

C A M B R I A

September 28, 2000

Susan Hugo
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

POOL

Re: **Third Quarter 2000 Monitoring Report**
Shell-branded Service Station
3420 San Pablo Avenue
Oakland, California
Incident #98995748
Cambria Project #242-0554-002



Dear Ms. Hugo:

On behalf of Equiva Services LLC, Cambria Environmental Technology, Inc. (Cambria) is submitting this groundwater monitoring report in accordance with the reporting requirements of 23 CCR 2652d.

THIRD QUARTER 2000 ACTIVITIES

Groundwater Monitoring: Blaine Tech Services, Inc. (Blaine) of San Jose, California gauged and sampled the site wells, checked for separate-phase hydrocarbons (SPH), calculated groundwater elevations, and compiled the analytical data. No SPH was detected this quarter. Cambria prepared a groundwater elevation contour map (Figure 1). Blaine's report, presenting the laboratory report and supporting field documents, is included as Attachment A.

ANTICIPATED FOURTH QUARTER 2000 ACTIVITIES

Groundwater Monitoring: Blaine will measure and remove any detected SPH, gauge and sample all site wells, and tabulate the data. Cambria will prepare a monitoring report.

Oakland, CA
San Ramon, CA
Sonoma, CA
Portland, OR

**Cambria
Environmental
Technology, Inc.**

1144 65th Street
Suite B
Oakland, CA 94608
Tel (510) 420-0700
Fax (510) 420-9170

CLOSING

We appreciate the opportunity to work with you on this project. Please call Stephan Bork at (510) 420-3344 if you have any questions or comments.

Sincerely,
Cambria Environmental Technology, Inc



Anni Kreml
Senior Staff Scientist

Stephan A. Bork, C.E.G., C.HG.
Associate Hydrogeologist

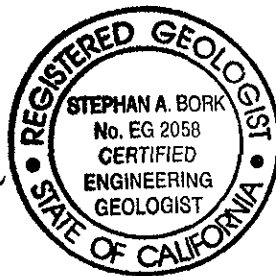


Figure: 1 - Groundwater Elevation Contour Map

Attachment: A - Blaine Groundwater Monitoring Report and Field Notes

cc: Karen Petryna, Equiva Services LLC, P.O. Box 7869, Burbank, California 91510-7869

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S:\OAKLAND\3420SANPABLO\FIGURES\QM00-MP.A1

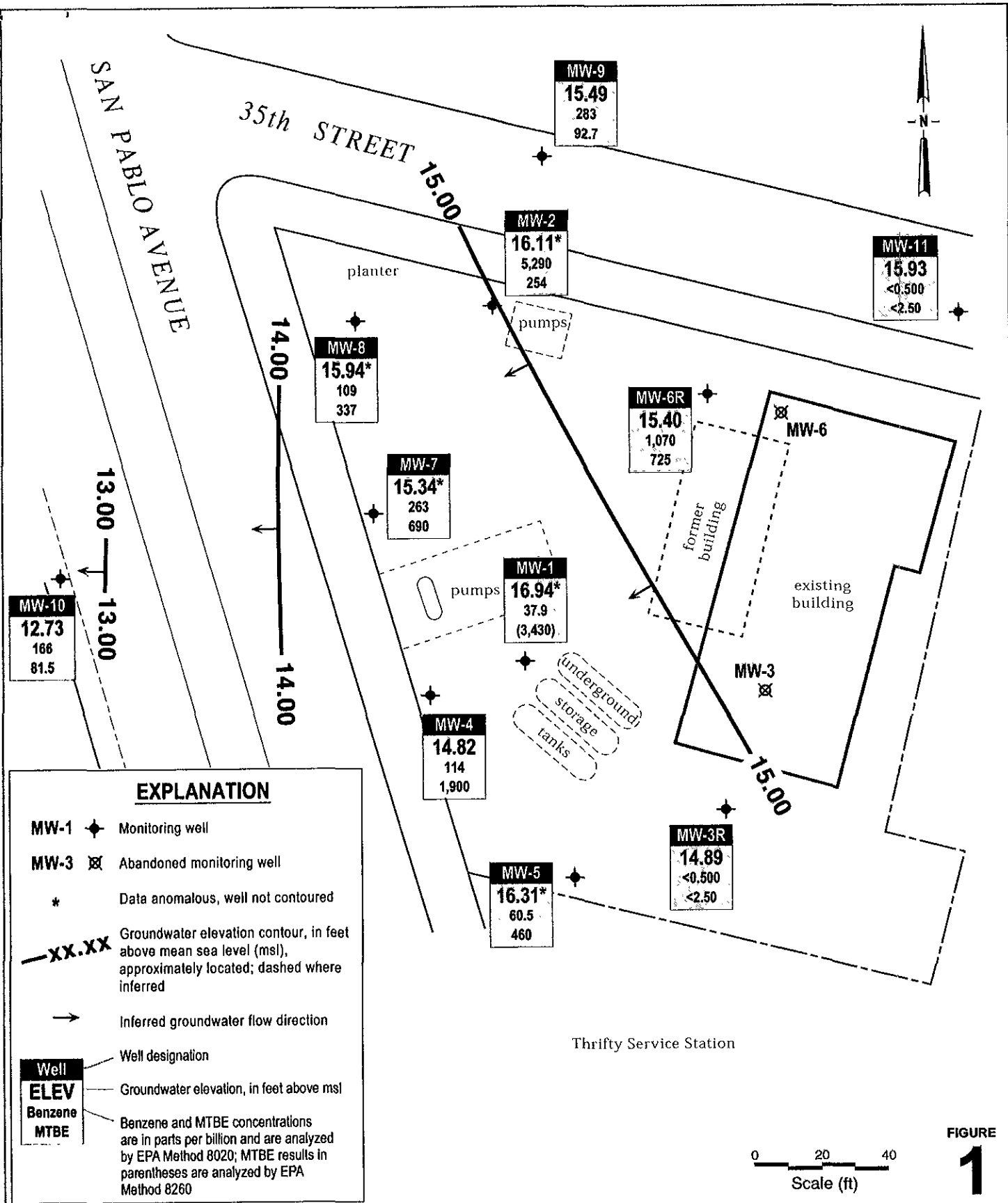


FIGURE 1

09/29/00

Shell-branded Service Station
 3420 San Pablo Avenue
 Oakland, California
 Incident #99895748



CAMBRIA

Groundwater Elevation Contour Map

July 20, 2000

ATTACHMENT A
Blaine Groundwater Monitoring Report
and Field Notes

BLAINE
TECH SERVICES, INC.



