-1580

Alameda County
MAY 13 2004
Environmental Health



Dear Mr. Hwang:

On behalf of Messrs. George Hill and Gordon Linden, Cambria Environmental Technology, Inc. (Cambria) has prepared this *Groundwater Monitoring Report - First Quarter 2004* for the above-referenced site. This report describes the first quarter 2004 activities and results, and the anticipated second quarter 2004 activities.

If you have any questions or comments please call me at (510) 420-3305.

Sincerely,

Cambria Environmental Technology, Inc.

Gretchen Hellmann
Project Engineer

Attachments: Groundwater Monitoring Report - First Quarter 2004

cc: Mr. George Hill, 305 Sheridan Avenue, Piedmont, California 94611
Mr. Gordon Linden, 150 La Salle Avenue, Piedmont, California 94611
Mr. Paul Kibel, Fitzgerald, Abbott & Beardsley, LLP, 1221 Broadway, 21st Floor, Oakland, California 94612
Mr. Leroy Griffin, Hazardous Materials Manager, Fire Department - OES, 1605 MLK Jr. Way, Oakland, California 94612

**Cambria
Environmental
Technology, Inc.**

5900 Hollis Street
Suite A
Emeryville, CA 94608
Tel (510) 420-0700
Fax (510) 420-9170

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GROUNDWATER MONITORING REPORT - FIRST QUARTER 2004

Connell Automobile Dealership

3093 Broadway
Oakland, California
ACHCSA Case No. 469
Cambria Project #425-1580

May 10, 2004

Alameda County
MAY 13 2004
Environmental Health



Prepared for:

Mr. George Hill
305 Sheridan Avenue
Piedmont, California 94611

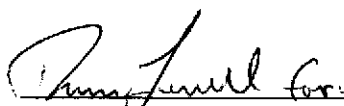
and

Mr. Gordon Linden
150 La Salle Avenue
Piedmont, California 94611

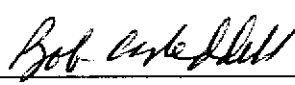
Prepared by:

Cambria Environmental Technology, Inc.
5900 Hollis Street, Suite A
Emeryville, California 94608

Written by:


Sanjiv Gill
Staff Scientist




Bob Clark-Riddell, P.E.
Principal Engineer

GROUNDWATER MONITORING REPORT - FIRST QUARTER 2004

Connell Automobile Dealership
3093 Broadway
Oakland, California
ACHCSA Case No. 469
Cambria Project #425-1580

May 10, 2004



INTRODUCTION

As required by the Alameda County Health Care Services Agency (ACHCSA), Cambria Environmental Technology, Inc. (Cambria) has prepared this *Groundwater Monitoring Report - First Quarter 2004* for the subject site (Figure 1). This report describes the first quarter 2004 monitoring activities and results, and the anticipated second quarter 2004 activities.

FIRST QUARTER 2004 ACTIVITIES


Monitoring Activities

Field Activities: On February 18, 2004, Cambria gauged and inspected all groundwater monitoring wells for separate-phase hydrocarbons (SPH; Figure 1). Groundwater samples were collected from wells MW-4, MW-7, MW-8, MW-9, MW-13, and MW-15 as described by the well sampling protocol in Appendix A, except for metals and SVOC analysis as described below.. Wells MW-2, MW-3, MW-5, MW-10, and MW-11 are no longer a part of the well sampling protocol due to the absence of hydrocarbons and/or redundant locations. Wells MW-1, MW-6, and MW-14 were not sampled due to the presence of SPH in the wells. Field data sheets are presented in Appendix B. The well gauging data has been submitted to the GeoTracker database; Appendix D contains the electronic delivery confirmation.

Sample Analysis: Groundwater samples were analyzed for total petroleum hydrocarbons (TPH) as gasoline (TPHg) and TPH as diesel (TPHd) with silica gel cleanup by EPA Method 8015C; and benzene, toluene, ethylbenzene, xylenes (BTEX), and methyl tertiary butyl ether (MTBE) by EPA Method 8021B. Dissolved oxygen was also measured in all of the wells that were sampled. Laboratory analyses were performed by McCampbell Analytical of Pacheco, California. Laboratory analytical results are shown in Tables 1, 2 and 3, and summarized on Figure 1. The laboratory analytical report and chain of custody are included in Appendix C. The groundwater

analytical results have been submitted to the GeoTracker database; Appendix D contains the electronic delivery confirmation.

Monitoring Results



Groundwater Flow Direction: Based on depth-to-water measurements collected on February 18, 2004, groundwater beneath the site generally flows toward the northeast with a gradient of 0.125 ft/ft (Figure 1). This groundwater gradient is consistent with previous quarters. Depth to water and groundwater elevation data are presented in Table 1.

Hydrocarbon Distribution in Groundwater: SPH were detected in wells MW-1, MW-6, MW-14, and MW-15, ranging from a sheen to 0.05 feet in thickness. Hydrocarbon concentrations were detected in four of the six sampled wells. The maximum TPHg, TPHd, and benzene concentrations were detected in well MW-4 at 110,000 micrograms per liter ($\mu\text{g/L}$), 16,000 $\mu\text{g/L}$, and 11,000 $\mu\text{g/L}$, respectively. No MTBE was detected in any of the sampled wells. The downgradient extent of the groundwater plume is characterized by onsite wells MW-7 and MW-8, and by offsite well MW-13.

Corrective Action Activities

Separate-Phase Hydrocarbon Removal: Cambria conducted SPH removal activities on January 23, February 6, 18, and March 28, 2004. Cambria removed a total of 0.17 gallons of SPH during this quarter from wells MW-1, MW-6, and MW-14. Approximately 153.3 gallons of SPH have been removed since SPH removal activities began in December 1991. Table 4 presents the SPH thickness measurements, amount of SPH removed from the wells, and cumulative volume of SPH removal.

ANTICIPATED SECOND QUARTER 2004 ACTIVITIES

Monitoring Activities

Cambria has requested to skip the second quarter monitoring event or to limit monitoring to the most downgradient onsite well (MW-8). For additional sampling reduction, Cambria also



skipped the annual sample analysis of select wells for SVOCs and metals scheduled for the first quarter. Cambria requests resuming this analysis for the first quarter of 2005. Absent ACHCSA approval for this sampling reduction, Cambria will gauge all wells, check wells for SPH, and collect groundwater samples from all scheduled wells not containing SPH. Groundwater samples will be analyzed for TPHg and TPHd (with silica gel cleanup) by modified EPA Method 8015C, and BTEX and MTBE by EPA Method 8021B. Cambria will summarize groundwater monitoring and corrective action activities in the *Groundwater Monitoring Report - Second Quarter 2004*.

Corrective Action Activities

Cambria will continue to perform monthly SPH removal events by hand-bailing all wells with measurable SPH. Cambria is also awaiting regulatory direction regarding preparation of a feasibility study/corrective action plan.

ATTACHMENTS

Figure 1 – Groundwater Elevation Contours and Hydrocarbon Concentration Map

Table 1 – Groundwater Elevation and Analytical Data

Table 2 – Groundwater Elevation and Analytical Data: Extractable Hydrocarbons and SVOCs

Table 3 – LUFT Metals in Groundwater

Table 4 – Separate-Phase Hydrocarbon Removal

Appendix A – Well Sampling Protocol

Appendix B – Groundwater Monitoring Field Data

Appendix C – Laboratory Analytical Report

Appendix D – GeoTracker Electronic Delivery Confirmations

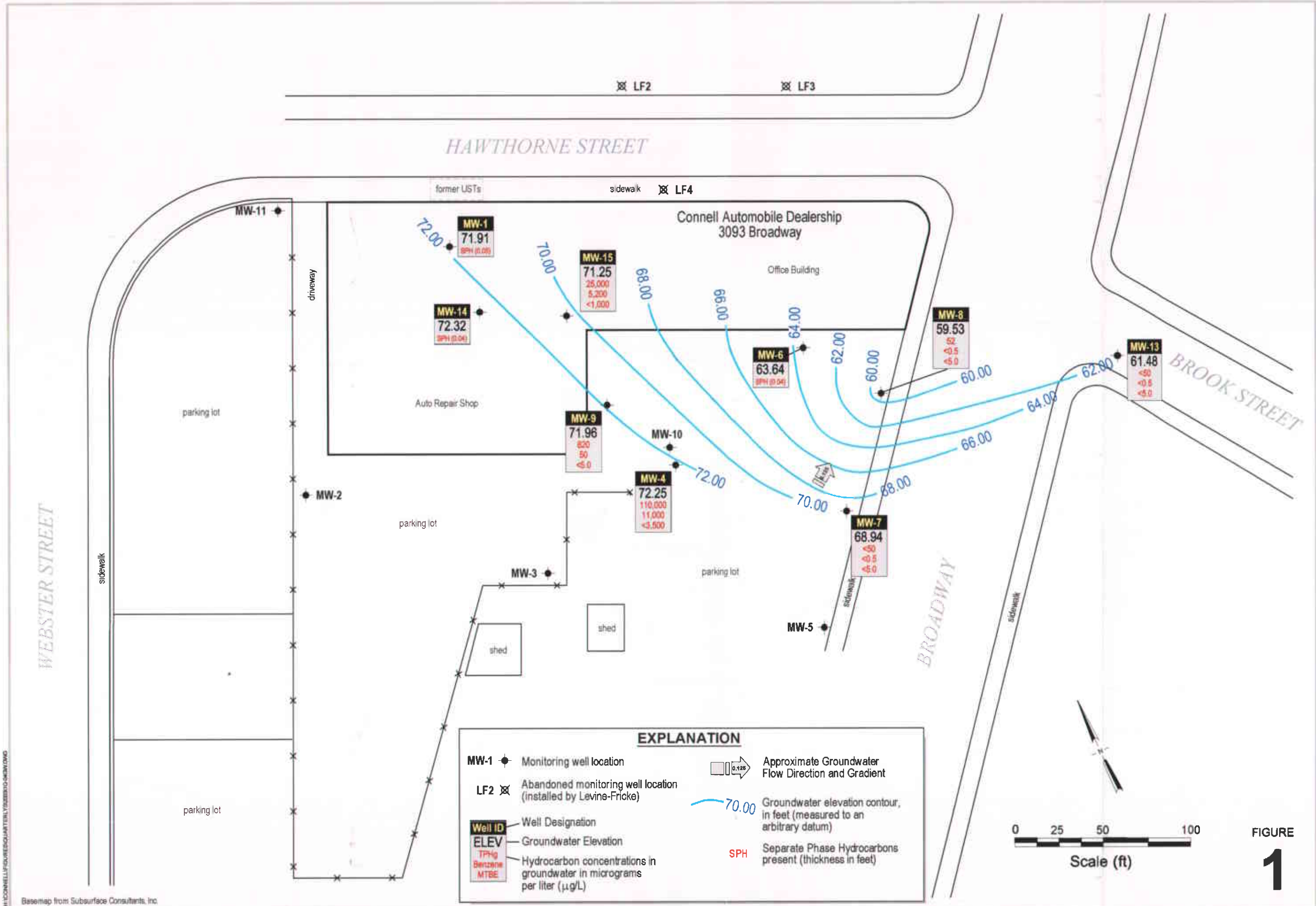
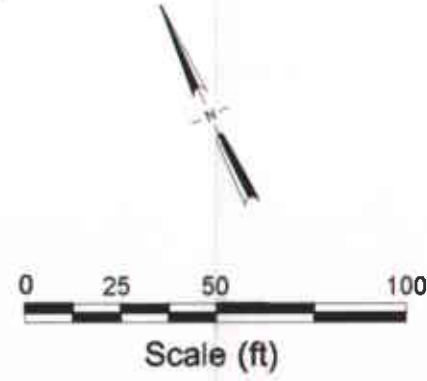


FIGURE 1



11:CONWELL\F04\REG\G04\ART\1\SUB\B0\04\DWG

Basemap from Subsurface Consultants, Inc

CAMBRIA

Table 1. Groundwater Elevation and Analytical Data:
 Connell Automobile Dealership, 3093 Broadway, Oakland, California

Well ID	Sampling	Depth to	Groundwater				Ethyl-			
TOC Elev.	Date	Groundwater	Elevation	TVH/TPHg	Benzene	Toluene	benzene	Xylenes	MTBE	1,2-DCA
(<i>ft</i>)		(ft)	(ft)	($\mu\text{g/L}$)	($\mu\text{g/L}$)	($\mu\text{g/L}$)	($\mu\text{g/L}$)	($\mu\text{g/L}$)	($\mu\text{g/L}$)	($\mu\text{g/L}$)
MW-1	10/5/1990	26.40	68.08	620,000	33,000	50,000	7,900	41,000	--	--
94.48	3/1/1991	27.46	67.02	SPH	--	--	--	--	--	--
	10/12/1992	26.44	68.04	490,000	51,000	59,000	5,000	27,000	--	--
	11/24/1992	26.63	67.85	320,000	35,000	43,000	4,200	22,000	--	--
	4/5/1993	23.77	70.71	270,000	50,000	58,000	4,600	25,000	--	--
	7/21/1993	24.51	69.97	SPH	--	--	--	--	--	--
	11/9/1993	26.06	68.42	SPH	--	--	--	--	--	--
	8/30/1995	21.73	72.75	SPH	--	--	--	--	--	--
	12/4/1995	21.94	72.54	SPH	--	--	--	--	<200	--
	5/2/1996	20.65	73.83	340,000	57,000	73,000	7,200	38,000	--	--
	11/5/1996	24.29	70.19	270,000	43,000	56,000	4,500	34,000	--	--
	5/9/1997	22.79	71.69	240,000	36,000	45,000	3,300	17,900	--	--
	11/5/1997	25.06	69.42	240,000	42,000	48,000	3,600	18,800	<1,000	--
	2/9/1998	22.64	71.84	220,000	47,000	60,000	5,200	29,800	<1,000	--
	5/1/1998	19.95	74.53	160,000	35,000	42,000	2,800	16,000	<1,000	--
	11/3/1998	23.29	71.19	200,000	39,000	49,000	4,400	26,000	<500	--
	3/24/1999	22.30	72.18	SPH	--	--	--	--	--	--
	7/1/1999	22.70	71.78	SPH	--	--	--	--	--	--
	9/21/1999	23.81	70.67	SPH	--	--	--	--	--	--
	2/9/2000	23.95	70.59	SPH	--	--	--	--	--	--
	5/31/2000	22.05	72.43	SPH	--	--	--	--	--	--
	8/8/2000	22.49	71.99	SPH	--	--	--	--	--	--
	11/14/2000	24.65	69.83	SPH	--	--	--	--	--	--
	3/1/2001	24.22	70.28	SPH	--	--	--	--	--	--
	5/7/2001	23.85	70.67	SPH (0.05)	--	--	--	--	--	--
	8/1/2001	23.91	70.64	SPH (0.09)	--	--	--	--	--	--
	11/5/2001	23.95	70.67	SPH (0.18)	--	--	--	--	--	--
	2/13/2002	23.15	71.39	SPH(0.07)	--	--	--	--	--	--
	5/2/2002	23.91	70.60	SPH (0.04)	--	--	--	--	--	--
	8/4/2002	24.02	70.48	SPH (0.03)	--	--	--	--	--	--
	11/26/2002	24.47	70.05	SPH (0.05)	--	--	--	--	--	--
	1/20/2003	22.37	72.14	SPH (0.04)	--	--	--	--	--	--
	5/28/2003	21.77	72.73	SPH (0.02)	--	--	--	--	--	--
	8/5/2003	23.07	71.44	SPH (0.04)	--	--	--	--	--	--
	11/10/2003	22.53	71.97	SPH (0.03)	--	--	--	--	--	--
	2/18/2004	22.61	71.91	SPH (0.05)	--	--	--	--	--	--
MW-2	3/1/1991	27.86	66.95	<50	<0.5	<0.5	<0.5	<0.5	--	--
94.81	11/24/1992	27.91	66.90	<50	<0.5	1.1	<0.5	1.5	--	--
	4/5/1993	25.95	68.86	<50	<0.5	<0.5	<0.5	<0.5	--	--
	7/21/1993	25.59	69.22	<50	<0.5	<0.5	<0.5	<0.5	--	--
	11/10/1993	26.72	68.09	<50	<0.5	<0.5	<0.5	<0.5	--	--
	8/30/1995	25.75	69.06	<50	<0.5	<0.5	<0.5	<0.5	--	--
	5/3/1996	23.28	71.53	<50	<0.5	<0.5	<0.5	<0.5	--	--
	5/8/1997	24.58	70.23	<50	<0.5	0.7	<0.5	<0.5	--	--
	4/29/1998	22.18	72.63	<50	<0.5	<0.5	<0.5	<0.5	<2	--