1680 ROGERS AVENUE
SAN JOSE, CA 95112-1105
(408) 573-7771 FAX
(408) 573-0555 PHONE
CONTRACTOR'S LICENSE #746684
www.blainetech.com

August 28, 2000

Karen Petryna
Equiva Services LLC
P.O. Box 7869
Burbank, CA 91510-7869

Third Quarter 2000 Groundwater Monitoring at
Shell-branded Service Station
3420 San Pablo Avenue
Oakland, CA

Monitoring performed on July 20, 2000

Groundwater Monitoring Report 000720-F-1

This report covers the routine monitoring of groundwater wells at this Shell-branded facility. In accordance with standard procedures that conform to Regional Water Quality Control Board requirements, routine field data collection includes depth to water, total well depth, thickness of any separate immiscible layer, water column volume, calculated purge volume (if applicable), elapsed evacuation time (if applicable), total volume of water removed (if applicable), and standard water parameter instrument readings. Sample material is collected, contained, stored, and transported to the laboratory in conformance with EPA standards. Purgewater (if applicable) is, likewise, collected and transported to the Shell Martinez Manufacturing Complex.

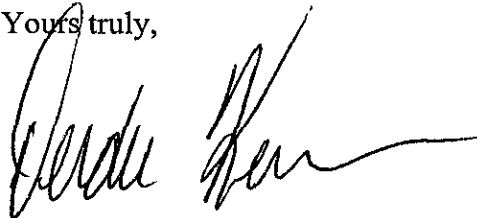
Basic field information is presented alongside analytical values excerpted from the laboratory report in the cumulative table of **WELL CONCENTRATIONS**. The full analytical report for the most recent samples and the field data sheets are attached to this report.

At a minimum, Blaine Tech Services, Inc. field personnel are certified on completion of a forty hour Hazardous Materials and Emergency Response training course per 29 CFR 1910.120. Field personnel are also enrolled in annual eight hour refresher courses.

Blaine Tech Services, Inc. conducts sampling and documentation assignments of this type as an independent third party. In order to avoid compromising the objectivity necessary for the proper and disinterested performance of this work, Blaine Tech Services, Inc. concentrates on objective data collection and does not participate in the interpretation of analytical results, the definition of geological or hydrological conditions, the formulation of recommendations, or the marketing of remedial systems.

Please call if you have any questions.

Yours truly,

A handwritten signature in black ink, appearing to read "Deidre Kerwin", with a long horizontal flourish extending to the right.

Deidre Kerwin
Operations Manager

DK/jt

attachments: Cumulative Table of WELL CONCENTRATIONS
Certified Analytical Report
Field Data Sheet

cc: Anni Kreml
Cambria Environmental Technology, Inc.
1144 65th Street, Suite C
Oakland, CA 94608-2411

WELL CONCENTRATIONS
Shell-branded Service Station
3420 San Pablo Avenue
Oakland, CA
Wic #204-5508-5306

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	Depth to SPH (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
MW-1	08/06/1991	NA	NA	NA	NA	NA	NA	NA	21.28	10.86	NA	10.43	NA	NA
MW-1	10/23/1991	32,000	2,700	360	550	3,700	NA	NA	21.28	11.05	NA	10.24	0.01	NA
MW-1	01/28/1992	14,000	1,000	106	450	1,600	NA	NA	21.28	10.84	NA	10.44	NA	NA
MW-1	05/05/1992	98,000	11,000	1,200	3,500	18,000	NA	NA	21.28	9.42	NA	11.86	<0.01	NA
MW-1	07/13/1992	11,000	1,100	130	740	1,300	NA	NA	21.28	11.36	NA	9.92	NA	NA
MW-1	10/12/1992	NA	NA	NA	NA	NA	NA	NA	21.28	13.14	NA	8.21	0.09	NA
MW-1	01/12/1993	NA	110	NA	NA	NA	NA	NA	21.28	7.52	NA	13.78	0.02	NA
MW-1	04/06/1993	NA	NA	NA	NA	NA	NA	NA	21.28	7.13	NA	14.16	<0.01	NA
MW-1	07/12/1993	NA	NA	NA	NA	NA	NA	NA	21.28	11.02	NA	10.27	0.01	NA
MW-1	10/13/1993	NA	NA	NA	NA	NA	NA	NA	21.28	12.18	NA	9.11	0.01	NA
MW-1	01/20/1994	NA	NA	NA	NA	NA	NA	NA	21.28	9.18	NA	12.10	0.01	NA
MW-1	04/13/1994	NA	NA	NA	NA	NA	NA	NA	21.28	8.72	NA	12.58	0.02	NA
MW-1	07/19/1994	17,000	420	140	530	1,300	NA	NA	21.28	8.76	NA	12.52	NA	NA
MW-1	10/27/1994	23,000	1,200	130	990	960	NA	NA	21.28	10.49	NA	10.79	NA	NA
MW-1	01/03/1995	31,000	610	160	1,200	5,000	NA	NA	21.28	6.15	NA	15.13	NA	NA
MW-1	04/13/1995	20,000	340	42	680	2,900	NA	NA	21.28	5.24	NA	16.04	NA	NA
MW-1	06/30/1995	16,000	450	62	460	1,200	NA	NA	21.28	7.24	NA	14.04	NA	NA
MW-1	10/11/1995	8,400	660	47	510	850	8,000	NA	21.28	9.48	NA	11.80	NA	NA
MW-1	10/13/1995	7,400	730	54	490	1,100	8,200	NA	21.28	NA	NA	NA	NA	NA
MW-1	01/17/1996	24,000	570	110	820	2,900	15,000	NA	21.28	6.48	NA	14.80	NA	NA
MW-1	04/10/1996	20,000	120	11	420	1,400	15,000	NA	21.28	5.38	NA	15.90	NA	NA
MW-1	07/30/1996	7,900	240	22	170	300	12,000	NA	21.28	7.61	NA	13.67	NA	NA
MW-1	10/17/1996	6,600	1,000	20	120	130	10,000	NA	21.28	8.66	NA	12.62	NA	1.4
MW-1	01/22/1997	13,000	170	<50	330	1,200	18,000	NA	21.28	5.00	NA	16.28	NA	1.6
MW-1	04/01/1997	7,900	240	26	130	200	6,400	NA	21.28	6.42	NA	14.86	NA	1.4
MW-1	07/14/1997	5,000	<20	<20	59	61	9,000	NA	21.28	8.92	NA	12.36	NA	1.9