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Table 1. Groundwater Elevation and Analytical Data:

Connell Automobile Dealership, 3093 Broadway, Oakland, California

Well ID TOC Elev. (ft)	Sampling Date	Depth to Groundwater (ft)	Groundwater Elevation (ft)	TVH/TPHg (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	MTBE (µg/L)	1,2-DCA (µg/L)
MW-3	3/1/1991	23.17	66.91	<50	<50	0.6	<0.5	<0.5	--	--
90.08	11/25/1992	23.01	67.07	50	<0.5	0.9	<0.5	2	--	--
	4/5/1993	22.11	67.97	<50	<0.5	<0.5	<0.5	<0.5	--	--
	7/21/1993	23.93	66.15	<50	<0.5	<0.5	<0.5	<0.5	--	--
	11/10/1993	23.14	66.94	<50	<0.5	<0.5	<0.5	<0.5	--	--
	8/30/1995	20.61	69.47	<50	<0.5	<0.5	<0.5	<0.5	--	--
	5/3/1996	18.43	71.65	<50	<0.5	<0.5	<0.5	<0.5	--	--
	5/8/1997	19.77	70.31	<50	<0.5	0.7	<0.5	<0.5	--	--
	4/29/1998	17.92	72.16	<50	<0.5	<0.5	<0.5	<0.5	<2	--
MW-4	3/1/1991	23.79	65.05	150,000	20,000	38,000	2,800	14,000	**	--
88.84	10/12/1992	22.48	66.36	230,000	15,000	32,000	2,500	14,000	--	--
	11/24/1992	22.60	66.24	210,000	14,000	31,000	2,500	14,000	--	--
	4/2/1993	20.11	68.73	SPH	--	--	--	--	--	--
	7/21/1993	20.48	68.36	SPH	--	--	--	--	--	--
	11/9/1993	21.71	67.13	SPH	--	--	--	--	--	--
	8/30/1995	19.90	68.94	SPH	--	--	--	--	--	--
	12/1/1995	19.40	69.44	SPH	--	--	--	--	--	--
	5/2/1996	17.50	71.34	140,000	24,000	50,000	3,000	15,100	--	--
	11/4/1996	20.13	68.71	160,000	16,000	38,000	2,700	14,000	--	--
	5/8/1997	18.63	70.21	170,000	16,000	37,000	2,400	15,900	--	--
88.84	11/5/1997	20.19	68.65	190,000	15,000	31,000	2,200	14,600	<400	--
	2/9/1998	18.28	70.56	110,000	19,000	42,000	2,500	18,300	<500	--
	5/1/1998	16.11	72.73	130,000	15,000	31,000	2,000	13,400	<1,000	--
	8/4/1998	17.54	71.30	130,000	16,000	34,000	2,400	15,700	<400	--
	11/2/1998	19.21	69.63	140,000	16,000	32,000	2,300	15,500	<400	--
	3/26/1999	17.51	71.33	110,000	15,000	30,000	1,600	15,000	450 ⁴	--
	7/1/1999	18.80	70.04	110,000	13,000	23,000	1,600	12,000	<83	--
	9/21/1999	19.85	68.99	140,000	16,000	31,000	2,400	14,800	ND	--
	2/9/2000	19.76	69.08	140,000	16,000	28,000	2,100	14,000	<400	--
	5/31/2000	17.90	70.94	15,000	17,000	28,000	2,400	14,000	<0.5 ⁶	--
	8/8/2000	18.62	70.22	140,000	15,000	25,000	2,100	13,000	<300	--
	11/14/2000	19.63	69.21	150,000	19,000	36,000	2,900	17,000	<200	--
	3/1/2001	19.68	69.16	120,000	10,000	15,000	1,300	10,000	<2000	--
	5/7/2001	18.60	70.24	210,000	12,000	19,000	1,900	12,000	<200	--
	8/1/2001	18.73	70.11	160,000	13,000	21,000	2,200	13,000	<200	--
	11/5/2001	18.97	69.87	220,000	15,000	26,000	3,100	16,000	<200	--
	2/13/2002	18.59	70.25	180,000	6,100	11,000	1,400	13,000	<200	--
	5/2/2002	18.77	70.07	110,000	13,000	20,000	2,000	10,000	<1,200	--
8/4/2002	18.95	69.89	92,000	9,200	15,000	1,800	10,000	<2,000	--	
11/26/2002	20.83	68.01	110,000	16,000	26,000	2,700	12,000	<1,000	--	
1/20/2003	16.90	71.94	110,000	9,000	16,000	1,900	11,000	<1,200	--	
5/28/2003	15.25	73.59	110,000	13,000	17,000	1,800	8,500	<1,000	--	
8/5/2003	17.05	71.79	110,000	13,000	20,000	2,200	9,800	<1,000	--	
11/10/2003	16.60	72.24	130,000	14,000	23,000	2,700	12,000	<2,700	--	
2/18/2004	16.59	72.25	110,000	11,000	17,000	1,600	9,900	<3,500	--	

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Table 1. Groundwater Elevation and Analytical Data:
Connell Automobile Dealership, 3093 Broadway, Oakland, California

Well ID TOC Elev. (ft)	Sampling Date	Depth to Groundwater (ft)	Groundwater				Ethyl-				
			Elevation (ft)	TVH/TPHg (µg/L)	Benzene (µg/L)	Toluene (µg/L)	benzene (µg/L)	Xylenes (µg/L)	MTBE (µg/L)	1,2-DCA (µg/L)	
MW-5 84.84	3/15/1991	26.31	58.53	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--
	11/10/1992	26.83	58.01	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--
	4/2/1993	26.62	58.22	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--
	7/21/1993	26.60	58.24	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--
	11/9/1993	27.24	57.60	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--
	8/30/1995	27.46	57.38	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--
	5/3/1996	26.02	58.82	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--
	5/8/1997	26.76	58.08	<50	<0.5	0.5	<0.5	<0.5	<0.5	--	--
	4/29/1998	26.55	58.29	<50	<0.5	0.5	<0.5	<0.5	<0.5	<2	--
MW-6 85.62	3/15/1991	25.82	59.80	80,000	12,000	13,000	1,100	5,400	--	--	--
	10/12/1992	25.02	60.60	19,000	3,200	1,400	200	560	--	--	--
	12/1/1992	28.87	56.75	SPH	--	--	--	--	--	--	--
	4/2/1993	26.96	58.66	SPH	--	--	--	--	--	--	--
	7/21/1993	26.17	59.45	SPH	--	--	--	--	--	--	--
	11/9/1993	27.51	58.11	SPH	--	--	--	--	--	--	--
	8/30/1995	28.00	57.62	SPH	--	--	--	--	--	--	--
	12/1/1995	27.58	58.04	SPH	--	--	--	--	--	<8,000,000	--
86.94	5/3/1996	28.15	58.79	130,000	37,000	50,000	3,200	14,200	--	--	--
	5/9/1997	26.54	60.40	1,700,000	14,000	27,000	4,000	28,200	--	--	--
	11/5/1997	26.16	60.78	160,000	13,000	19,000	1,900	14,300	<200	--	--
	5/1/1998	22.96	62.86	130,000	15,000	23,000	1,700	13,200	<500	--	--
85.82	11/3/1998	24.35	61.47	110,000	17,000	21,000	1,800	10,700	<200	--	--
	3/26/1999	23.82	62.00	SPH	--	--	--	--	--	--	--
	7/1/1999	24.45	61.37	SPH	--	--	--	--	--	--	--
	9/21/1999	24.58	61.24	SPH	--	--	--	--	--	--	--
	2/9/2000	24.93	61.24	SPH	--	--	--	--	--	--	--
	5/31/2000	23.47	62.41	SPH	--	--	--	--	--	--	--
	8/8/2000	23.85	61.97	SPH	--	--	--	--	--	--	--
	11/14/2000	24.61	61.21	SPH	--	--	--	--	--	--	--
	3/1/2001	23.97	61.85	SPH	--	--	--	--	--	--	--
	5/7/2001	23.17	62.71	SPH	--	--	--	--	--	--	--
	8/1/2001	obstruction in well		--	--	--	--	--	--	--	--
	11/5/2001	obstruction in well		--	--	--	--	--	--	--	--
	2/13/2002	obstruction in well		--	--	--	--	--	--	--	--
	5/2/2002	23.25	62.41	SPH (0.05)	--	--	--	--	--	--	--
	8/4/2002	23.55	62.29	SPH (0.03)	--	--	--	--	--	--	--
	11/26/2002	24.22	61.62	SPH (0.03)	--	--	--	--	--	--	--
	1/20/2003	22.49	63.36	SPH (0.04)	--	--	--	--	--	--	--
	5/28/2003	21.92	63.93	SPH (0.04)	--	--	--	--	--	--	--
	8/5/2003	23.98	61.87	SPH (0.04)	--	--	--	--	--	--	--
	11/10/2003	23.50	62.40	SPH (0.10)	--	--	--	--	--	--	--
	2/18/2004	22.21	63.64	SPH (0.04)	--	--	--	--	--	--	--

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Table 1. Groundwater Elevation and Analytical Data:

Connell Automobile Dealership, 3093 Broadway, Oakland, California

Well ID TOC Elev. (ft)	Sampling Date	Depth to Groundwater (ft)	Groundwater Elevation (ft)	TVH/TPHg (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	MTBE (µg/L)	1,2-DCA (µg/L)
MW-7	3/15/1991	21.63	63.78	<50	<0.5	<0.5	<0.5	<0.5	--	--
85.41	11/24/1992	21.52	63.89	<50	<0.5	<0.5	<0.5	<0.5	--	--
	4/2/1993	20.08	65.33	<50	<0.5	<0.5	<0.5	<0.5	--	--
	7/21/1993	19.59	65.82	<50	<0.5	<0.5	<0.5	<0.5	--	--
	11/9/1993	20.65	64.76	<50	<0.5	1	<0.5	1.7	--	--
	8/30/1995	18.78	66.63	<50	<0.5	<0.5	<0.5	<0.5	--	--
	12/1/1995	19.47	65.94	<50	<0.5	<0.5	<0.5	<0.5	--	--
	5/2/1996	17.15	68.26	<50	<0.5	<0.5	<0.5	<0.5	--	--
	8/8/1996	18.48	66.93	<50	<0.5	<0.5	<0.5	<0.5	<2	--
	11/4/1996	18.69	66.72	<50	<1	<1	<1	<1	--	--
	2/6/1997	17.44	67.97	<50	<0.5	<0.5	<0.5	<0.5	<2	--
	5/8/1997	17.72	67.69	<50	<0.5	<0.5	<0.5	<0.5	--	--
	8/7/1997	18.49	66.92	<50	<0.5	<0.5	<0.5	<0.5	<2	--
	11/5/1997	18.86	66.55	<50	<0.5	<0.5	<0.5	<0.5	<2	--
	2/9/1998	17.56	67.85	<50	<0.5	<0.5	<0.5	<0.5	<2	--
	4/29/1998	16.23	69.18	<50	<0.5	<0.5	<0.5	<0.5	<2	--
	8/4/1998	17.24	68.17	<50	<0.5	<0.5	<0.5	<0.5	<2	--
	11/2/1998	17.91	67.50	<50	<0.5	<0.5	<0.5	<0.5	<2	--
	3/26/1999	16.42	68.99	<50	<0.5	<0.5	<0.5	<0.5	<2	--
	7/1/1999	17.90	67.51	85	<0.5	1.1	0.55	2.5	<0.5	--
	9/21/1999	18.91	66.50	<50	0.7	1.8	<0.5	1.5	<5.0	--
	2/9/2000	16.74	68.67	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
	5/31/2000	16.21	69.20	<50	3	6	1	9	<0.5	--
	8/8/2000	16.92	68.49	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
	11/14/2000	17.00	68.41	<50	<0.5	0.63	<0.5	<0.5	<5.0	--
	3/1/2001	17.09	68.32	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
	5/7/2001	17.19	68.22	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
	8/1/2001	17.25	68.16	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
	11/5/2001	17.35	68.06	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
	2/13/2002	17.50	67.91	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
	5/2/2002	17.30	68.11	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
	8/4/2002	17.58	67.83	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
	11/26/2002	18.35	67.06	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
	1/20/2003	15.84	69.57	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
	5/28/2003	15.19	70.22	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
	8/5/2003	17.00	68.41	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
	11/10/2003	16.54	68.87	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
	2/18/2004	16.47	68.94	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--

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Table 1. Groundwater Elevation and Analytical Data:

Connell Automobile Dealership, 3093 Broadway, Oakland, California

Well ID TOC Elev. (ft)	Sampling Date	Depth to Groundwater (ft)	Groundwater Elevation (ft)	TVH/TPHg (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	MTBE (µg/L)	1,2-DCA (µg/L)
MW-8	10/12/1992	27.70	57.80	70	20	1	1	3	--	--
85.50	11/25/1992	27.62	57.88	<50	<0.5	<0.5	<0.5	<0.5	--	--
	4/8/1993	26.64	58.86	490	15	45	5.1	73	--	--
	7/21/1993	26.60	58.90	180	2.5	3	<0.5	1.9	--	--
	11/11/1993	27.18	58.32	310	23	<0.5	<0.5	<0.5	--	--
	8/30/1995	26.35	59.15	660	360	6.8	13	2.8	--	--
	12/4/1995	26.72	58.78	250	46	0.9	4.9	<0.5	--	--
	5/3/1996	25.47	60.03	69	110	<0.5	<0.5	1.5	--	--
	8/8/1996	26.41	59.09	120	11	<0.5	<0.5	<0.5	<2	--
	11/5/1996	26.77	58.73	110	20	<1	1	<1	--	--
	2/6/1997	25.84	59.66	67	51	<0.5	0.56	<0.5	<2	--
	5/9/1997	26.39	59.11	110	59	<0.5	<0.5	<0.5	--	--
	8/7/1997	26.72	58.78	<50	12	<0.5	<0.5	<0.5	<2	--
	11/5/1997	26.82	58.68	<50	9.4	<0.5	<0.5	<0.5	<2	--
	2/9/1998	25.57	59.93	<50	6	<0.5	<0.5	<0.5	<2	--
	5/1/1998	25.64	59.86	430	490	7.1	27	26	<10	--
	8/5/1998	25.96	59.54	140	19	<0.5	5.2	5.3	<2	--
	11/3/1998	26.27	59.23	150	110	1.1	4.3	4.5	<2	--
	3/31/1999	20.93	64.57	54	170	1.5	4.1	1.9	4.4	--
	7/1/1999	26.59	58.91	140	58	0.9	3	2.3	<0.5	--
	9/21/1999	26.89	58.61	670	170	2.6	11	7.9	<5	--
	2/9/2000	26.60	58.90	300	60	1.2	4.8	1.2	<5.0	--
	8/8/2000	26.43	59.07	270	56	1.2	4.1	1.0	<5.0	--
	11/14/2000	26.60	58.90	330	64	1.3	3.5	0.60	<5.0	--
	3/1/2001	26.41	59.09	400	140	<0.5	<0.5	0.55	<5.0	--
	5/7/2001	26.55	58.95	240	37	0.71	2.5	0.77	<5.0	--
	8/1/2001	26.71	58.79	130	5.2	<0.5	<0.5	<0.5	<5.0	--
	11/5/2001	26.67	58.83	140	3.3	<0.5	<0.5	<0.5	<5.0	--
	2/13/2002	26.15	59.35	1,100	440	0.087	0.66	2.0	<5.0	--
	5/2/2002	26.63	58.87	90	3.9	<0.5	<0.5	<0.5	<5.0	--
	8/4/2002	26.80	58.70	120	2.4	0.77	<0.5	<0.5	<5.0	--
	11/26/2002	27.50	58.00	85	3.7	<0.5	<0.5	<0.5	<5.0	--
	1/20/2003	24.93	60.57	90	3.9	0.67	<0.5	<0.5	<5.0	--
	5/28/2003	24.28	61.22	120	1.4	<0.5	<0.5	<0.5	<5.0	--
	8/5/2003	26.51	58.99	150 ^f	<0.5	<0.5	<0.5	<0.5	<5.0	--
	11/10/2003	26.04	59.46	50	0.84	<0.5	<0.5	<0.5	<5.0	--
	2/18/2004	25.97	59.53	52	<0.5	<0.5	<0.5	<0.5	<5.0	--

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Table 1. Groundwater Elevation and Analytical Data:

Connell Automobile Dealership, 3093 Broadway, Oakland, California

Well ID TOC Elev. (ft)	Sampling Date	Depth to Groundwater (ft)	Groundwater Elevation (ft)	TVH/TPHg (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	MTBE (µg/L)	1,2-DCA (µg/L)
MW-9 90.37	11/24/1992	23.51	66.86	19,000	180	590	23	2,000	--	--
	4/5/1993	21.14	69.23	2,300	48	4	0.6	13	--	--
	7/21/1993	21.54	68.83	2,300	170	8.1	15	<0.5	--	--
	11/10/1993	27.53	62.84	4,400	69	7.3	21	9.7	--	--
	8/30/1995	19.59	70.78	3,200	3,900	49	80	22.8	--	--
	12/4/1995	20.65	69.72	--	--	--	--	--	<2	--
	5/2/1996	18.63	71.74	<1300	2,600	<13	200	<13	--	--
	11/5/1996	20.69	69.68	1,800	280	<5	65	<5	--	--
	5/9/1997	19.96	70.41	1,100	160	<0.5	42	<0.5	--	--
	8/8/1997	20.84	69.53	570 ^{1,2}	<0.5	<0.5	<0.5	0.78 ³	<2	--
	11/5/1997	21.55	68.82	490 ¹	<0.5	<0.5	6	<0.5	<2	--
	2/9/1998	20.21	70.16	270 ¹	48	17	5.8	<0.5	<2	--
	5/1/1998	19.27	71.10	550	70	<0.5	22	2.2	<2	--
	8/5/1998	19.35	71.02	550 ¹	88	<0.5	13	1.9 ³	<2	--
	11/2/1998	20.43	69.94	580	<0.5	<0.5	7.5 ³	1.6 ³	<2	--
	3/25/1999	18.46	71.91	1,100	160	<0.5	21	2.1 ³	5.7 ⁴	--
	7/1/1999	19.95	70.42	540	100	7.4	26	16.9	<1.3	--
	9/21/1999	21.15	69.22	2,700	320	98	88	47	<20	--
	2/9/2000	21.08	69.29	1,600	81	3.6	19	18	<5.0	--
	5/31/2000	19.11	71.26	1,500	170	13	25	<1.0	<0.5	--
	8/8/2000	19.86	70.51	1,300	140	2.1	19	<0.5	<5.0	--
	11/14/2000	20.90	69.47	1,700	250	2.6	44	2.1	<5.0	--
	3/1/2001	20.45	69.92	1,800	170	5.6	30	2.5	<20	--
	5/7/2001	19.83	70.54	1,500	120	2.6	24	<0.5	<5.0	--
	8/1/2001	20.02	70.35	2,600	280	4.8	50	<0.5	<5.0	--
	11/5/2001	19.85	70.52	2,200	170	4.5	100	0.54	<5.0	--
	2/13/2002	19.80	70.57	1,800	98	3	58	1.5	<5.0	--
	5/2/2002	19.93	70.44	1,100	82	1.4	20	<0.5	<10	--
	8/4/2002	20.20	70.17	1,200	130	2.5	50	0.58	<10	--
	11/26/2002	20.37	70.00	1,200	150	3.3	48	<2.5	<25	--
1/20/2003	17.93	72.44	840	110	1.2	31	0.76	<5.0	--	
5/28/2003	17.25	73.12	1,100	40	1.9	3.0	<0.5	<20	--	
8/5/2003	19.03	71.34	1,100 ^a	62	0.99	25	<0.5	<5.0	--	
11/10/2003	18.65	71.72	1,500	120	7.6	41	<1.0	<10	--	
2/18/2004	18.41	71.96	820	50	1.2	19	<0.5	<5.0	--	
MW-10 88.60	10/12/1992	21.55	67.05	28,000	2,700	3,800	210	1,300	--	--
	11/24/1992	21.86	66.74	130,000	9,700	19,000	1,400	8,400	--	--
	4/5/1993	19.14	69.46	63,000	6,300	14,000	1,100	7,500	--	--
	7/21/1993	19.79	68.81	140,000	16,000	31,000	2,200	13,000	--	--
	8/30/1995	17.99	70.61	92,000	13,000	24,000	1,800	9,100	--	--
	5/3/1996	17.04	71.56	81,000	17,000	29,000	2,100	8,500	--	--
	5/9/1997	18.36	70.24	63,000	7,400	13,000	940	4,100	--	--
	5/1/1998	15.84	72.76	60,000	7,100	14,000	1,100	5,300	<250	--

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Connell Automobile Dealership, 3093 Broadway, Oakland, California

Well ID TOC Elev. (ft)	Sampling Date	Depth to Groundwater (ft)	Groundwater Elevation (ft)	TVH/TPHg (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	MTBE (µg/L)	1,2-DCA (µg/L)
MW-11 102.06	11/24/1992	33.65	68.41	<50	<0.5	<0.5	<0.5	<0.5	--	--
	12/8/92***	33.37	68.69	<50	<0.1	<0.1	<0.1	<0.1	--	--
	12/8/1992	33.37	68.69	<50	<0.5	<0.5	<0.5	<0.5	--	--
	4/5/1993	31.03	71.03	<50	<0.5	<0.5	<0.5	<0.5	--	--
	7/21/1993	31.90	70.16	160	<0.5	1.8	<0.5	<0.5	--	--
	11/9/1993	32.60	69.46	80	<0.5	<0.5	<0.5	<0.5	--	--
	8/30/1995	28.92	73.14	<50	<0.5	<0.5	<0.5	<0.5	--	--
	5/3/1996	28.00	74.06	<50	<0.5	<0.5	<0.5	<0.5	--	--
	5/8/1997	29.93	72.13	<50	<0.5	<0.5	<0.5	<0.5	--	--
4/29/1998	27.22	74.84	<50	<0.5	<0.5	<0.5	<0.5	<2	--	
MW-13 84.06	11/24/1992	26.05	58.01	<50	<0.5	<0.5	<0.5	<0.5	--	--
	12/8/92***	25.08	58.98	<50	<0.1	<0.1	<0.1	<0.1	--	--
	12/8/1992	25.08	58.98	<50	<0.5	<0.5	<0.5	<0.5	--	--
	4/5/1993	24.64	59.42	<50	<0.5	0.9	<0.5	<0.5	--	--
	7/21/1993	24.29	59.77	<50	<0.5	<0.5	<0.5	<0.5	--	--
	11/9/1993	24.23	59.83	<50	<0.5	<0.5	<0.5	<0.5	--	--
	8/30/1995	23.30	60.76	<50	49	<0.5	<0.5	<0.5	--	--
	12/1/1995	23.80	60.26	<50	<0.5	<0.5	<0.5	<0.5	--	--
	5/3/1996	23.19	60.87	<50	<0.5	<0.5	<0.5	<0.5	--	--
	8/8/1996	23.44	60.62	<50	32	<0.5	<0.5	<0.5	<2	--
	11/5/1996	24.04	60.02	<50	<1	<1	<1	<1	--	--
	2/6/1997	23.24	60.82	<50	<0.5	<0.5	<0.5	<0.5	<2	--
	5/8/1997	23.46	60.60	<50	81	<0.5	<0.5	<0.5	--	--
	8/8/1997	23.92	60.14	<50	<0.5	<0.5	<0.5	<0.5	<2	--
	11/5/1997	24.27	59.79	<50	<0.5	<0.5	<0.5	<0.5	<2	--
	2/9/1998	22.89	61.17	<50	<0.5	<0.5	<0.5	<0.5	<2	--
	4/29/1998	22.27	61.79	<50	24	<0.5	<0.5	<0.5	<2	--
	8/4/1998	22.75	61.31	120	200	<1	<1	<1	<4	--
	11/3/1998	23.90	60.16	59 ¹	33	<0.5	<0.5	<0.5	<2	--
	3/31/1999	23.11	60.95	130	0.56	<0.5	<0.5	<0.5	<2	--
	7/1/1999	23.40	60.66	160	370	19	1.2	3.5	<1	--
	9/21/1999	21.91	62.15	370	150	1.0	0.8	0.8	<5.0	--
	2/9/2000	23.84	60.22	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
	8/8/2000	23.31	60.75	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
	11/14/2000	24.00	60.06	<50	<0.5	0.52	<0.5	<0.5	<5.0	--
	3/1/2001	23.93	60.13	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
	5/7/2001	23.93	60.13	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
	8/1/2001	24.10	59.96	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
	11/5/2001	24.02	60.04	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
	2/13/2002	23.70	60.36	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
5/2/2002	23.97	60.09	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	
8/4/2002	24.19	59.87	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	
11/26/2002	24.78	59.28	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	
1/20/2003	22.10	61.96	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	
5/28/2003	21.72	62.34	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	
8/5/2003	23.99	60.07	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	
11/10/2003	23.47	60.59	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	
2/18/2004	22.58	61.48	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	

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Connell Automobile Dealership, 3093 Broadway, Oakland, California

Well ID TOC Elev. (ft)	Sampling Date	Depth to Groundwater (ft)	Groundwater Elevation (ft)	TVH/TPHg (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	MTBE (µg/L)	1,2-DCA (µg/L)
MW-14 94.66	5/26/1998	21.67	72.99	41,000	7,100	11,000	720	3,900	<1000	--
	7/1/1999	22.95	71.71	SPH	--	--	--	--	--	--
	9/21/1999	24.26	70.40	SPH	--	--	--	--	--	--
	2/9/2000	24.13	70.53	92,000	12,000	17,000	1,300	8,700	<140	--
	5/31/2000	22.09	72.57	SPH	--	--	--	--	--	--
	8/8/2000	22.88	71.78	SPH	--	--	--	--	--	--
	11/14/2000	23.90	70.76	SPH	--	--	--	--	--	--
	3/1/2001	23.97	70.69	SPH	--	--	--	--	--	--
	5/7/2001	23.45	71.23	SPH (sheen)	--	--	--	--	--	--
	8/1/2001	23.57	71.12	SPH (0.06)	--	--	--	--	--	--
	11/5/2001	23.50	71.18	SPH (0.03)	--	--	--	--	--	--
	2/13/2002	22.99	71.70	SPH (0.04)	--	--	--	--	--	--
	5/2/2002	23.51	71.17	SPH (0.02)	--	--	--	--	--	--
	8/4/2002	23.61	71.06	SPH (0.01)	--	--	--	--	--	--
	1/20/2003	22.35	72.31	SPH (sheen)	--	--	--	--	--	--
	5/28/2003	21.95	72.74	SPH (0.04)	--	--	--	--	--	--
8/5/2003	23.03	71.66	SPH (0.04)	--	--	--	--	--	--	
11/10/2003	22.70	72.02	SPH (0.07)	--	--	--	--	--	--	
2/18/2004	22.37	72.32	SPH (0.04)	--	--	--	--	--	--	
MW-15 94.76	5/26/1998	21.87	72.89	130,000	30,000	38,000	2,500	12,600	<1000	--
	7/1/1999	22.25	72.51	SPH	--	--	--	--	--	--
	9/21/1999	24.12	70.64	SPH	--	--	--	--	--	--
	2/9/2000	24.42	70.34	180,000	32,000	37,000	2,800	14,000	<200	--
	5/31/2000	22.40	72.36	SPH	--	--	--	--	--	--
	8/8/2000	23.17	71.59	SPH	--	--	--	--	--	--
	11/14/2000	24.15	70.61	SPH	--	--	--	--	--	--
	3/1/2001	23.99	70.77	SPH	--	--	--	--	--	--
	5/7/2001	23.50	71.26	SPH (sheen)	--	--	--	--	--	--
	8/1/2001	23.62	71.14	SPH (sheen)	--	--	--	--	--	--
	11/5/2001	23.65	71.11	SPH (sheen)	--	--	--	--	--	--
	2/13/2002	23.09	71.67	68,000	9,300	8,500	760	2,600	<200	--
	5/2/2002	23.59	71.17	SPH (sheen)	--	--	--	--	--	--
	8/4/2002	23.65	71.11	SPH (sheen)	--	--	--	--	--	--
	11/26/2002	24.59	70.17	SPH (sheen)	--	--	--	--	--	--
	1/20/2003	22.08	72.68	48,000	9,900	10,000	1,000	3,600	<1,200	--
5/28/2003	21.68	73.08	SPH (sheen)	--	--	--	--	--	--	
8/5/2003	24.05	70.71	SPH (sheen)	--	--	--	--	--	--	
11/10/2003	23.68	71.08	SPH (sheen)	--	--	--	--	--	--	
2/18/2004	23.51	71.25	25,000	5,200	3,600	390	1,100	<1,000	--	

Abbreviations and Notes:

TOC Elev. (ft) = Top of casing elevation, surveyed to an arbitrary datum (measured in feet)

µg/L = micrograms per liter = parts per billion = ppb

-- = Not measured or not analyzed

ND = Not detected above laboratory reporting limit, see laboratory report for individual reporting limits

SPH = Separate-phase hydrocarbons encountered in well (value in parentheses is thickness in feet)

TVH = Total Volatile Hydrocarbons

TPHg = Total petroleum hydrocarbons as gasoline by modified EPA Method 8015; value in parentheses by EPA Method 8260

Benzene, toluene, ethylbenzene, and xylenes by EPA Method 8021B; value in parentheses by EPA Method 8260

MTBE = Methyl tertiary butyl ether by EPA Method 8021B; values in parentheses by EPA Method 8260

See laboratory analytical reports for notes.