WELL CONCENTRATIONS
Shell-branded Service Station
3420 San Pablo Avenue
Oakland, CA
Wic #204-5508-5306

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	Depth to SPH (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
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MW-1	10/08/1997	3,200	180	7.6	18	6.1	11,000	NA	21.28	9.43	NA	11.85	NA	4.8
MW-1	01/19/1998	8,100	39	<20	280	660	1,100	NA	21.28	1.20	NA	20.08	NA	2.6
MW-1	04/28/1998	2,900	62	<10	160	370	1,200	1,200	21.28	4.81	NA	16.47	NA	2.4
MW-1	09/30/1998	1,300	25	8.3	<5.0	12	2,000	NA	21.05	9.90	NA	11.15	NA	1.6
MW-1	12/09/1998	21,000	240	<200	520	920	18,000	18,000	21.05	12.26	NA	8.79	NA	4.3
MW-1	01/18/1999	10,600	<100	<100	471	130	48,600	50,800	21.05	6.00	NA	15.05	NA	1.3
MW-1	04/12/1999	7,500	101	26.0	248	578	31,000	37,900	21.05	4.00	NA	17.05	NA	1.2
MW-1	07/27/1999	5,420	80.1	<50.0	123	143	24,700	33,200*	21.05	6.18	NA	14.87	NA	1.3
MW-1	10/14/1999	3,750	75.8	<12.5	30.3	37.0	17,200	20,600	21.05	6.83	NA	14.22	NA	1.3
MW-1	01/06/2000	5,550	82.2	<5.00	128	45.4	9,410	8,200	21.05	6.36	NA	14.69	NA	1.3
MW-1	04/05/2000	2,860	50.6	<10.0	98.2	36.2	4,120	3,150*	21.05	3.65	NA	17.40	NA	2.0
MW-1	07/20/2000	3,600	37.9	36.0	34.2	40.4	3,140	3,430*	21.05	4.11	NA	16.94	NA	1.2

MW-2	08/06/1991	50,000	15,000	NA	2,700	13,000	NA	NA	21.56	9.72	NA	11.84	NA	NA
MW-2	10/23/1991	120,000	11,000	1,400	3,500	19,000	NA	NA	21.56	10.03	NA	11.53	NA	NA
MW-2	01/28/1992	49,000	7,400	800	1,800	8,300	NA	NA	21.56	8.78	NA	12.78	NA	NA
MW-2	05/05/1992	52,000	12,000	1,100	2,200	12,000	NA	NA	21.56	7.58	NA	13.98	NA	NA
MW-2	07/13/1992	47,000	15,000	2,400	4,500	16,000	NA	NA	21.56	9.63	NA	11.93	NA	NA
MW-2	10/12/1992	NA	NA	NA	NA	NA	NA	NA	21.56	11.66	NA	9.92	0.03	NA
MW-2	01/12/1993	NA	NA	NA	NA	NA	NA	NA	21.56	7.13	NA	14.44	0.01	NA
MW-2	04/06/1993	NA	NA	NA	NA	NA	NA	NA	21.56	6.40	NA	15.17	<0.01	NA
MW-2	07/12/1993	59,000	12,000	950	2,400	11,000	NA	NA	21.56	8.75	NA	12.81	NA	NA
MW-2	10/13/1993	54,000	14,000	1,200	3,700	22,000	NA	NA	21.56	10.28	NA	11.28	NA	NA
MW-2	01/20/1994	NA	NA	NA	NA	NA	NA	NA	21.56	NA	NA	NA	NA	NA
MW-2	04/13/1994	79,000	9,400	740	2,100	12,000	NA	NA	21.56	7.35	NA	14.22	<0.01	NA
MW-2	07/19/1994	63,000	13,000	810	1,900	13,000	NA	NA	21.56	8.24	NA	13.32	NA	NA

WELL CONCENTRATIONS
Shell-branded Service Station
3420 San Pablo Avenue
Oakland, CA
Wic #204-5508-5306

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	Depth to SPH (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
MW-2	10/27/1994	64,000	8,800	480	2,100	10,000	NA	NA	21.56	10.26	NA	13.32	NA	NA
MW-2	01/03/1995	67,000	9,800	720	2,800	11,000	NA	NA	21.56	6.44	NA	15.12	NA	NA
MW-2	04/13/1995	83,000	10,000	490	2,600	13,000	NA	NA	21.56	5.89	NA	15.67	NA	NA
MW-2	06/30/1995	65,000	12,000	1,800	2,400	12,000	NA	NA	21.56	7.41	NA	14.15	NA	NA
MW-2	10/11/1995	68,000	8,800	840	3,000	13,000	1,400	NA	21.56	8.02	NA	13.54	NA	NA
MW-2	01/17/1996	79,000	12,000	640	2,700	14,000	2,200	NA	21.56	7.42	NA	14.14	NA	NA
MW-2	04/10/1996	84,000	7,200	310	1,700	7,800	2,900	NA	21.56	6.91	NA	14.65	NA	NA
MW-2	07/30/1996	26,000	6,800	210	1,300	5,500	4,500	NA	21.56	7.63	NA	13.93	NA	NA
MW-2	10/17/1996	46,000	9,800	340	2,000	6,500	4,900	NA	21.56	8.27	NA	13.29	NA	1.8
MW-2	01/22/1997	52,000	6,200	220	1,400	6,600	3,000	NA	21.56	7.09	NA	14.47	NA	1.9
MW-2	04/01/1997	69,000	6,000	380	2,400	11,000	3,800	NA	21.56	6.91	NA	14.65	NA	2.0
MW-2	07/14/1997	53,000	7,700	260	1,600	5,200	2,400	NA	21.56	9.93	NA	11.63	NA	1.2
MW-2	10/08/1997	56,000	8,500	320	1,600	5,100	4,200	NA	21.56	10.43	NA	11.13	NA	2.1
MW-2	01/19/1998	64,000	10,000	230	2,400	12,000	2,700	NA	21.56	3.60	NA	17.96	NA	2.4
MW-2	04/28/1998	45,000	9,800	310	2,700	11,000	2,400	2,000	21.56	4.81	NA	15.71	NA	2
MW-2	09/30/1998	42,000	7,400	200	2,600	9,800	1,800	NA	21.58	7.20	NA	14.38	NA	1.6
MW-2	12/09/1998	60,000	7,000	270	1,600	7,000	2,100	NA	21.58	7.11	NA	14.47	NA	4.6
MW-2	01/18/1999	45,000	7,960	151	1,750	6,410	1,310	NA	21.58	6.83	NA	14.75	NA	1.8
MW-2	04/12/1999	47,400	7,680	131	1,840	6,400	<1,000	NA	21.58	5.90	NA	15.68	NA	1.9
MW-2	07/27/1999	36,400	6,750	83.5	1,590	5,070	682	NA	21.58	6.56	NA	15.02	NA	2.0
MW-2	10/14/1999	45,300	6,990	144	1,850	4,930	1,070	NA	21.58	8.90	NA	12.68	NA	1.5
MW-2	01/06/2000	44,100	5,820	107	1,720	4,590	841	NA	21.58	7.27	NA	14.31	NA	1.4
MW-2	04/05/2000	32,000	6,680	<100	1,770	4,030	934	NA	21.58	5.32	NA	16.26	NA	1.3
MW-2	07/20/2000	32,100	5,290	68.6	1,870	3,810	254	NA	21.58	5.47	NA	16.11	NA	2.9
MW-3	08/06/1991	430	8	1	4	15	NA	NA	21.78	11.18	NA	10.60	NA	NA

WELL CONCENTRATIONS
Shell-branded Service Station
3420 San Pablo Avenue
Oakland, CA
Wic #204-5508-5306

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	Depth to SPH (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
MW-3	10/23/1991	390	2.10	<0.3	0.48	2	NA	NA	21.78	11.69	NA	10.09	NA	NA
MW-3	01/28/1992	190	<0.5	<0.5	<0.5	<0.5	NA	NA	21.78	9.99	NA	11.79	NA	NA
MW-3	05/04/1992	190	<1	<1	<1	0.71	NA	NA	21.78	9.46	NA	12.32	NA	NA
MW-3	07/20/1992	200a	<0.5	<0.5	<0.5	<0.5	NA	NA	21.78	11.29	NA	10.49	NA	NA
MW-3	10/12/1992	180a	<0.5	<0.5	<0.5	<0.5	NA	NA	21.78	13.10	NA	8.68	NA	NA
MW-3	01/12/1993	180	<0.5	2.3	0.9	5.6	NA	NA	21.78	7.32	NA	14.46	NA	NA
MW-3	04/06/1993	280	<0.5	<0.5	<0.5	<0.5	NA	NA	21.78	7.44	NA	14.34	NA	NA
MW-3	07/12/1993	310a	<0.5	<0.5	<0.5	<0.5	NA	NA	21.78	10.62	NA	11.16	NA	NA
MW-3	10/13/1993	150	<0.5	<0.5	<0.5	<0.5	NA	NA	21.78	12.05	NA	9.73	NA	NA
MW-3	01/20/1994	180	<0.5	<0.5	<0.5	<0.5	NA	NA	21.78	9.62	NA	12.16	NA	NA
MW-3	04/13/1994	270	<0.5	<0.5	<0.5	<0.5	NA	NA	21.78	9.15	NA	12.63	NA	NA
MW-3	07/19/1994	190a	<0.5	<0.5	<0.5	<0.5	NA	NA	21.78	10.13	NA	11.65	NA	NA
MW-3	10/27/1994	160a	<0.5	<0.5	<0.5	<0.5	NA	NA	21.78	11.66	NA	10.12	NA	NA
MW-3	01/03/1995	100a	<0.5	<0.5	<0.5	<0.5	NA	NA	21.78	6.89	NA	14.89	NA	NA
MW-3	04/13/1995	120a	<0.5	<0.5	<0.5	<0.5	NA	NA	21.78	6.79	NA	14.99	NA	NA
MW-3	06/30/1995	180a	<0.5	<0.5	<0.5	<0.5	NA	NA	21.78	8.94	NA	12.84	NA	NA
MW-3	10/11/1995	150	2.2	<0.5	<0.5	<0.5	2.3	NA	21.78	10.62	NA	11.16	NA	NA
MW-3	01/17/1996	120	<0.5	<0.5	<0.5	<0.5	7.8	NA	21.78	7.18	NA	14.60	NA	NA
MW-3	04/10/1996	160	<0.5	<0.5	<0.5	<0.5	12	NA	21.78	6.76	NA	15.02	NA	NA
MW-3	07/30/1996	57	<0.5	<0.5	<0.5	<0.5	<2.5	NA	21.78	9.04	NA	12.74	NA	NA
MW-3	10/17/1996	<50	<0.5	<0.5	<0.5	<0.5	<2.5	NA	21.78	9.04	NA	12.74	NA	2.0
MW-3	01/22/1997	<50	<0.5	<0.5	<0.5	<0.5	3.7	NA	21.78	5.03	NA	16.75	NA	2.4
MW-3	04/01/1997	71	<0.50	<0.50	<0.50	<0.50	NA b	NA	21.78	8.23	NA	13.55	NA	1.6
MW-3	07/14/1997	<50	<0.50	<0.50	<0.50	1.5	NA b	NA	21.78	9.09	NA	12.69	NA	1.9
MW-3	10/08/1997	73	<0.50	<0.50	<0.50	<0.50	NA b	NA	21.78	10.23	NA	11.55	NA	5.5
MW-3	12/05/1997	Abandoned												

WELL CONCENTRATIONS
Shell-branded Service Station
3420 San Pablo Avenue
Oakland, CA
Wic #204-5508-5306