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Table 2. Groundwater Elevation and Analytical Data: Extractable Hydrocarbons and SVOCs
 Connell Automobile Dealership, 3093 Broadway, Oakland, California

Well ID TOC Elev. (ft)	Sampling Date	Depth to water (ft)	Groundwater Elevation (ft)	TEH (µg/L)	TPHd (µg/L)	TPHmo (µg/L)	2-Methyl naphthalene (µg/L)	Naphthalene (µg/L)	Other SVOCs (µg/L)
MW-1	10/5/1990	26.40	68.08	<500	--	--	--	--	--
94.48	3/1/1991	27.46	67.02	SPH	--	--	--	--	--
	10/12/1992	26.44	68.04	--	--	--	--	--	--
	11/24/1992	26.63	67.85	4,600	--	--	--	--	--
	4/5/1993	23.77	70.71	25,000	--	--	--	--	--
	7/21/1993	24.51	69.97	SPH	--	--	--	--	--
	11/9/1993	26.06	68.42	SPH	--	--	--	--	--
	8/30/1995	21.73	72.75	SPH	--	--	630	1,200	ND
	12/4/1995	21.94	72.54	SPH	--	--	--	--	--
	5/2/1996	20.65	73.83	32,000	--	--	250	640	ND
	11/5/1996	24.29	70.19	--	--	--	--	--	--
	5/9/1997	22.79	71.69	28,000	--	--	280	650	ND
	11/5/1997	25.06	69.42	28,000	--	--	720	1,500	ND
	2/9/1998	22.64	71.84	27,000	--	--	160	570	ND
	5/1/1998	19.95	74.53	29,000	--	--	--	--	--
	5/27/1998	--	--	--	--	--	120	630	ND
	11/3/1998	23.29	71.19	37,000	--	--	500	1,100	ND
	3/24/1999	22.30	72.18	SPH	--	--	--	--	--
	7/1/1999	22.70	71.78	SPH	--	--	--	--	--
	9/21/1999	23.81	70.67	SPH	--	--	--	--	--
	2/9/2000	23.95	70.59	--	SPH	--	--	--	--
	5/31/2000	22.05	72.43	--	SPH	--	--	--	--
	11/14/2000	24.65	69.83	--	SPH	--	--	--	--
	3/1/2001	24.22	70.28	--	SPH	--	--	--	--
	5/7/2001	23.85	70.67	--	SPH	--	--	--	--
	8/1/2001	23.91	70.64	--	SPH	--	--	--	--
	11/5/2001	23.95	70.67	--	SPH	--	--	--	--
	2/13/2002	23.15	71.39	--	SPH(0.07)	--	--	--	--
	5/2/2002	23.91	70.60	--	SPH (0.04)	--	--	--	--
	8/4/2002	24.02	70.48	--	SPH(0.03)	--	--	--	--
	11/26/2002	24.47	70.05	--	SPH (0.05)	--	--	--	--
	1/20/2003	22.37	72.14	--	SPH (0.04)	--	--	--	--
	11/10/2003	22.53	71.97	--	SPH (0.03)	--	--	--	--
	2/18/2004	22.61	71.91	--	SPH (0.05)	--	--	--	--

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Table 2. Groundwater Elevation and Analytical Data: Extractable Hydrocarbons and SVOCs
 Connell Automobile Dealership, 3093 Broadway, Oakland, California

Well ID TOC Elev. (ft)	Sampling Date	Depth to water (ft)	Groundwater Elevation (ft)	TEH (µg/L)	TPHd (µg/L)	TPHmo (µg/L)	2-Methyl naphthalene (µg/L)	Naphthalene (µg/L)	Other SVOCs (µg/L)
MW-2 94.81	3/1/1991	27.86	66.95	<50	--	--	--	--	--
	11/24/1992	27.91	66.90	<50	--	--	--	--	--
	4/5/1993	25.95	68.86	870	--	--	--	--	--
	7/21/1993	25.59	69.22	<50	--	--	--	--	--
	11/10/1993	26.72	68.09	240	--	--	--	--	--
	8/30/1995	25.75	69.06	150	--	--	--	--	--
	5/3/1996	23.28	71.53	<50	--	--	--	--	--
	5/8/1997	24.58	70.23	<50	--	--	--	--	--
	4/29/1998	22.18	72.63	<47	--	--	--	--	--
MW-3 90.08	3/1/1991	23.17	66.91	<50	--	--	--	--	--
	11/25/1992	23.01	67.07	160	--	--	--	--	--
	4/5/1993	22.11	67.97	<50	--	--	--	--	--
	7/21/1993	23.93	66.15	<50	--	--	--	--	--
	11/10/1993	23.14	66.94	<50	--	--	--	--	--
	8/30/1995	20.61	69.47	<50	--	--	--	--	--
	5/3/1996	18.43	71.65	<50	--	--	--	--	--
	5/8/1997	19.77	70.31	<50	--	--	--	--	--
	4/29/1998	17.92	72.16	<47	--	--	--	--	--
MW-4 88.84	3/1/1991	23.79	65.05	<500	--	--	--	--	--
	10/12/1992	22.48	66.36	--	--	--	--	--	--
	11/24/1992	22.60	66.24	1,600	--	--	--	--	--
	4/2/1993	20.11	68.73	SPH	--	--	--	--	--
	7/21/1993	20.48	68.36	SPH	--	--	--	--	--
	11/9/1993	21.71	67.13	SPH	--	--	--	--	--
	8/30/1995	19.90	68.94	SPH	--	--	--	--	--
	12/1/1995	19.40	69.44	SPH	--	--	--	--	--
	5/2/1996	17.50	71.34	9,200	--	--	--	--	--
	11/4/1996	20.13	68.71	4,700	--	--	--	--	--
	5/8/1997	18.63	70.21	5,100	--	--	--	--	--
	11/5/1997	20.19	68.65	3,700	--	--	--	--	--
	2/9/1998	18.28	70.56	4,800	--	--	--	--	--
	5/1/1998	16.11	72.73	5,000	--	--	--	--	--
8/4/1998	17.54	71.30	3,500	--	--	--	--	--	

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Table 2. Groundwater Elevation and Analytical Data: Extractable Hydrocarbons and SVOCs
 Connell Automobile Dealership, 3093 Broadway, Oakland, California

Well ID TOC Elev. (ft)	Sampling Date	Depth to water (ft)	Groundwater Elevation (ft)	TEH (µg/L)	TPHd (µg/L)	TPHmo (µg/L)	2-Methyl naphthalene (µg/L)	Naphthalene (µg/L)	Other SVOCs (µg/L)
MW-4	11/2/1998	19.21	69.63	7,200	--	--	--	--	--
(cont'd)	3/26/1999	17.51	71.33	14,000	--	--	--	--	--
	7/1/1999	18.80	70.04	17,000	--	--	370	860	ND
	9/21/1999	19.85	68.99	14,000	--	--	360	820	ND
	2/9/2000	19.76	69.08	--	12,000	1,000	290	700	ND
	5/31/2000	17.90	70.94	--	14,000 **	<500	--	--	--
	11/14/2000	19.63	69.21	--	8,000	290	--	--	--
	3/1/2001	19.68	69.16	--	57,000	2,800	210	510	ND
	5/7/2001	18.60	70.24	--	56,000	3,600	--	--	--
	8/1/2001	18.73	70.11	--	42,000	6,700	--	--	--
	11/5/2001	18.97	69.87	--	49,000	14,000	--	--	--
	2/13/2002	18.59	70.25	--	140,000	11,000	620	1000	--
	5/2/2002	18.77	70.07	--	68,000	<25,000	--	--	--
	8/4/2002	18.95	69.89	--	58,000	<25,000	--	--	--
	11/26/2002	20.83	68.01	--	7,100	<250	--	--	--
	1/20/2003	16.90	71.94	--	29,000	<2500	--	--	--
	11/10/2003	16.60	72.24	--	15,000	--	--	--	--
	2/18/2004	16.59	72.25	--	16,000	--	--	--	--
MW-5	3/15/1991	26.31	58.53	<50	--	--	--	--	--
84.84	11/10/1992	26.83	58.01	50	--	--	--	--	--
	4/2/1993	26.62	58.22	<50	--	--	--	--	--
	7/21/1993	26.60	58.24	190	--	--	--	--	--
	11/9/1993	27.24	57.60	170	--	--	--	--	--
	8/30/1995	27.46	57.38	180	--	--	--	--	--
	5/3/1996	26.02	58.82	<50	--	--	--	--	--
	5/8/1997	26.76	58.08	<50	--	--	--	--	--
	4/29/1998	26.55	58.29	<47	--	--	--	--	--
MW-6	3/15/1991	25.82	59.80	<50	--	--	--	--	--
85.62	10/12/1992	25.02	60.60	--	--	--	--	--	--
	12/1/1992	28.87	56.75	SPH	--	--	--	--	--
	4/2/1993	26.96	58.66	SPH	--	--	--	--	--
	7/21/1993	26.17	59.45	SPH	--	--	--	--	--
	11/9/1993	27.51	58.11	SPH	--	--	--	--	--
	8/30/1995	28.00	57.62	SPH	--	--	--	--	--

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Table 2. Groundwater Elevation and Analytical Data: Extractable Hydrocarbons and SVOCs
 Connell Automobile Dealership, 3093 Broadway, Oakland, California

Well ID TOC Elev. (ft)	Sampling Date	Depth to water (ft)	Groundwater Elevation (ft)	TEH (µg/L)	TPHd (µg/L)	TPHmo (µg/L)	2-Methyl naphthalene (µg/L)	Naphthalene (µg/L)	Other SVOCs (µg/L)
MW-6	12/1/1995	27.58	58.04	SPH	--	--	--	--	--
(cont'd)	5/3/1996	26.83	58.79	9,000	--	--	--	--	--
86.94	5/9/1997	26.54	60.40	53,000	--	--	--	--	--
	11/5/1997	26.16	60.78	65,000	--	--	--	--	--
85.82	5/1/1998	22.96	62.86	25,000	--	--	--	--	--
	11/3/1998	24.35	61.47	30,000	--	--	--	--	--
	3/26/1999	23.82	62.00	SPH	--	--	--	--	--
	7/1/1999	24.45	61.37	SPH	--	--	--	--	--
	9/21/1999	24.58	61.24	SPH	--	--	--	--	--
	2/9/2000	24.93	61.24	--	SPH	--	--	--	--
	5/31/2000	23.47	62.41	--	SPH	--	--	--	--
	11/14/2000	24.61	61.21	--	SPH	--	--	--	--
	3/1/2001	23.97	61.85	--	SPH	--	--	--	--
	5/7/2001	23.17	-23.11	--	SPH	--	--	--	--
	8/1/2001	obstruction in well		--	--	--	--	--	--
	11/5/2001	obstruction in well		--	--	--	--	--	--
	2/13/2002	obstruction in well		--	--	--	--	--	--
	5/2/2002	23.25	62.41	--	SPH (0.05)	--	--	--	--
	8/4/2002	23.55	62.29	--	SPH (0.03)	--	--	--	--
	11/26/2002	24.22	61.62	--	SPH (0.03)	--	--	--	--
	1/20/2003	22.49	63.36	--	SPH (0.04)	--	--	--	--
	11/10/2003	23.50	62.40	--	SPH (0.10)	--	--	--	--
	2/18/2004	22.21	63.64	--	SPH (0.04)	--	--	--	--
MW-7	3/15/1991	21.63	63.78	<50	--	--	--	--	--
85.41	11/24/1992	21.52	63.89	<50	--	--	--	--	--
	4/2/1993	20.08	65.33	<50	--	--	--	--	--
	7/21/1993	19.59	65.82	150	--	--	--	--	--
	11/9/1993	20.65	64.76	200	--	--	--	--	--
	8/30/1995	18.78	66.63	170	--	--	--	--	--
	12/1/1995	19.47	65.94	<50	--	--	--	--	--
	5/2/1996	17.15	68.26	<50	--	--	--	--	--
	8/8/1996	18.48	66.93	<50	--	--	--	--	--
	11/4/1996	18.69	66.72	<50	--	--	--	--	--
	2/6/1997	17.44	67.97	<50	--	--	--	--	--
	5/8/1997	17.72	67.69	<50	--	--	--	--	--

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Table 2. Groundwater Elevation and Analytical Data: Extractable Hydrocarbons and SVOCs

Connell Automobile Dealership, 3093 Broadway, Oakland, California

Well ID TOC Elev. (ft)	Sampling Date	Depth to water (ft)	Groundwater Elevation (ft)	TEH (µg/L)	TPHd (µg/L)	TPHmo (µg/L)	2-Methyl naphthalene (µg/L)	Naphthalene (µg/L)	Other SVOCs (µg/L)
MW-7	8/7/1997	18.49	66.92	<50	--	--	--	--	--
(cont'd)	11/5/1997	18.86	66.55	<50	--	--	--	--	--
	2/9/1998	17.56	67.85	<50	--	--	--	--	--
	4/29/1998	16.23	69.18	<47	--	--	--	--	--
	8/4/1998	17.24	68.17	<50	--	--	--	--	--
	11/2/1998	17.91	67.50	<50	--	--	--	--	--
	3/26/1999	16.42	68.99	<50	--	--	--	--	--
	7/1/1999	17.90	67.51	<50	--	--	<10	<10	ND
	9/21/1999	18.91	66.50	<48	--	--	<9.5	<9.5	ND
	2/9/2000	16.74	68.67	--	<50	<250	<10	<10	ND
	5/31/2000	16.21	69.20	--	<50	<500	--	--	--
	11/14/2000	17.00	68.41	--	< 50	< 250	--	--	--
	3/1/2001	17.09	68.32	--	<50	<250	<10	<10	ND
	5/7/2001	17.19	68.22	--	<50	<250	--	--	--
	8/1/2001	17.25	68.16	--	<50	<250	--	--	--
	11/5/2001	17.35	68.06	--	<50	<250	--	--	--
	2/13/2002	17.50	67.91	--	<50	<250	--	--	--
	5/2/2002	17.30	68.11	--	<50	<250	--	--	--
	8/4/2002	17.58	67.83	--	<50	<250	--	--	--
	11/26/2002	18.35	67.06	--	<50	<250	--	--	--
	1/20/2003	15.84	69.57	--	83	<250	--	--	--
	2/18/2004	16.47	68.94	--	<50	--	--	--	--
MW-8	10/12/1992	27.70	57.80	--	--	--	--	--	--
85.50	11/25/1992	27.62	57.88	170	--	--	--	--	--
	4/8/1993	26.64	58.86	100	--	--	--	--	--
	7/21/1993	26.60	58.90	90	--	--	--	--	--
	11/11/1993	27.18	58.32	170	--	--	--	--	--
	8/30/1995	26.35	59.15	240	--	--	--	--	--
	12/4/1995	26.72	58.78	<50	--	--	--	--	--
	5/3/1996	25.47	60.03	94	--	--	--	--	--
	8/8/1996	26.41	59.09	250	--	--	--	--	--
	11/5/1996	26.77	58.73	<50	--	--	--	--	--
	2/6/1997	25.84	59.66	130	--	--	--	--	--
	5/9/1997	26.39	59.11	120	--	--	--	--	--

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 Connell Automobile Dealership, 3093 Broadway, Oakland, California