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	Depth to SPH (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
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MW-3R	04/06/1999	NA	NA	NA	NA	NA	NA	NA	21.83	9.89	NA	11.94	NA	NA
MW-3R	04/12/1999	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	NA	21.83	5.83	NA	16.00	NA	2.1
MW-3R	07/27/1999	<50.0	<0.500	<0.500	<0.500	<0.500	4.15	NA	21.83	9.59	NA	12.24	NA	2.0
MW-3R	10/14/1999	<50.0	<0.500	<0.500	<0.500	<0.500	9.43	NA	21.83	10.00	NA	11.83	NA	0.6
MW-3R	01/06/2000	78	<0.500	<0.500	<0.500	<0.500	31	NA	21.83	9.71	NA	12.12	NA	0.8
MW-3R	04/05/2000	<50.0	<0.500	<0.500	<0.500	<0.500	273	2,890*	21.83	6.90	NA	14.93	NA	1.5
MW-3R	07/20/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	21.83	6.94	NA	14.89	NA	1.1

MW-4	08/06/1991	1,300	28	18	68	150	NA	NA	20.31	10.57	NA	9.74	NA	NA
MW-4	10/23/1991	1,900	97	6.10	38	77	NA	NA	20.31	10.46	NA	9.85	NA	NA
MW-4	01/28/1992	200	7.60	<0.5	3	3.30	NA	NA	20.31	9.54	NA	10.77	NA	NA
MW-4	05/04/1992	690	98	3	13	<1	NA	NA	20.31	8.33	NA	11.98	NA	NA
MW-4	07/13/1992	1,500	140	2.90	17	12	NA	NA	20.31	9.87	NA	10.44	NA	NA
MW-4	10/12/1992	NA	NA	NA	NA	NA	NA	NA	20.31	12.43	NA	8.50	0.78	NA
MW-4	01/12/1993	NA	NA	NA	NA	NA	NA	NA	20.31	7.12	NA	13.99	1.00	NA
MW-4	04/06/1993	NA	NA	NA	NA	NA	NA	NA	20.31	7.23	NA	13.84	0.95	NA
MW-4	07/12/1993	NA	NA	NA	NA	NA	NA	NA	20.31	10.08	NA	10.25	0.03	NA
MW-4	10/13/1993	NA	NA	NA	NA	NA	NA	NA	20.31	11.35	NA	9.06	0.12	NA
MW-4	01/20/1994	NA	NA	NA	NA	NA	NA	NA	20.31	9.06	NA	11.26	0.02	NA
MW-4	04/13/1994	NA	NA	NA	NA	NA	NA	NA	20.31	8.58	NA	11.74	0.01	NA
MW-4	07/19/1994	12,000	230	43	230	660	NA	NA	20.31	9.71	NA	10.60	NA	NA
MW-4	10/27/1994	NA	NA	NA	NA	NA	NA	NA	20.31	10.60	NA	9.73	0.03	NA
MW-4	01/03/1995	NA	NA	NA	NA	NA	NA	NA	20.31	5.49	NA	14.83	0.01	NA
MW-4	04/13/1995	NA	NA	NA	NA	NA	NA	NA	20.31	6.53	NA	13.80	0.03	NA
MW-4	06/30/1995	7,400	140	<0.5	160	350	NA	NA	20.31	9.57	NA	10.74	NA	NA

WELL CONCENTRATIONS
Shell-branded Service Station
3420 San Pablo Avenue
Oakland, CA
Wic #204-5508-5306

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	Depth to SPH (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
MW-4	10/11/1995	3,000	29	10	100	82	9,700	NA	20.31	10.30	NA	10.01	NA	NA
MW-4	01/17/1996	9,700	190	<0.5	190	410	4,500	NA	20.31	6.68	NA	13.63	NA	NA
MW-4	04/10/1996	2,800	16	<0.5	22	50	6,100	NA	20.31	7.90	NA	12.41	NA	NA
MW-4	07/30/1996	1,600	68	<12	58	39	8,500	NA	20.31	8.73	NA	11.58	NA	2.8
MW-4	10/17/1996	4,800	120	<25	150	96	11,000	NA	20.31	7.63	NA	10.34	NA	2.8
MW-4	01/22/1997	12,000	83	<20	170	240	4,300	NA	20.31	5.26	NA	15.05	NA	2.6
MW-4	04/01/1997	4,800	65	<5.0	81	93	3,200	NA	20.31	8.02	NA	12.29	NA	2.4
MW-4	07/14/1997	2,400	35	<10	30	20	6,000	NA	20.31	10.05	NA	10.26	NA	2.0
MW-4	10/08/1997	2,900	66	<20	<20	<20	7,300	NA	20.31	10.22	NA	10.09	NA	5.9
MW-4	01/19/1998	Inaccessible		NA	NA	NA	NA	NA	20.31	NA	NA	NA	NA	NA
MW-4	04/28/1998	Inaccessible		NA	NA	NA	NA	NA	20.31	NA	NA	NA	NA	NA
MW-4	09/30/1998	1,300	57	8.7	58	37	3,600	NA	20.92	9.31	NA	11.61	NA	2.9
MW-4	12/09/1998	3,500	130	<5.0	100	36	3,200	4,500	20.92	9.30	NA	11.62	NA	2.2
MW-4	01/18/1999	7,040	321	<25.0	273	<25.0	4,830	4,660	20.92	8.60	NA	12.32	NA	2.3
MW-4	04/12/1999	1,540	47.6	<10.0	24.4	<10.0	2,760	NA	20.92	6.25	NA	14.67	NA	1.9
MW-4	07/27/1999	3,570	214	<25.0	58.3	31.0	5,440	7,280*	20.92	9.33	NA	11.59	NA	1.9
MW-4	10/14/1999	3,920	157	<25.0	103	<25.0	6,550	8,990	20.92	9.93	NA	10.99	NA	1.7
MW-4	01/06/2000	5,030	247	7.2	169	37.7	6,860	7,400	20.92	9.31	NA	11.61	NA	1.7
MW-4	04/05/2000	1,870	120	<5.00	15.1	<5.00	4,400	2,890*	20.92	6.00	NA	14.92	NA	1.8
MW-4	07/20/2000	6,740	114	36.4	71.9	28.2	1,900	NA	20.92	6.10	NA	14.82	NA	2.1
MW-5	08/06/1991	9,100	210	27	240	660	NA	NA	20.91	10.23	NA	10.68	NA	NA
MW-5	10/23/1991	12,000	92	18	230	450	NA	NA	20.91	10.89	NA	10.02	NA	NA
MW-5	01/28/1992	3,300	130	10	180	220	NA	NA	20.91	8.45	NA	12.46	NA	NA
MW-5	05/04/1992	3,900	95	<12.5	260	120	NA	NA	20.91	8.05	NA	12.86	NA	NA
MW-5	07/13/1992	4,100	180	12	250	73	NA	NA	20.91	10.00	NA	10.91	NA	NA

WELL CONCENTRATIONS
Shell-branded Service Station
3420 San Pablo Avenue
Oakland, CA
Wic #204-5508-5306

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	Depth to SPH (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
MW-5	10/12/1992	NA	NA	NA	NA	NA	NA	NA	20.91	11.83	NA	9.09	0.01	NA
MW-5	01/12/1993	NA	NA	NA	NA	NA	NA	NA	20.91	6.10	NA	14.81	<0.01	NA
MW-5	04/06/1993	6,200	71	<0.5	53	150	NA	NA	20.91	6.18	NA	14.73	NA	NA
MW-5	07/12/1993	3,400	130	<0.5	170	130	NA	NA	20.91	9.59	NA	11.32	NA	NA
MW-5	10/13/1993	NA	NA	NA	NA	NA	NA	NA	20.91	10.80	NA	10.13	0.03	NA
MW-5	01/20/1994	NA	NA	NA	NA	NA	NA	NA	20.91	7.42	NA	13.49	0.01	NA
MW-5	04/13/1994	NA	NA	NA	NA	NA	NA	NA	20.91	7.05	NA	13.87	0.01	NA
MW-5	07/19/1994	11,000	180	13	180	260	NA	NA	20.91	8.57	NA	12.34	NA	NA
MW-5	10/27/1994	6,900	82	<5	210	1,110	NA	NA	20.91	10.14	NA	10.77	NA	NA
MW-5	01/03/1995	12,000	110	46	790	510	NA	NA	20.91	5.84	NA	15.07	NA	NA
MW-5	04/13/1995	10,000	61	<20	330	140	NA	NA	20.91	5.28	NA	15.63	NA	NA
MW-5	06/30/1995	12,000	180	8.60	440	340	NA	NA	20.91	7.43	NA	13.48	NA	NA
MW-5	10/11/1995	11,000	<50	<50	440	340	5,100	NA	20.91	8.90	NA	12.01	NA	NA
MW-5	01/17/1996	82,000	330	120	960	1,400	820	NA	20.91	6.40	NA	14.51	NA	NA
MW-5	04/10/1996	23,000	<50	<50	360	190	770	NA	20.91	5.70	NA	15.21	NA	NA
MW-5	07/30/1996	38,000	3,000	<100	1,100	2,600	560	NA	20.91	7.71	NA	13.20	NA	NA
MW-5	10/17/1996	13,000	36	<10	210	160	720	NA	20.91	9.04	NA	11.87	NA	1.4
MW-5	01/22/1997	20,000	63	<50	380	390	650	NA	20.91	4.85	NA	16.06	NA	1.6
MW-5	04/01/1997	16,000	110	<50	390	320	2,200	NA	20.91	6.54	NA	14.37	NA	1.4
MW-5	07/14/1997	15,000	70	<20	220	170	450	NA	20.91	8.54	NA	12.37	NA	1.8
MW-5	10/08/1997	9,100	27	11	170	57	530	NA	20.91	9.09	NA	11.82	NA	4.7
MW-5	01/19/1998	9,500	92	<50	200	77	1,100	NA	20.91	2.11	NA	18.80	NA	2.5
MW-5	04/28/1998	15,000	100	53	150	80	460	NA	20.91	4.90	NA	16.01	NA	2.2
MW-5	09/30/1998	11,000	120	<100	240	200	<500	NA	21.71	8.05	NA	13.66	NA	2.0
MW-5	12/09/1998	45,000	<200	<200	240	240	<1,000	NA	21.71	8.62	NA	13.09	NA	4.7
MW-5	01/18/1999	9,120	13.8	<2.50	315	74.5	131	NA	21.71	6.75	NA	14.96	NA	2.1

WELL CONCENTRATIONS
Shell-branded Service Station
3420 San Pablo Avenue
Oakland, CA
Wic #204-5508-5306