Well ID TOC Elev. (ft)	Sampling Date	Depth to water (ft)	Groundwater Elevation (ft)	TEH (µg/L)	TPHd (µg/L)	TPHmo (µg/L)	2-Methyl naphthalene (µg/L)	Naphthalene (µg/L)	Other SVOCs (µg/L)
MW-8	8/7/1997	26.72	58.78	150	--	--	--	--	--
(cont'd)	11/5/1997	26.82	58.68	110	--	--	--	--	--
	2/9/1998	25.57	59.93	75	--	--	--	--	--
	5/1/1998	25.64	59.86	210	--	--	--	--	--
	8/5/1998	25.96	59.54	260	--	--	--	--	--
	11/3/1998	26.27	59.23	190	--	--	--	--	--
	3/31/1999	20.93	64.57	200	--	--	--	--	--
	7/1/1999	26.59	58.91	170	--	--	<9.6	<9.6	ND
	9/21/1999	26.89	58.61	420	--	--	<9.4	<9.4	ND
	2/9/2000	26.60	58.90	--	120	280	<10	<10	ND
	5/31/2000	26.16	59.34	--	160 **	<500	--	--	--
	11/14/2000	26.60	58.90	--	150	<250	--	--	--
	3/1/2001	26.41	59.09	--	54	<250	<10	<10	Phenol: 25
	5/7/2001	26.55	58.95	--	<50	<250	--	--	--
	8/1/2001	26.71	58.79	--	58	<250	--	--	--
	11/5/2001	26.67	58.83	--	84	<250	--	--	--
	2/13/2002	26.15	59.35	--	83	<250	--	--	--
	5/2/2002	26.63	58.87	--	<50	<250	--	--	--
	8/4/2002	26.80	58.70	--	260	<250	--	--	--
	11/26/2002	27.50	58.00	--	<50	<250	--	--	--
	1/20/2003	24.93	60.57	--	63	<250	--	--	--
	11/10/2003	26.04	59.46	--	<50	--	--	--	--
	2/18/2004	25.97	59.53	--	<50	--	--	--	--
MW-9	11/24/1992	23.51	66.86	320	--	--	--	--	--
90.37	4/5/1993	21.14	69.23	920	--	--	--	--	--
	7/21/1993	21.54	68.83	450	--	--	--	--	--
	11/10/1993	27.53	62.84	450	--	--	--	--	--
	8/30/1995	19.59	70.78	680	--	--	--	--	--
	12/4/1995	20.65	69.72	--	--	--	--	--	--
	5/2/1996	18.63	71.74	710	--	--	--	--	--
	11/5/1996	20.69	69.68	420	--	--	--	--	--
	5/9/1997	19.96	70.41	490	--	--	--	--	--
	8/8/1997	20.84	69.53	480	--	--	--	--	--
	11/5/1997	21.55	68.82	370	--	--	--	--	--
	2/9/1998	20.21	70.16	410	--	--	--	--	--

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 Connell Automobile Dealership, 3093 Broadway, Oakland, California

Well ID TOC Elev. (ft)	Sampling Date	Depth to water (ft)	Groundwater Elevation (ft)	TEH (µg/L)	TPHd (µg/L)	TPHmo (µg/L)	2-Methyl naphthalene (µg/L)	Naphthalene (µg/L)	Other SVOCs (µg/L)
MW-9	5/1/1998	19.27	71.10	450	--	--	--	--	--
(cont'd)	8/5/1998	19.35	71.02	630	--	--	--	--	--
	11/2/1998	20.43	69.94	500	--	--	--	--	--
	3/25/1999	18.46	71.91	630	--	--	--	--	--
	7/1/1999	19.95	70.42	570	--	--	<9.5	<9.5	ND
	9/21/1999	21.15	69.22	770	--	--	<9.4	<9.4	ND
	2/9/2000	21.08	69.29	--	320	<250	<10	<10	ND
	5/31/2000	19.11	71.26	--	390 **	<500	--	--	--
	11/14/2000	20.90	69.47	--	160	<250	--	--	--
	3/1/2001	20.45	69.92	--	220	<250	<10	<10	ND
	5/7/2001	19.83	-19.83	--	290	<250	--	--	--
	8/1/2001	20.02	70.35	--	460	<250	--	--	--
	11/5/2001	19.85	70.52	--	230	<250	--	--	--
	2/13/2002	19.80	70.57	--	210	<250	--	--	--
	5/2/2002	19.93	70.44	--	250	<250	--	--	--
	8/4/2002	20.20	70.17	--	300	<250	--	--	--
	11/26/2002	20.37	70.00	--	270	<250	--	--	--
	1/20/2003	17.93	72.44	--	350	<250	--	--	--
	11/10/2003	18.65	71.72	--	250	--	--	--	--
	2/18/2004	18.41	71.96	--	150	--	--	--	--
MW-10	10/12/1992	21.55	67.05	--	--	--	--	--	--
88.60	11/24/1992	21.86	66.74	1,300	--	--	--	--	--
	4/5/1993	19.14	69.46	5,000	--	--	--	--	--
	7/21/1993	19.79	68.81	20,000	--	--	--	--	--
	8/30/1995	17.99	70.61	5,900	--	--	--	--	--
	5/3/1996	17.04	71.56	5,600	--	--	--	--	--
	5/9/1997	18.36	70.24	2,500	--	--	--	--	--
	5/1/1998	15.84	72.76	2,000	--	--	--	--	--
MW-11	11/24/1992	33.65	68.41	220	--	--	--	--	--
102.06	12/8/92*	33.37	68.69	140	--	--	--	--	--
	12/8/1992	33.37	68.69	120	--	--	--	--	--
	4/5/1993	31.03	71.03	<50	--	--	--	--	--
	7/21/1993	31.90	70.16	150	--	--	--	--	--
	11/9/1993	32.60	69.46	60	--	--	--	--	--

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Table 2. Groundwater Elevation and Analytical Data: Extractable Hydrocarbons and SVOCs
 Connell Automobile Dealership, 3093 Broadway, Oakland, California

Well ID TOC Elev. (ft)	Sampling Date	Depth to water (ft)	Groundwater Elevation (ft)	TEH (µg/L)	TPHd (µg/L)	TPHmo (µg/L)	2-Methyl naphthalene (µg/L)	Naphthalene (µg/L)	Other SVOCs (µg/L)
MW-11	8/30/1995	28.92	73.14	240	--	--	--	--	--
(cont'd)	5/3/1996	28.00	74.06	<50	--	--	--	--	--
	5/8/1997	29.93	72.13	<50	--	--	--	--	--
	4/29/1998	27.22	74.84	<47	--	--	--	--	--
MW-13 84.06	11/24/1992	26.05	58.01	3,600	--	--	--	--	--
	12/8/92*	25.08	58.98	210	--	--	--	--	--
	12/8/1992	25.08	58.98	100	--	--	--	--	--
	4/5/1993	24.64	59.42	<50	--	--	--	--	--
	7/21/1993	24.29	59.77	<50	--	--	--	--	--
	11/9/1993	24.23	59.83	160	--	--	--	--	--
	8/30/1995	23.30	60.76	<50	--	--	--	--	--
	12/1/1995	23.80	60.26	<50	--	--	--	--	--
	5/3/1996	23.19	60.87	<50	--	--	--	--	--
	8/8/1996	23.44	60.62	<50	--	--	--	--	--
	11/5/1996	24.04	60.02	<50	--	--	--	--	--
	2/6/1997	23.24	60.82	<50	--	--	--	--	--
	5/8/1997	23.46	60.60	<50	--	--	--	--	--
	8/8/1997	23.92	60.14	<50	--	--	--	--	--
	11/5/1997	24.27	59.79	<50	--	--	--	--	--
	2/9/1998	22.89	61.17	<50	--	--	--	--	--
	4/29/1998	22.27	61.79	<47	--	--	--	--	--
	8/4/1998	22.75	61.31	78	--	--	--	--	--
	11/3/1998	23.90	60.16	<50	--	--	--	--	--
	3/31/1999	23.11	60.95	<48	--	--	--	--	--
	7/1/1999	23.40	60.66	100	--	--	<9.6	<9.6	ND
	9/21/1999	21.91	62.15	<48	--	--	<9.4	<9.4	ND
	2/9/2000	23.84	60.22	--	<50	<250	<10	<10	ND
	5/31/2000	22.97	61.09	--	<50	<500	--	--	--
	11/14/2000	24.00	60.06	--	65	<250	--	--	--
	3/1/2001	23.93	60.13	--	<50	<250	<10	<10	ND
	5/7/2001	23.93	60.13	--	<50	<250	--	--	--
	8/1/2001	24.10	59.96	--	<50	<250	--	--	--
	11/5/2001	24.02	60.04	--	350	610	--	--	--
	2/13/2002	23.70	60.36	--	<50	<250	--	--	--

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Table 2. Groundwater Elevation and Analytical Data: Extractable Hydrocarbons and SVOCs

Connell Automobile Dealership, 3093 Broadway, Oakland, California

Well ID TOC Elev. (ft)	Sampling Date	Depth to water (ft)	Groundwater Elevation (ft)	TEH (µg/L)	TPHd (µg/L)	TPHmo (µg/L)	2-Methyl naphthalene (µg/L)	Naphthalene (µg/L)	Other SVOCs (µg/L)
MW-13	5/2/2002	23.97	60.09	--	<50	<250	--	--	--
(cont'd)	8/4/2002	24.19	59.87	--	810	310	--	--	--
	11/26/2002	24.78	59.28	--	66	<250	--	--	--
	1/20/2003	22.10	61.96	--	<50	<250	--	--	--
	11/10/2003	23.47	60.59	--	<50	--	--	--	--
	2/18/2004	22.58	61.48	--	<50	--	--	--	--
MW-14 94.66	5/26/1998	21.67	72.99	7,700	--	--	--	--	--
	7/1/1999	22.95	71.71	SPH	--	--	--	--	--
	9/21/1999	24.26	70.40	SPH	--	--	--	--	--
	2/9/2000	24.13	70.53	--	14,000	1,500	290	600	ND
	5/31/2000	22.09	72.57	--	SPH	--	--	--	--
	11/14/2000	23.90	70.76	--	SPH	--	--	--	--
	3/1/2001	23.97	70.69	--	SPH	--	--	--	--
	5/7/2001	23.45	71.23	--	SPH	--	--	--	--
	8/1/2001	23.57	71.12	--	SPH	--	--	--	--
	11/5/2001	23.50	71.18	--	SPH	--	--	--	--
	2/13/2002	22.99	71.70	--	SPH (0.04)	--	--	--	--
	5/2/2002	23.51	71.17	--	SPH (0.02)	--	--	--	--
	8/4/2002	23.61	71.06	--	SPH (0.01)	--	--	--	--
	11/26/2002	24.35	70.31	--	SPH (sheen)	--	--	--	--
	1/20/2003	22.35	72.31	--	SPH (sheen)	--	--	--	--
	11/10/2003	22.70	72.02	--	SPH (0.07)	--	--	--	--
	2/18/2004	22.37	72.32	--	SPH (0.04)	--	--	--	--
MW-15 94.76	5/26/1998	21.87	72.89	1,700	--	--	--	--	--
	7/1/1999	22.25	72.51	SPH	--	--	--	--	--
	9/21/1999	24.12	70.64	SPH	--	--	--	--	--
	2/9/2000	24.42	70.34	--	4,000	1,200	50	270	ND
	5/31/2000	22.40	72.36	--	SPH	--	--	--	--
	11/14/2000	24.15	70.61	--	SPH	--	--	--	--
	3/1/2001	23.99	70.77	--	SPH	--	--	--	--
	5/7/2001	23.50	71.26	--	SPH	--	--	--	--
	8/1/2001	23.62	71.14	--	SPH	--	--	--	--
	11/5/2001	23.65	71.11	--	SPH (sheen)	--	--	--	--
	2/13/2002	23.09	71.67	--	3,100	<250	17	68	ND*
	5/2/2002	23.59	71.17	--	SPH (sheen)	--	--	--	--

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Table 2. Groundwater Elevation and Analytical Data: Extractable Hydrocarbons and SVOCs

Connell Automobile Dealership, 3093 Broadway, Oakland, California

Well ID TOC Elev. (ft)	Sampling Date	Depth to water (ft)	Groundwater Elevation (ft)	TEH (µg/L)	TPHd (µg/L)	TPHmo (µg/L)	2-Methyl naphthalene (µg/L)	Naphthalene (µg/L)	Other SVOCs (µg/L)
MW-15	8/4/2002	23.65	71.11	--	SPH (sheen)	--	--	--	--
(cont'd)	11/26/2002	24.59	70.17	--	SPH (sheen)	--	--	--	--
	1/20/2003	22.08	72.68	--	3,700	340	--	--	--
	11/10/2003	23.68	71.08	--	SPH (sheen)	--	--	--	--
	2/18/2004	23.51	71.25	--	1,100	--	--	--	--

Abbreviations and Notes:

TOC Elev. (ft) = Top of casing elevation, surveyed to an arbitrary datum

TEH = Total extractable hydrocarbons

TPHd = Total petroleum hydrocarbons as diesel

TPHmo = Total petroleum hydrocarbons as motor oil

SVOCs = Semi-volatile organic compounds

Other SVOC's = All other compounds analyzed by EPA Method 8270

µg/l = micrograms per liter = parts per billion = ppb

ND = None detected above laboratory reporting limit, see laboratory report for individual reporting limits

ND* = not detected except for benzoic acid 74; creosol: 68

< n = Not detected above n ug/l

-- = Not analyzed/not available

* = Duplicate sample sent to a different chemical laboratory

** = Does not match diesel pattern

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Table 3. LUFT Metals in Groundwater

Connell Automobile Dealership, 3093 Broadway, Oakland, California

Well ID	Sampling Date	Cadmium (µg/L)	Chromium (µg/L)	Lead (µg/L)	Nickel (µg/L)	Zinc (µg/L)
MW-4	7/1/1999	<5	<10	59	<20	<20
	9/21/1999	<5	<10	66	<20	33
	2/9/2000	<5	17	68	<50	<50
MW-7	7/1/1999	<5	<10	<3	<20	<20
	9/21/1999	<5	<10	<3	<20	<20
	2/9/2000	<5	14	8.6	59	<50
MW-8	7/1/1999	<5	<10	<3	<20	<20
	9/21/1999	<5	<10	<3	<20	<20
	2/9/2000	<5	<5	<5	<50	<50
MW-9	7/1/1999	<5	<10	<3	34	<20
	9/21/1999	<5	<10	<3	25	37
	2/9/2000	<5	82	29	160	130
	3/1/2001	<5	47	<5	72	<50
	5/7/2001	<5	49	<5	<50	<50
	8/1/2001	<5	<20	<5	<50	<50
	2/13/2002	<5	--	<5	<50	<50
	1/20/2003	<5	<20	<5	<50	<50
MW-13	7/1/1999	<5	<10	<3	<20	<20
	9/21/1999	<5	<10	<3	<20	<20
	2/9/2000	<5	12	15	<50	<50
MW-14	2/9/2000	<5	210	24	2,500	280
MW-15	2/9/2000	<5	140	1,800	220	150
	2/13/2002	<5	--	<5	<50	<50
	1/20/2003	<5	<20	36	<50	<50

Abbreviations and Notes:

LUFT metals analyzed by EPA Method 6010

ug/l = micrograms per liter

-- = Not analyzed/not available

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Table 4. Separate-Phase Hydrocarbon Removal