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	Depth to SPH (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
MW-5	04/12/1999	16,200	80.9	<50.0	163	<50.0	8,310	NA	21.71	4.80	NA	16.91	NA	2.3
MW-5	07/27/1999	6,820	<5.00	<5.00	99.7	<5.00	216	NA	21.71	6.25	NA	15.46	NA	2.1
MW-5	10/14/1999	10,800	47.8	<12.5	313	23.1	232	NA	21.71	6.93	NA	14.78	NA	2.8
MW-5	01/06/2000	9,920	39.8	15.4	220	69.6	478	NA	21.71	7.52	NA	14.19	NA	2.9
MW-5	04/05/2000	8,370	68.3	20.1	40.2	<10.0	1,570	NA	21.71	5.31	NA	16.40	NA	0.4
MW-5	07/20/2000	15,500	60.5	181	104	108	460	NA	21.71	5.40	NA	16.31	NA	1.7
MW-6	08/06/1991	28,000	1,400	200	1,300	4,200	NA	NA	22.32	10.61	NA	11.71	NA	NA
MW-6	10/23/1991	53,000	1,400	230	1,800	6,700	NA	NA	22.32	11.68	NA	10.64	NA	NA
MW-6	01/28/1992	87,000	1,200	470	2,000	6,600	NA	NA	22.32	8.90	NA	13.42	NA	NA
MW-6	05/05/1992	230,000	<500	<500	3,200	11,000	NA	NA	22.32	8.01	NA	14.31	NA	NA
MW-6	07/13/1992	2,700,000	<2,500	3,500	14,000	36,000	NA	NA	22.32	10.77	NA	11.55	NA	NA
MW-6	10/12/1992	NA	NA	NA	NA	NA	NA	NA	22.32	8.68	NA	9.34	0.48	NA
MW-6	01/12/1993	NA	NA	NA	NA	NA	NA	NA	22.32	6.40	NA	15.92	<0.01	NA
MW-6	04/06/1993	320,000	2,500	14,000	980	14,000	NA	NA	22.32	5.93	NA	16.39	NA	NA
MW-6	07/12/1993	31,000	1,100	4,500	150	4,500	NA	NA	22.32	10.25	NA	12.07	NA	NA
MW-6	10/13/1993	NA	NA	NA	NA	NA	NA	NA	22.32	12.28	NA	10.20	0.20	NA
MW-6	01/20/1994	NA	NA	NA	NA	NA	NA	NA	22.32	9.14	NA	13.20	0.02	NA
MW-6	04/13/1994	NA	NA	NA	NA	NA	NA	NA	22.32	7.67	NA	14.66	0.01	NA
MW-6	07/19/1994	NA	NA	NA	NA	NA	NA	NA	22.32	10.07	NA	12.31	0.07	NA
MW-6	10/27/1994	NA	NA	NA	NA	NA	NA	NA	22.32	11.84	NA	10.57	0.11	NA
MW-6	01/03/1995	NA	NA	NA	NA	NA	NA	NA	22.32	7.80	NA	14.54	0.02	NA
MW-6	04/13/1995	NA	NA	NA	NA	NA	NA	NA	22.32	5.77	NA	16.57	0.02	NA
MW-6	06/30/1995	1,100,000	6,600	6,100	12,000	29,000	NA	NA	22.32	7.78	NA	14.54	NA	NA
MW-6	10/11/1995	30,000	130	<50	1,400	4,200	710	NA	22.32	10.06	NA	12.26	NA	NA
MW-6	01/17/1996	450,000	510	1,400	2,700	11,000	630	NA	22.32	6.91	NA	15.41	NA	NA

WELL CONCENTRATIONS
Shell-branded Service Station
3420 San Pablo Avenue
Oakland, CA
Wic #204-5508-5306

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	Depth to SPH (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
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MW-6	04/10/1996	22,000	47	<10	350	860	<50	NA	22.32	5.92	NA	16.40	NA	NA
MW-6	07/30/1996	38,000	3,000	<100	1,100	2,600	560	NA	22.32	8.97	NA	13.35	NA	NA
MW-6	10/17/1996	34,000	470	<100	1,300	3,900	<500	NA	22.32	9.87	NA	12.45	NA	1.0
MW-6	01/22/1997	26,000	<100	<100	600	1,700	<500	NA	22.32	4.43	NA	17.89	NA	1.3
MW-6	04/01/1997	30,000	96	33	840	2,600	190	NA	22.32	6.84	NA	15.48	NA	1:4
MW-6	07/14/1997	29,000	200	<100	690	2,000	<500	NA	22.32	10.30	NA	12.02	NA	2:3
MW-6	10/08/1997	55,000	500	110	640	1,500	900	NA	22.32	10.46	NA	11.86	NA	0.0
MW-6	12/05/1997	Abandoned												

MW-6R	04/06/1999	NA	NA	NA	NA	NA	NA	NA	22.19	12.13	NA	10.06	NA	NA
MW-6R	04/12/1999	26,100	1,750	68.5	2,160	4,450	765	NA	22.19	6.10	NA	16.09	NA	2.4
MW-6R	07/27/1999	25,600	1,190	30.5	1,810	3,030	163	NA	22.19	8.60	NA	13.59	NA	2.5
MW-6R	10/14/1999	21,400	999	<50.0	1,400	1,680	<500	NA	22.19	9.35	NA	12.84	NA	2.0
MW-6R	01/06/2000	17,800	1,440	<50.0	1,310	2,340	301	NA	22.19	9.18	NA	13.01	NA	2.1
MW-6R	04/05/2000	24,400	1,470	63.1	1,750	3,590	496	NA	22.19	6.26	NA	15.93	NA	0.4
MW-6R	07/20/2000	17,200	1,070	42.9	1,260	2,490	725	NA	22.19	6.79	NA	15.40	NA	2.6

MW-7	08/06/1991	13,000	4,300	76	770	730	NA	NA	20.36	8.00	NA	12.36	NA	NA
MW-7	10/23/1991	18,000	3,200	31	660	770	NA	NA	20.36	8.16	NA	12.20	NA	NA
MW-7	01/28/1992	5,000	1,200	<10	220	54	NA	NA	20.36	7.11	NA	13.25	NA	NA
MW-7	05/05/1992	9,500	3,100	72	620	880	NA	NA	20.36	6.47	NA	13.89	NA	NA
MW-7	07/13/1992	20,000	4,200	130	1,600	1,100	NA	NA	20.36	7.73	NA	12.63	NA	NA
MW-7	10/12/1992	16,000	2,500	170	560	170	NA	NA	20.36	9.97	NA	11.68	NA	NA
MW-7	01/12/1993	15,000	2,300	<50	690	440	NA	NA	20.36	6.26	NA	14.10	NA	NA
MW-7	04/06/1993	26,000	5,400	<0.5	1,200	3,000	NA	NA	20.36	5.92	NA	14.44	NA	NA
MW-7	07/12/1993	10,000	3,000	100	510	530	NA	NA	20.36	7.27	NA	13.09	NA	NA

WELL CONCENTRATIONS
Shell-branded Service Station
3420 San Pablo Avenue
Oakland, CA
Wic #204-5508-5306