Connell Automobile Dealership, 3093 Broadway, Oakland, California

Well ID TOC Elev. (ft)	Date Sampled	Depth to Groundwater (feet)	SPH Thickness (feet)	SPH Removed (gallons)	Cumulative SPH Removed (gallons)	Notes
MW-1	12/23/1991	26.86	1.15	2.00	2.00	1
94.48	12/26/1991	26.08	0.22	0.50	2.50	1
	1/13/1992	26.53	0.66	1.00	3.50	1
	2/28/1992	27.75	0.42	2.00	5.50	1
	11/9/1993	26.06	1.17	0.50	6.00	1
	11/3/1995	23.10	0.76	0.75	6.75	1
	11/30/1995	23.38	0.70	0.25	7.00	1
	1/3/1996	23.30	0.78	0.53	7.53	1
	2/2/1996	22.96	0.84	0.75	8.28	1
	3/1/1996	21.69	0.14	0.10	8.38	1
	4/4/1996	21.11	0.00	0.00	8.38	1
	5/2/1996	20.96	0.00	0.00	8.38	1
	6/5/1996	20.98	0.04	0.10	8.48	1
	7/9/1996	21.64	0.20	0.10	8.58	1
	8/8/1996	22.43	0.33	0.05	8.63	1
	9/10/1996	23.25	0.60	0.10	8.73	1
	10/1/1996	23.58	0.60	0.25	8.98	1
	11/4/1996	24.29	0.78	0.13	9.11	1
	12/2/1996	24.63	0.88	0.26	9.37	1
	1/3/1997	24.08	0.81	0.39	9.76	1
	2/6/1997	22.46	0.30	0.01	9.77	1
	3/5/1997	23.00	0.00	0.00	9.77	1
	4/1/1997	22.29	0.20	0.01	9.78	1
	5/8/1997	22.79	0.33	0.02	9.80	1
	6/6/1997	24.33	1.69	0.26	10.06	1
	7/8/1997	24.00	0.96	0.20	10.26	1
	8/7/1997	24.58	1.29	1.00	11.26	1
	9/10/1997	24.93	1.21	1.50	12.76	1
	10/1/1997	24.89	0.86	0.26	13.02	1
	11/4/1997	25.06	0.77	0.26	13.28	1
	12/4/1997	24.76	0.54	0.19	13.47	1
	1/8/1998	23.66	0.00	0.00	13.47	1
	2/5/1998	22.64	0.00	0.00	13.47	1
	3/6/1998	20.80	0.00	0.00	13.47	1
	4/2/1998	20.31	0.00	0.00	13.47	1
	4/29/1998	19.95	0.00	0.00	13.47	1
	6/3/1998	20.41	0.00	0.00	13.47	1
	7/9/1998	20.97	0.07	0.00	13.47	1
	8/4/1998	21.40	trace	0.00	13.47	1
	8/26/1998	21.85	0.10	0.00	13.47	1
	11/2/1998	22.92	0.39	0.00	13.47	1
	12/4/1998	23.29	0.29	0.01	13.48	1

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Table 4. Separate-Phase Hydrocarbon Removal

Connell Automobile Dealership, 3093 Broadway, Oakland, California

Well ID TOC Elev. (ft)	Date Sampled	Depth to Groundwater (feet)	SPH Thickness (feet)	SPH Removed (gallons)	Cumulative SPH Removed (gallons)	Notes
MW-1	1/5/1999	23.51	0.42	0.03	13.51	1
(cont'd)	2/8/1999	23.08	0.05	0.25	13.76	1
	3/24/1999	21.90	0.01	0.01	13.77	1
	4/30/1999	21.52	0.00	0.00	13.77	1
	7/1/1999	22.70	0.03	0.01	13.78	1
	9/21/1999	23.81	0.08	0.20	13.98	1
	10/20/1999	23.90	0.10	0.01	13.99	1
	12/13/1999	24.24	trace	0.00	13.99	1
	2/9/2000	23.95	0.07	0.05	14.04	1
	2/15/2000	--	0.00	0.00	14.04	2
	2/25/2000	23.69	0.00	0.06	14.10	2
	3/3/2000	23.27	0.00	0.05	14.15	2
	3/28/2000	22.39	0.00	0.13	14.28	2
	5/2/2000	22.29	0.00	0.05	14.32	2
	5/31/2000	22.05	0.00	0.00	14.32	2
	7/3/2000	22.10	trace	0.02	14.34	2
	8/4/2000	22.40	0.00	0.01	14.35	2
	10/6/2000	23.47	0.46	0.01	14.36	1
	11/3/2000	24.14	0.78	0.00	14.36	
	12/1/2000	25.40	0.83	1.75	16.11	1,2
	1/4/2001	25.13	0.09	0.25	16.36	2
	2/2/2001	25.12	0.03	0.13	16.49	2
	4/3/2001	23.19	0.24	0.10	16.59	
	5/4/2001	23.31	0.47	0.00	16.59	
	5/7/2001	23.85	0.05	0.03	16.62	2
	6/11/2001	23.77	0.67	0.00	16.62	2
	5/2/2002	23.41	0.46	0.01	16.62	
	6/14/2002	23.95	0.03	0.01	16.63	2
	8/4/2002	24.02	0.03	0.01	16.64	2
	9/24/2002	24.59	0.01	0.003	16.64	2
	10/16/2002	25.08	0.03	0.003	16.64	2
	11/6/2002	25.71	0.08	0.005	16.65	2
	11/26/2002	24.47	0.05	0.003	16.65	2
	12/9/2002	24.08	0.07	0.009	16.66	2
	1/17/2003	22.14	0.07	0.005	16.67	1,2
	1/27/2003	22.55	0.02	0.003	16.67	2
	3/5/2003	23.53	0.02	0.25	16.92	1,2
	4/11/2003	23.11	0.03	0.007	16.93	1,2
	5/13/2003	22.95	0.02	0.007	16.93	1,2
	5/28/2003	21.77	0.02	0.008	16.94	1,2
	6/13/2003	21.84	0.03	0.013	16.95	1,2
	7/24/2003	23.19	0.05	0.003	16.96	1,2

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Table 4. Separate-Phase Hydrocarbon Removal

Connell Automobile Dealership, 3093 Broadway, Oakland, California

Well ID TOC Elev. (ft)	Date Sampled	Depth to Groundwater (feet)	SPH Thickness (feet)	SPH Removed (gallons)	Cumulative SPH Removed (gallons)	Notes
MW-1	8/5/2003	23.07	0.04	0.013	16.97	1, 2
(cont'd)	9/12/2003	23.74	0.05	0.021	16.99	1, 2
	10/10/2003	23.90	0.06	0.026	17.02	1, 2
	11/10/2003	22.53	0.03	0.016	17.03	1, 2
	11/21/2003	23.12	0.02	0.026	17.06	1, 2
	12/4/2003	22.95	0.03	0.026	17.09	1, 2
	1/23/2004	22.40	0.04	0.018	17.10	1, 2
	2/6/2004	22.74	0.05	0.017	17.12	1, 2
	2/18/2004	22.61	0.05	0.018	17.14	1, 2
	3/28/2004	22.81	0.01	0.001	17.14	1, 2
MW-4	12/23/1991	22.63	0.98	2.50	2.50	1
88.84	12/26/1991	22.52	0.96	6.00	8.50	1
	1/10/1992	22.74	0.99	5.00	13.50	1
	2/28/1992	22.00	0.67	4.00	17.50	1
	3/11/1992	21.71	0.55	3.50	21.00	1
	3/13/1992	21.56	0.49	3.50	24.50	1
	3/17/1992	25.46	0.44	2.25	26.75	1
	3/18/1992	21.38	0.44	2.50	29.25	1
	3/19/1992	21.33	0.48	1.50	30.75	1
	3/23/1992	21.29	0.42	4.00	34.75	1
	3/24/1992	21.31	0.38	1.50	36.25	1
	3/25/1992	21.17	0.36	1.00	37.25	1
	3/26/1992	21.08	0.35	1.00	38.25	1
	3/27/1992	20.92	0.26	0.50	38.75	1
	3/31/1992	21.15	0.44	0.50	39.25	1
	4/1/1992	20.90	0.24	0.25	39.50	1
	4/2/1992	20.90	0.17	0.13	39.63	1
	4/6/1992	--	--	0.13	39.76	1
	4/10/1992	20.91	0.33	0.25	40.01	1
	4/13/1992	21.04	0.42	0.25	40.26	1
	4/20/1992	20.74	0.19	0.13	40.39	1
	5/4/1992	20.83	0.33	0.13	40.52	1
	5/18/1992	21.33	0.23	0.13	40.65	1
	5/26/1992	20.83	0.17	0.13	40.78	1
	6/1/1992	20.85	0.19	0.06	40.84	1
	6/29/1992	21.38	0.53	0.25	41.09	1
	7/29/1992	21.69	0.56	1.11	42.20	1
	8/28/1992	21.35	0.63	1.68	43.88	1
	4/3/1993	20.11	0.51	0.13	44.01	1
	11/9/1993	20.48	0.52	0.03	44.04	1
	8/30/1995	21.71	0.63	1.75	45.79	1

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Table 4. Separate-Phase Hydrocarbon Removal

Connell Automobile Dealership, 3093 Broadway, Oakland, California

Well ID TOC Elev. (ft)	Date Sampled	Depth to Groundwater (feet)	SPH Thickness (feet)	SPH Removed (gallons)	Cumulative SPH Removed (gallons)	Notes
MW-4	10/2/1995	19.90	2.20	0.50	46.29	1
(cont'd)	11/3/1995	18.76	0.57	0.25	46.54	1
	11/30/1995	19.17	0.65	0.25	46.79	1
	1/3/1996	19.45	0.44	0.05	46.84	1
	2/2/1996	19.50	0.32	0.10	46.94	1
	3/1/1996	19.31	0.20	0.20	47.14	1
	4/4/1996	17.53	0.18	0.20	47.34	1
	5/2/1996	17.50	0.25	0.20	47.54	1
	6/5/1996	17.67	0.39	0.15	47.69	1
	7/9/1996	18.29	0.50	0.16	47.85	1
	8/8/1996	18.84	0.00	0.00	47.85	1
	9/10/1996	19.31	0.34	0.05	47.90	1
	10/1/1996	19.51	0.29	0.05	47.95	1
	11/4/1996	20.13	0.35	0.02	47.97	1
	12/2/1996	20.23	0.33	0.02	47.99	1
	1/3/1997	19.33	0.10	0.02	48.01	1
	2/6/1997	18.13	0.01	0.01	48.02	1
	4/30/1999	17.28	trace	0.00	48.02	1
	2/9/2000	19.76	0.00	0.00	48.02	1
	2/15/2000	--	0.00	0.00	48.02	2
	2/25/2000	19.30	0.00	0.00	48.02	2
MW-6	12/23/1991	28.40	3.21	7.50	7.50	1
85.62	12/26/1991	27.25	1.67	2.00	9.50	1
	1/10/1992	27.23	0.90	1.00	10.50	1
	2/4/1992	27.71	2.04	2.00	12.50	1
	2/28/1992	27.92	3.00	3.00	15.50	1
	3/10/1992	27.16	2.06	2.75	18.25	1
	3/12/1992	25.96	0.52	2.00	20.25	1
	3/23/1992	26.34	1.09	1.00	21.25	1
	3/30/1992	25.73	0.35	0.50	21.75	1
	4/10/1992	25.29	0.05	0.25	22.00	1
	4/13/1992	25.52	0.21	0.13	22.13	1
	4/20/1992	25.38	0.10	0.13	22.26	1
	5/4/1992	25.40	--	0.13	22.39	1
	5/8/1992	25.50	0.17	0.06	22.45	1
	5/26/1992	25.46	0.13	0.13	22.58	1
	6/1/1992	25.46	0.09	0.06	22.64	1
	6/29/1992	25.59	0.14	0.19	22.83	1
	7/29/1992	26.90	1.71	0.60	23.43	1
	8/28/1992	25.09	2.62	2.40	25.83	1
	12/2/1992	--	--	0.00	25.83	1

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Table 4. Separate-Phase Hydrocarbon Removal

Connell Automobile Dealership, 3093 Broadway, Oakland, California

Well ID TOC Elev. (ft)	Date Sampled	Depth to Groundwater (feet)	SPH Thickness (feet)	SPH Removed (gallons)	Cumulative SPH Removed (gallons)	Notes
MW-6	4/3/1993	26.96	2.86	1.75	27.58	1
(cont'd)	11/9/1993	27.51	3.06	0.83	28.41	1
	8/30/1995	28.00	7.96	4.50	32.91	1
	10/2/1995	28.24	6.14	4.00	36.91	1
	11/3/1995	28.39	6.13	3.00	39.91	1
	11/30/1995	26.91	3.44	2.50	42.41	1
	1/3/1996	27.58	4.41	2.50	44.91	1
	2/2/1995	27.58	4.37	5.00	49.91	1
	3/1/1996	27.96	5.15	4.00	53.91	1
	4/4/1996	27.96	5.41	5.00	58.91	1
	5/2/1996	26.83	4.66	4.50	63.41	1
	6/5/1996	27.15	5.17	4.00	67.41	1
	7/9/1996	27.08	4.86	4.50	71.91	1
	8/8/1996	26.71	4.05	4.00	75.91	1
	9/10/1996	26.83	3.82	3.50	79.41	1
	10/1/1996	26.96	3.77	4.00	83.41	1
	11/4/1996	--	NM	0.00	83.41	4
86.94	12/2/1996	--	NM	0.00	83.41	4
	1/3/1997	--	NM	0.00	83.41	4
	2/6/1997	25.08	0.20	0.00	83.41	4
	3/5/1997	24.20	0.00	0.00	83.41	4
	4/1/1997	24.04	0.00	0.00	83.41	4
	5/8/1997	26.54	1.88	0.40	83.81	1
	6/6/1997	25.33	0.21	0.03	83.44	1
85.82	7/8/1997	25.30	0.07	0.00	83.41	1
	8/7/1997	25.52	0.00	0.00	83.41	1
	9/10/1997	25.76	0.00	0.00	83.41	1
	10/1/1997	25.12	0.00	0.00	83.41	1
	11/4/1997	26.16	0.18	0.02	83.43	1
	12/4/1997	26.08	0.16	0.05	83.86	1
	1/8/1998	25.79	0.10	0.66	84.10	1
	2/5/1998	25.31	0.89	0.00	84.10	4
	3/6/1998	24.63	0.46	0.04	84.14	1
	4/2/1998	24.45	0.59	0.10	84.24	1
	4/29/1998	22.96	0.55	0.09	84.33	1
	6/3/1998	22.81	0.41	0.03	84.36	1
	7/9/1998	23.04	0.35	0.05	84.41	1
	8/4/1998	23.29	0.35	0.04	84.45	1
	8/26/1998	23.50	0.31	0.01	84.46	1
	11/2/1998	24.24	0.43	0.02	84.48	1
	12/4/1998	24.35	0.32	0.01	84.49	1
	1/5/1999	24.51	0.40	0.03	84.52	1

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Table 4. Separate-Phase Hydrocarbon Removal

Connell Automobile Dealership, 3093 Broadway, Oakland, California

Well ID TOC Elev. (ft)	Date Sampled	Depth to Groundwater (feet)	SPH Thickness (feet)	SPH Removed (gallons)	Cumulative SPH Removed (gallons)	Notes
MW-6	2/8/1999	24.00	0.03	0.13	84.65	1
(cont'd)	3/24/1999	23.82	0.19	0.03	84.68	1
	4/30/1999	23.60	1.13	0.10	84.78	1
	7/1/1999	24.45	0.42	0.06	84.84	1
	7/27/1999	25.35	0.24	0.06	84.90	1
	8/19/1999	24.87	0.24	0.06	84.96	1
	9/21/1999	24.58	0.10	0.20	85.16	1
	10/20/1999	25.05	0.17	0.20	85.36	1
	12/13/1999	25.08	0.10	0.06	85.42	1
	2/9/2000	24.93	0.44	0.25	85.67	1
	2/15/2000	--	0.00	0.07	85.74	3
	2/25/2000	24.23	0.00	0.01	85.75	3
	3/3/2000	24.00	0.00	0.00	85.75	3
	3/28/2000	23.54	0.00	0.05	85.80	3
	5/2/2000	23.52	0.06	0.03	85.83	3
	5/31/2000	23.39	0.08	0.00	85.83	3
	7/3/2000	23.61	trace	0.02	85.85	3
	8/4/2000	23.80	0.10	0.01	85.86	3
	10/6/2000	24.22	0.04	0.01	85.87	
	11/3/2000	24.30	0.09	0.00	85.87	
	12/1/2000	24.38	0.07	0.03	85.90	2, 3
	1/4/2001	24.65	0.17	0.00	85.90	5
	2/2/2001	24.72	0.22	0.25	86.15	3
	4/3/2001	23.90	0.06	0.05	86.20	
	5/4/2001	23.95	0.07	0.05	86.25	
	5/7/2001	--	--	0.08	86.33	
	6/11/2001	24.25	0.10	0.00	86.33	
	5/2/2002	23.25	0.01	0.00	86.33	2
	6/14/2002	23.17	0.07	0.01	86.34	1
	8/4/2002	23.55	0.03	0.01	86.35	1
	9/24/2002	23.98	0.02	0.007	86.35	1
	10/16/2002	24.20	0.09	0.005	86.36	1
	11/6/2002	25.78	0.07	0.005	86.36	1
	11/26/2002	24.22	0.03	0.009	86.37	1, 3
	12/9/2002	23.97	0.05	0.021	86.39	1, 3
	1/17/2003	21.30	0.06	0.013	86.41	1, 3
	1/27/2003	22.49	0.02	0.016	86.42	1, 3
	3/5/2003	24.35	0.06	0.013	86.44	1, 3
	4/11/2003	24.05	0.07	0.029	86.46	3
	5/13/2003	23.98	0.03	0.016	86.48	3
	5/28/2003	21.92	0.04	0.021	86.50	1, 3
	6/13/2003	21.98	0.06	0.020	86.52	1, 3

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Table 4. Separate-Phase Hydrocarbon Removal

Connell Automobile Dealership, 3093 Broadway, Oakland, California

Well ID TOC Elev. (ft)	Date Sampled	Depth to Groundwater (feet)	SPH Thickness (feet)	SPH Removed (gallons)	Cumulative SPH Removed (gallons)	Notes
MW-6	7/24/2003	24.11	0.07	0.040	86.56	1, 3
(cont'd)	8/5/2003	23.98	0.04	0.021	86.58	1, 3
	9/12/2003	24.53	0.06	0.026	86.61	1, 3
	10/10/2003	24.88	0.10	0.026	86.64	1, 3
	11/10/2003	23.50	0.10	0.032	86.67	1, 3
	11/21/2003	23.81	0.06	0.026	86.69	1, 3
	12/4/2003	23.61	0.08	0.029	86.72	1, 3
	1/23/2004	23.09	0.10	0.026	86.75	1, 3
	2/6/2004	22.39	0.05	0.021	86.77	1, 3
	2/18/2004	22.21	0.04	0.018	86.79	1, 3
	3/28/2004	23.91	0.06	0.013	86.80	1, 3
MW-9 90.37	8/8/1996	19.89	0.35	0.10	0.61	1
MW-14 94.66	12/4/1998	23.42	0.23	0.01	0.01	1
	1/5/1999	23.36	0.12	0.01	0.02	1
	2/8/1999	23.17	trace	0.01	0.03	1
	3/24/1999	22.08	trace	0.00	0.03	1
	4/30/1999	21.17	0.01	0.00	0.03	1
	7/1/1999	22.95	0.04	0.00	0.03	1
	9/21/1999	24.26	trace	0.00	0.03	1
	10/20/1999	24.10	0.00	0.00	0.03	1
	2/9/2000	24.13	0.00	0.00	0.03	1
	2/15/2000	--	0.00	0.00	0.03	1
	2/25/2000	--	0.00	0.00	0.03	2
	3/3/2000	23.27	0.00	0.05	0.08	2
	3/28/2000	22.40	0.00	0.13	0.21	2
	5/2/2000	22.22	0.00	0.04	0.25	2
	5/31/2000	22.09	0.00	0.00	0.25	2
	7/3/2000	22.35	trace	0.01	0.26	2
	8/4/2000	22.78	0.00	0.03	0.29	2
	10/6/2000	23.48	0.00	0.00	0.29	
	11/3/2000	23.60	0.00	0.00	0.29	
	12/1/2000	23.90	0.04	0.04	0.33	1, 2
	1/4/2001	24.10	0.00	0.00	0.33	
	2/2/2001	24.27	0.00	0.10	0.43	2
	4/3/2001	23.06	0.00	0.05	0.48	
	5/4/2001	23.05	0.00	0.00	0.48	
	5/7/2001	23.45	0.02	0.01	0.48	2
	6/11/2001	23.40	0.00	0.00	0.48	
	5/2/2002	23.51	0.02	0.003	0.49	2

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Table 4. Separate-Phase Hydrocarbon Removal

Connell Automobile Dealership, 3093 Broadway, Oakland, California

Well ID TOC Elev. (ft)	Date Sampled	Depth to Groundwater (feet)	SPH Thickness (feet)	SPH Removed (gallons)	Cumulative SPH Removed (gallons)	Notes
MW-14	6/14/2002	23.88	0.01	0.003	0.49	2
(cont'd)	8/4/2002	23.61	0.01	0.004	0.49	2
	9/24/2002	24.07	0.01	0.007	0.50	2
	10/16/2002	24.29	trace	0.007	0.51	2
	11/6/2002	25.85	0.00	0.00	0.51	2
	11/26/2002	24.35	trace	0.00	0.51	2
	12/9/2002	24.05	trace	0.00	0.51	2
	1/17/2003	22.09	0.00	0.00	0.51	2
	1/27/2003	22.60	0.00	0.00	0.51	2
	3/5/2003	23.63	0.00	0.13	0.64	1,2
	4/11/2003	23.63	0.02	0.003	0.64	1,2
	5/13/2003	23.11	0.03	0.003	0.64	1,2
	5/28/2003	21.95	0.04	0.007	0.65	1,2
	6/13/2003	22.05	0.03	0.004	0.65	1,2
	7/24/2003	23.10	0.02	0.003	0.65	1,2
	8/5/2003	23.03	0.04	0.011	0.66	1,2
	9/12/2003	23.81	0.06	0.013	0.68	1,2
	10/10/2003	24.03	0.05	0.021	0.70	1,2
	11/10/2003	22.70	0.07	0.013	0.71	1,2
	11/21/2003	22.85	0.05	0.013	0.73	1,2
	12/4/2003	22.69	0.02	0.008	0.73	1,2
	1/23/2004	22.05	0.04	0.011	0.74	1,2
	2/6/2004	22.49	0.04	0.013	0.76	1,2
	2/18/2004	22.37	0.04	0.013	0.77	1,2
	3/28/2004	22.79	0.00	0.001	0.77	1,2
Total SPH Removed (gallons):					153.31	

Abbreviations and Notes:

TOC Elev. (ft) = Top of casing elevation, surveyed to an arbitrary datum (measured in feet)

SPH = Separate-phase hydrocarbons

-- = Not measured or not applicable

NM = Not Measured. Product was being removed by vapor extraction at time of measurement.

1 = SPH removed by manual bailing

2 = SPH removed from well by absorbent sock

3 = SPH removed from well by passive skimmer

4 = Vapor extraction system operating in well

5 = No product removed; skimmer adjusted incorrectly.

APPENDIX A

Well Sampling Protocol

ATTACHMENT A

Well Sampling Protocol

Well Sampling Protocol - May 8, 2000 Workplan Addendum			
Well	Gauging Frequency	Sampling Frequency	Analytes
Source Area Wells			
MW-1	Quarterly	Annually (1st Qtr)	TPHd, TPHmo, TPHg, BTEX, MTBE, HVOCs, DO
MW-6			(SVOCs, LUFT Metals also)
MW-14			
MW-15			
Down-Gradient/Cross-Gradient Wells			
MW-4	Quarterly	Quarterly	TPHd, TPHmo, TPHg, BTEX, MTBE, HVOCs, DO
MW-7			(SVOCs and LUFT Metals- 1 st qtr only)
MW-8			
MW-9			
MW-13			
1. Per the May 3, 1999 ACHCSA letter to Messrs. Hill and Linden, monitoring wells MW-2, MW-3, MW-5, MW-10, and MW-11 were dropped from the monitoring program. 2. To simplify the protocol, LUFT Metals will be analyzed annually (first quarter) for all sampled wells.			

APPENDIX B

Groundwater Monitoring Field Data

Product Removal Form Connell Automobile Dealership, Oakland, CA

By: A. Hill Date: 1-23-04

Project and Task #: 425-1580-011

Well	Treatment	Time	Gallons Removed*	DTW/ DTP	Comments
MW-1	SoakEase	7:30	70ml	22.40/ 22.36	
MW-6	Skimmer	6:00	100ml	23.04/ 22.99	
MW-14	SoakEase	8:50	40ml	22.05/ 22.01	

* If SoakEase is removed, wring out used sock into bucket and estimate vol. removed. Saturated socks theoretically hold about 1 quart (0.25 gal) of product. Skimmer receptacle holds about 1/2 quart (0.14 gal) of product.

Notes MW-6 DTB = 37.50, MW-1 DTB = 34.75, MW-14 DTB = 38.47

MW-6 purged water = 5 gallons (no SPH after purge)
MW-1 " " = 6 gallons (" " " ")
MW-14 " " = 8 gallons (" " " ")
Cleaned well casings MW-6, MW-1, MW-14

No. of Product Drums Onsite: 1

Drum capacity available: near empty

Groundwater Monitoring Field Sheet

Well ID	Time	DTP	DTW	Depth to Bottom	Product Thickness	Amount of Product Removed	Casing Diam.	Comments
MW-1	9:40	22.56	22.61		0.05	70ml		
MW-4	9:20		16.59					
MW-6	9:30	22.17	22.21		0.04	70ml		50ml remove from strimmer bailed 20ml
MW-7	9:10		16.47					
MW-8	9:15		25.97					
MW-9	9:25		18.41					
MW-13	9:05		22.59					
MW-14	9:45	22.33	22.37		0.04	50ml		
MW-15	9:35	heavy sheen	23.51		0.04	heavy sheen 50ml		

Project Name: Connell

Project Number/Task: 425-1580/125

Technician: RHW

Date: 2-18-04

WELL SAMPLING FORM

Project Name: <u>Connell</u>	Cambria Mgr: <u>RAS</u>	Well ID: <u>MW-4</u>
Project Number: <u>425-1580</u>	Date: <u>2-18-04</u>	Well Yield:
Site Address: <u>3093 Broadway</u> <u>Oakland, Ca</u>	Sampling Method: <u>disposable bailer</u>	Well Diameter: <u>2" pvc</u>
		Technician(s): <u>SG</u>
Initial Depth to Water: <u>16.59</u>	Total Well Depth: <u>24.00</u>	Water Column Height: <u>7.41</u>
Volume/ft: <u>0.16</u>	1 Casing Volume: <u>1.18</u>	3 Casing Volumes: <u>3.55</u>
Purging Device: <u>disposable bailer</u>	Did Well Dewater?: <u>NO</u>	Total Gallons Purged: <u>3.5</u>
Start Purge Time: <u>1:05</u>	Stop Purge Time: <u>1:34</u>	Total Time: <u>29 mins</u>

Casing Volume = Water column height x Volume/ft.

Well Diam.	Volume/ft (gallons)
2"	0.16
4"	0.65
6"	1.47

Time	Casing Volume	Temp. (°C)	pH	Cond. (uS)	Comments
<u>1:15</u>	<u>1.5</u>	<u>17.8</u>	<u>7.10</u>	<u>870</u>	
<u>1:25</u>	<u>2.5</u>	<u>17.9</u>	<u>7.03</u>	<u>889</u>	
<u>1:35</u>	<u>3.5</u>	<u>18.0</u>	<u>7.05</u>	<u>895</u>	

Fe = mg/L ORP = mV DO = 0.46 mg/L

Sample ID	Date	Time	Container Type	Preservative	Analytes	Analytic Method
<u>MW-4</u>	<u>2-18-04</u>	<u>1:45</u>	<u>1 Amb</u>	<u>np</u>	<u>TPHd</u>	
			<u>VOA</u>	<u>HCl</u>	<u>TPH, BTEX, MTBE</u>	

WELL SAMPLING FORM

Project Name: <u>Connell</u>	Cambria Mgr: <u>RAS</u>	Well ID: <u>MW-7</u>
Project Number: <u>425-1580</u>	Date: <u>2-18-04</u>	Well Yield:
Site Address: <u>3093 Broadway</u> <u>Oakland, Ca</u>	Sampling Method: <u>disposable bailer</u>	Well Diameter: <u>2" pvc</u>
		Technician(s): <u>SG</u>
Initial Depth to Water: <u>16.47</u>	Total Well Depth: <u>30.00</u>	Water Column Height: <u>13.53</u>
Volume/ft: <u>0.16</u>	1 Casing Volume: <u>2.16</u>	3 Casing Volumes: <u>6.49</u>
Purging Device: <u>disposable bailer</u>	Did Well Dewater?: <u>NO.</u>	Total Gallons Purged: <u>6</u>
Start Purge Time: <u>11:05</u>	Stop Purge Time: <u>11:34</u>	Total Time: <u>29 mins</u>

Casing Volume = Water column height x Volume/ft.

Well Diam.	Volume/ft (gallons)
2"	0.16
4"	0.65
6"	1.47

Time	Casing Volume	Temp. (°C)	pH	Cond. (uS)	Comments
<u>11:15</u>	<u>2</u>	<u>17.9</u>	<u>7.14</u>	<u>829</u>	
<u>11:25</u>	<u>4</u>	<u>18.0</u>	<u>7.16</u>	<u>930</u>	
<u>11:35</u>	<u>6</u>	<u>18.1</u>	<u>7.17</u>	<u>914</u>	

Fe = mg/L ORP = mV DO = 0.74 mg/L

Sample ID	Date	Time	Container Type	Preservative	Analytes	Analytic Method
<u>MW-7</u>	<u>2-18-04</u>	<u>11:45</u>	<u>1 Amb</u>	<u>np</u>	<u>TPH</u>	
			<u>VOA</u>	<u>HCl</u>	<u>TPH, BTEX, MTBE</u>	

WELL SAMPLING FORM

Project Name: <u>Connell</u>	Cambria Mgr: <u>RAS</u>	Well ID: <u>MW-8</u>
Project Number: <u>425-1580</u>	Date: <u>2-18-04</u>	Well Yield:
Site Address: <u>3093 Broadway</u> <u>Oakland, Ca</u>	Sampling Method: <u>disposable bailer</u>	Well Diameter: <u>60 pvc</u>
		Technician(s): <u>SG</u>
Initial Depth to Water: <u>25.97</u>	Total Well Depth: <u>39.50</u>	Water Column Height: <u>13.53</u>
Volume/ft: <u>1.47</u>	1 Casing Volume: <u>19.89</u>	3 Casing Volumes: <u>59.6</u>
Purging Device: <u>what pump</u> disposable bailer	Did Well Dewater?: <u>no</u>	Total Gallons Purged: <u>60</u>
Start Purge Time: <u>12:05</u>	Stop Purge Time: <u>12:34</u>	Total Time: <u>29mins</u>

Casing Volume = Water column height x Volume/ft.

Well Diam.	Volume/ft (gallons)
2"	0.16
4"	0.65
6"	1.47

Time	Casing Volume	Temp. (°C)	pH	Cond. (uS)	Comments
<u>12:15</u>	<u>20</u>	<u>17.9</u>	<u>7.10</u>	<u>610</u>	
<u>12:25</u>	<u>40</u>	<u>17.7</u>	<u>7.07</u>	<u>651</u>	
<u>12:35</u>	<u>60</u>	<u>18.0</u>	<u>7.08</u>	<u>630</u>	

Fe = **mg/L** **ORP =** **mV** **DO = 0.69** **mg/L**

Sample ID	Date	Time	Container Type	Preservative	Analytes	Analytic Method
<u>MW-8</u>	<u>2-18-04</u>	<u>12:45</u>	<u>1 Amb</u> <u>VOA</u>	<u>NP</u> <u>HCl</u>	<u>TPHd</u> <u>TPH, BTEX ATBE</u>	

WELL SAMPLING FORM

Project Name: <u>Connell</u>	Cambria Mgr: <u>RAS</u>	Well ID: <u>MW-9</u>
Project Number: <u>425-1580</u>	Date: <u>2-18-04</u>	Well Yield:
Site Address: <u>3043 Broadway</u> <u>Oakland, Ca</u>	Sampling Method: <u>disposable bailer</u>	Well Diameter: <u>2" pvc</u>
		Technician(s): <u>SG</u>
Initial Depth to Water: <u>18.41</u>	Total Well Depth: <u>30.50</u>	Water Column Height: <u>12.09</u>
Volume/ft: <u>0.16</u>	1 Casing Volume: <u>1.93</u>	3 Casing Volumes: <u>5.80</u>
Purging Device: <u>disposable bailer</u>	Did Well Dewater?: <u>no</u>	Total Gallons Purged: <u>6</u>
Start Purge Time: <u>2:10</u>	Stop Purge Time: <u>2:39</u>	Total Time: <u>29mins</u>

Casing Volume = Water column height x Volume/ft.

Well Diam.	Volume/ft (gallons)
2"	0.16
4"	0.65
6"	1.47

Time	Casing Volume	Temp. (°C)	pH	Cond. (uS)	Comments
<u>2:20</u>	<u>2</u>	<u>17.6</u>	<u>7.05</u>	<u>1860</u>	
<u>2:30</u>	<u>4</u>	<u>17.7</u>	<u>7.05</u>	<u>925</u>	
<u>2:40</u>	<u>6</u>	<u>17.8</u>	<u>7.03</u>	<u>947</u>	

Fe = _____ mg/L ORP = _____ mV DO = 0.58 mg/L

Sample ID	Date	Time	Container Type	Preservative	Analytes	Analytic Method
<u>MW-9</u>	<u>2-18-04</u>	<u>2:45</u>	<u>1 Amb</u> <u>VOA</u>	<u>np</u> <u>HCl</u>	<u>TPHd</u> <u>TPH, BTEX, MTBE</u>	

WELL SAMPLING FORM

Project Name: <u>Connell</u>	Cambria Mgr: <u>RAS</u>	Well ID: <u>MW-13</u>
Project Number: <u>425-1580</u>	Date: <u>2-18-04</u>	Well Yield:
Site Address: <u>3093 Broadway</u> <u>Oakland, Ca</u>	Sampling Method: <u>disposable bailer</u>	Well Diameter: <u>2" pvc</u>
		Technician(s): <u>SG</u>
Initial Depth to Water: <u>22.33</u>	Total Well Depth: <u>39.45</u>	Water Column Height: <u>17.12</u>
Volume/ft: <u>0.16</u>	1 Casing Volume: <u>2.73</u>	3 Casing Volumes: <u>8.21</u>
Purging Device: <u>disposable bailer</u>	Did Well Dewater?: <u>no</u>	Total Gallons Purged: <u>8</u>
Start Purge Time: <u>10:10</u>	Stop Purge Time: <u>10:39</u>	Total Time: <u>29mins</u>

Casing Volume = Water column height x Volume/ft.

Well Diam.	Volume/ft (gallons)
2"	0.16
4"	0.65
6"	1.47

Time	Casing Volume	Temp. (°C)	pH	Cond. (uS)	Comments
<u>10:20</u>	<u>2.5</u>	<u>16.9</u>	<u>7.09</u>	<u>840</u>	
<u>10:30</u>	<u>5</u>	<u>17.2</u>	<u>7.14</u>	<u>720</u>	
<u>10:40</u>	<u>8</u>	<u>17.2</u>	<u>7.11</u>	<u>745</u>	

Fe = mg/L ORP = mV DO = 0.52 mg/L

Sample ID	Date	Time	Container Type	Preservative	Analytes	Analytic Method
<u>MW-13</u>	<u>2-18-04</u>	<u>10:45</u>	<u>1 Amb</u>	<u>np</u>	<u>TPHd</u>	
			<u>VOA</u>	<u>HCl</u>	<u>TPH, BTEX, MTBE</u>	

WELL SAMPLING FORM

Project Name: <u>Connell</u>	Cambria Mgr: <u>RAS</u>	Well ID: <u>MW-15</u>
Project Number: <u>425-1580</u>	Date: <u>2-18-04</u>	Well Yield:
Site Address: <u>3093 Broadway</u> <u>Oakland, Ca</u>	Sampling Method: <u>disposable bailer</u>	Well Diameter: <u>2" pvc</u>
		Technician(s): <u>SG</u>
Initial Depth to Water: <u>23.51</u>	Total Well Depth: <u>37.00</u>	Water Column Height: <u>13.49</u>
Volume/ft: <u>0.16</u>	1 Casing Volume: <u>2.15</u>	3 Casing Volumes: <u>6.47</u>
Purging Device: <u>disposable bailer</u>	Did Well Dewater?: <u>NO</u>	Total Gallons Purged: <u>6</u>
Start Purge Time: <u>3:25</u>	Stop Purge Time: <u>3:39</u>	Total Time: <u>14mins</u>

Casing Volume = Water column height x Volume/ft.

Well Diam.	Volume/ft (gallons)
2"	0.16
4"	0.65
6"	1.47

Time	Casing Volume	Temp. (°C)	pH	Cond. (uS)	Comments
3:30	2	18.6	6.97	620	
3:35	4	17.7	7.02	895	
3:40	6	17.5	7.03	917	

Fe = mg/L ORP = mV DO = 0.63 mg/L

Sample ID	Date	Time	Container Type	Preservative	Analytes	Analytic Method
			1 Amb	np	TPHd	
<u>MW-15</u>	<u>2-18-04</u>	<u>3:45</u>	<u>VOA</u>	<u>HCl</u>	<u>TPH, BTEX, MTBE</u>	

APPENDIX C

Laboratory Analytical Report

**McC Campbell Analytical, Inc.**

110 2nd Avenue South, #D7, Pacheco, CA 94553-5560
Telephone : 925-798-1620 Fax : 925-798-1622
Website: www.mccampbell.com E-mail: main@mccampbell.com

Cambria Env. Technology 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: Connell	Date Sampled: 02/18/04
		Date Received: 02/19/04
	Client Contact: Sanjiv Gill	Date Reported: 02/25/04
	Client P.O.:	Date Completed: 02/25/04

WorkOrder: 0402264

February 25, 2004

Dear Sanjiv:

Enclosed are:

- 1). the results of 6 analyzed samples from your **Connell project**,
- 2). a QC report for the above samples
- 3). a copy of the chain of custody, and
- 4). a bill for analytical services.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits.

If you have any questions please contact me. McC Campbell Analytical Laboratories strives for excellence in quality, service and cost. Thank you for your business and I look forward to working with you again.

Yours truly,

Angela Rydelius, Lab Manager



McC Campbell Analytical, Inc.

110 2nd Avenue South, #D7, Pacheco, CA 94553-5560
 Telephone : 925-798-1620 Fax : 925-798-1622
 Website: www.mcccampbell.com E-mail: main@mcccampbell.com

QC SUMMARY REPORT FOR SW8021B/8015Cm

Matrix: W

WorkOrder: 0402264

EPA Method: SW8021B/8015Cm		Extraction: SW5030B		BatchID: 10421			Spiked Sample ID: 0402253-008A			
	Sample	Spiked	MS*	MSD*	MS-MSD*	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)	
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	Low	High
TPH(btex) [£]	ND	60	103	108	5.15	106	111	4.81	70	130
MTBE	ND	10	95.5	100	5.06	96.9	102	5.33	70	130
Benzene	ND	10	109	117	7.21	110	114	3.25	70	130
Toluene	ND	10	103	109	6.52	104	109	4.79	70	130
Ethylbenzene	ND	10	108	115	5.70	110	113	3.22	70	130
Xylenes	ND	30	100	107	6.45	100	107	6.45	70	130
%SS:	105	10	106	106	0	103	105	1.58	70	130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
 NONE

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS - Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

* MS and / or MSD spike recoveries may not be near 100% or the RPDs near 0% if: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) if that specific sample matrix interferes with spike recovery.

£ TPH(btex) = sum of BTEX areas from the FID.

cluttered chromatogram; sample peak coelutes with surrogate peak.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

QC SUMMARY REPORT FOR SW8015C

Matrix: W

WorkOrder: 0402264

EPA Method: SW8015C		Extraction: SW3510C			BatchID: 10433		Spiked Sample ID: N/A			
	Sample	Spiked	MS*	MSD*	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)	
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	Low	High
TPH(d)	N/A	7500	N/A	N/A	N/A	110	108	1.61	70	130
%SS:	N/A	2500	N/A	N/A	N/A	97.6	95.9	1.77	70	130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
 NONE

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

$\% \text{ Recovery} = 100 * (\text{MS-Sample}) / (\text{Amount Spiked}); \text{RPD} = 100 * (\text{MS} - \text{MSD}) / ((\text{MS} + \text{MSD}) / 2).$

* MS and / or MSD spike recoveries may not be near 100% or the RPDs near 0% if: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) if that specific sample matrix interferes with spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

McC Campbell Analytical, Inc.



110 Second Avenue South, #D7
 Pacheco, CA 94553-5560
 (925) 798-1620

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0402264

Report to:		Bill to:	Requested TAT:	5 days
Sanjiv Gill	TEL: (510) 420-0700	Accounts Payable		
Cambria Env. Technology	FAX: (510) 420-3394	Cambria Env. Technology	<i>Date Received:</i>	2/19/04
5900 Hollis St, Suite A	ProjectNo: Connell	5900 Hollis St, Ste. A	<i>Date Printed:</i>	2/19/04
Emeryville, CA 94608	PO:	Emeryville, CA 94608		

Sample ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)															
					1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
0402264-001	MW-4	Water	2/18/04 1:45:00 PM	<input type="checkbox"/>	A	A	B													
0402264-002	MW-7	Water	2/18/04 11:45:00	<input type="checkbox"/>	A		B													
0402264-003	MW-8	Water	2/18/04 12:45:00	<input type="checkbox"/>	A		B													
0402264-004	MW-9	Water	2/18/04 2:45:00 PM	<input type="checkbox"/>	A		B													
0402264-005	MW-13	Water	2/18/04 10:45:00	<input type="checkbox"/>	A		B													
0402264-006	MW-15	Water	2/18/04 3:45:00 PM	<input type="checkbox"/>	A		B													

Test Legend:

1	G-MBTEX_W	2	PREF REPORT	3	TPH(D)WSG_W	4		5	
6		7		8		9		10	
11		12		13		14		15	

Prepared by: Elisa Venegas

Comments:

NOTE: Samples are discarded 60 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense.

CETE 0402264

McCAMPBELL ANALYTICAL INC.

110 2nd AVENUE SOUTH, #D7
PACHECO, CA 94553-5560

Telephone: (925) 798-1620

Fax: (925) 798-1622

CHAIN OF CUSTODY RECORD

TURN AROUND TIME:

RUSH 24 HOUR 48 HOUR 5 DAY

EDF Required? Yes No

Report To: Sanjiv Gill Bill To: Cambria Env. Tech

Company: Cambria Environmental Technology Inc.

5700 Hollis Street STE-A

Emeryville, CA 94608 E-mail:

Tele: ~~408-666-4494~~ 408-666-4494 Fax: 510-420-9176

Project #: _____ Project Name: Connell

Project Location: 3093 Broadway, Oakland, CA

Sampler Signature: S. Gill

Analysis Request Other Comments

BTEX & TPH as Gas (602/8020 + 8015) MTBE	
TPH as Diesel (8015) <u>with silica gel clean up</u>	
Total Petroleum Oil & Grease (5520 E&FB&F)	
Total Petroleum Hydrocarbons (418.1)	
EPA 601 / 8010	
BTEX ONLY (EPA 602 / 8020)	
EPA 608 / 8080	
EPA 608 / 8080 PCB's ONLY	
EPA 624 / 8240 / 8260	
EPA 625 / 8270	
PAH's / PNA's by EPA 625 / 8270 / 8310	
CAM-17 Metals	
LUFT 5 Metals	
Lead (7240/7421/239.2/6010)	
RCI	

SAMPLE ID (Field Point Name)	LOCATION	SAMPLING		# Containers	Type Containers	MATRIX					METHOD PRESERVED						
		Date	Time			Water	Soil	Air	Sludge	Other	Ice	HCl	HNO ₃	Other			
* MW-4		2/18/04	1:45	4	VOA	X						X	X				
* MW-7			11:45			X						X	X				
* MW-8			12:45			X						X	X				
* MW-9			2:45			Y						X	X				
* MW-13			10:45			X						X	X				
* MW-15			3:45			X						X	X				

Relinquished By: S. Gill Date: 2/18/04 Time: 6:00 Received By: secure location

Relinquished By: [Signature] Date: _____ Time: _____ Received By: [Signature] 2/19 9:15

Relinquished By: [Signature] Date: 2/19 Time: 5:00 Received By: [Signature] valle

Remarks: ICE/P
 GOOD CONDITION _____
 HEAD SPACE ABSENT _____
 DECHLORINATED IN LAB _____
 PRESERVATION VOAS O&G METALS OTHER
 APPROPRIATE CONTAINERS _____
 PRESERVED IN LAB _____

APPENDIX D

GeoTracker Electronic Delivery Confirmation

AB2886 Electronic Delivery

[Main Menu](#) |
 [View/Add Facilities](#) |
 [Upload EDD](#) |
 [Check EDD](#)

Submittal Report For **CONNELL OLDSMOBILE:**

page 1 of 1

<u>Title</u>	<u>Type</u>	<u>Submitted</u>	<u>Submittal Status</u>	<u>Confirmation #</u>	
2QM02	GWM_R	2/20/2003	RECEIVED: 5/6/2003 6:46:08 PM	8524841904	
3QM02	GWM_R	2/20/2003	RECEIVED: 5/6/2003 6:47:02 PM	3700450718	
4QM02	GWM_R	2/20/2003	RECEIVED: 5/6/2003 6:48:29 PM	7588297128	
1QM03	GWM_R	2/20/2003	RECEIVED: 11/17/2003 7:53:01 AM	1073899149	
4th Qtr 2002 Groundwater Depth Data for 3093 Broadway in Oakland	GEO_WELL	2/28/2003	AWAITING APPROVAL	1475224137	Delete Submittal
Connell 2QM03 geo_well	GEO_WELL	7/3/2003	AWAITING APPROVAL	7942188858	Delete Submittal
Connell 2QM03	GWM_R	7/3/2003	RECEIVED: 11/17/2003 7:53:01 AM	9757978379	
Connell geo_z	GEO_Z	7/8/2003	AWAITING APPROVAL	2490086197	Delete Submittal
GEO_MAP	GEO_MAP	7/8/2003	AWAITING APPROVAL	8912870109	Delete Submittal
3rd Qtr 2003 Groundwater Monitoring Analytical Data	GWM_R	10/23/2003	RECEIVED: 3/1/2004 7:03:27 AM	3746357798	
3rd Qtr 2003 Groundwater Depths, 3093 Broadway, Oakland	GEO_WELL	10/23/2003	AWAITING APPROVAL	7250167667	Delete Submittal
Connell 4Q03	GEO_WELL	1/2/2004	AWAITING APPROVAL	5636021256	Delete Submittal
Connell 4Q03	ADD_R	1/2/2004	DELETED: 1/2/2004 2:28:48 PM	6033121764	
Connell 4Q03	GWM_R	1/2/2004	RECEIVED: 4/19/2004 6:53:50 AM	8479154229	
1st Qtr 2004, Groundwater Depth Data for 3093 Broadway, Oakland	GEO_WELL	4/12/2004	AWAITING APPROVAL	3990818619	Delete Submittal
1st Qtr 2004, GW Analytical Data	GWM_R	4/30/2004	AWAITING APPROVAL	8821988821	Delete Submittal

Logged in as CAMBRIA-EM (AUTH_RP)

CONTACT SITE ADMINISTRATOR.