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	Depth to SPH (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
MW-7	10/13/1993	59,000	13,000	4,400	4,400	20,000	NA	NA	20.36	9.40	NA	10.96	NA	NA
MW-7	01/20/1994	NA	NA	NA	NA	NA	NA	NA	20.36	7.03	NA	13.37	0.05	NA
MW-7	04/13/1994	NA	NA	NA	NA	NA	NA	NA	20.36	6.56	NA	13.93	0.16	NA
MW-7	07/19/1994	NA	NA	NA	NA	NA	NA	NA	20.36	6.91	NA	13.61	0.20	NA
MW-7	10/27/1994	NA	NA	NA	NA	NA	NA	NA	20.36	8.28	NA	12.11	0.04	NA
MW-7	01/03/1995	NA	NA	NA	NA	NA	NA	NA	20.36	6.48	NA	13.90	0.02	NA
MW-7	04/13/1995	NA	NA	NA	NA	NA	NA	NA	20.36	6.54	NA	13.84	0.02	NA
MW-7	06/30/1995	900,000	11,000	8,500	14,000	52,000	NA	NA	20.36	7.08	NA	13.28	NA	NA
MW-7	10/11/1995	NA	NA	NA	NA	NA	NA	NA	20.36	7.88	NA	12.51	0.04	NA
MW-7	01/17/1996	NA	NA	NA	NA	NA	NA	NA	20.36	7.26	NA	13.13	0.04	NA
MW-7	04/10/1996	NA	NA	NA	NA	NA	NA	NA	20.36	6.98	NA	13.42	0.05	NA
MW-7	07/30/1996	NA	NA	NA	NA	NA	NA	NA	20.36	7.34	NA	13.04	0.03	NA
MW-7	10/17/1996	NA	NA	NA	NA	NA	NA	NA	20.36	7.63	NA	12.75	0.02	NA
MW-7	01/22/1997	56,000	2,000	520	1,400	8,400	1,800	NA	20.36	6.46	NA	13.90	NA	0.5
MW-7	04/01/1997	66,000	3,600	460	2,400	10,000	2,300	NA	20.36	6.97	NA	13.39	NA	1.6
MW-7	07/14/1997	NA	NA	NA	NA	NA	NA	NA	20.36	8.90	NA	11.48	0.03	NA
MW-7	10/08/1997	68,000	3,200	470	2,400	9,700	3,300	NA	20.36	9.21	NA	11.15	0.01	2.1
MW-7	01/19/1998	44,000	1,800	220	1,700	7,800	1,600	NA	20.36	4.65	NA	15.71	NA	1.6
MW-7	04/28/1998	82,000	1,500	<500	1,200	8,900	<2,500	NA	20.36	6.53	NA	13.83	NA	1.3
MW-7	09/30/1998	41,000	2,300	290	2,200	7,000	1,400	NA	20.35	5.59	NA	14.76	NA	1.4
MW-7	12/09/1998	31,000	530	130	1,100	4,300	<500	NA	20.35	5.91	NA	14.44	NA	4.9
MW-7	01/18/1999	35,300	975	175	1,360	5,750	256	NA	20.35	5.02	NA	15.33	NA	1.2
MW-7	04/12/1999	43,300	728	161	1,820	6,190	<500	NA	20.35	4.57	NA	15.78	NA	1.3
MW-7	07/27/1999	36,600	863	68.3	1,540	4,370	593	NA	20.35	5.36	NA	14.99	NA	1.2
MW-7	10/14/1999	65,600	1,140	157	2,230	7,060	1,090	NA	20.35	5.87	NA	14.48	NA	1.8
MW-7	01/06/2000	57,100	1,060	142	1,540	5,980	634	NA	20.35	6.12	NA	14.23	NA	1.8

WELL CONCENTRATIONS
Shell-branded Service Station
3420 San Pablo Avenue
Oakland, CA
Wic #204-5508-5306

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	Depth to SPH (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
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MW-7	04/05/2000	36,500	843	<100	1,460	4,220	1,140	NA	20.35	4.87	NA	15.48	NA	1.4
MW-7	07/20/2000	28,400	263	251	457	1,300	690	NA	20.35	5.01	NA	15.34	NA	1.7

MW-8	08/06/1991	32,000	3,700	1,100	1,400	6,100	NA	NA	20.95	9.60	NA	11.35	NA	NA
MW-8	10/23/1991	63,000	4,800	1,300	1,300	6,900	NA	NA	20.95	9.73	NA	11.22	NA	NA
MW-8	01/28/1992	32,000	1,900	750	1,400	6,300	NA	NA	20.95	7.72	NA	13.23	NA	NA
MW-8	05/05/1992	180,000	2,200	2,000	2,700	13,000	NA	NA	20.95	6.48	NA	14.47	NA	NA
MW-8	07/13/1992	56,000	4,500	1,500	2,700	9,100	NA	NA	20.95	8.55	NA	12.40	NA	NA
MW-8	10/12/1992	34,000	2,400	550	1,400	6,400	NA	NA	20.95	9.97	NA	10.98	NA	NA
MW-8	01/12/1993	110,000	2,100	1,200	2,400	12,000	NA	NA	20.95	6.94	NA	14.01	NA	NA
MW-8	04/06/1993	38,000	2,500	840	1,100	4,900	NA	NA	20.95	5.72	NA	15.23	NA	NA
MW-8	07/12/1993	27,000	2,800	990	1,200	5,300	NA	NA	20.95	7.65	NA	13.30	NA	NA
MW-8	10/13/1993	32,000	3,300	1,300	1,600	8,400	NA	NA	20.95	8.25	NA	12.70	NA	NA
MW-8	01/20/1994	78,000	1,900	670	1,300	6,600	NA	NA	20.95	7.25	NA	13.70	NA	NA
MW-8	04/13/1994	41,000	1,300	720	1,200	6,000	NA	NA	20.95	7.12	NA	13.83	NA	NA
MW-8	07/19/1994	140,000	1,800	1,400	2,000	9,000	NA	NA	20.95	7.43	NA	13.52	NA	NA
MW-8	10/27/1994	32,000	1,200	670	1,200	5,700	NA	NA	20.95	7.55	NA	13.40	NA	NA
MW-8	01/03/1995	38,000	1,000	700	1,500	7,500	NA	NA	20.95	6.04	NA	14.91	NA	NA
MW-8	04/13/1995	31,000	1,200	570	1,000	5,300	NA	NA	20.95	5.04	NA	15.91	NA	NA
MW-8	06/30/1995	110,000	2,000	1,500	2,000	9,700	NA	NA	20.95	5.72	NA	15.23	NA	NA
MW-8	10/11/1995	36,000	170	60	1,300	6,300	510	NA	20.95	7.06	NA	13.89	NA	NA
MW-8	01/17/1996	38,000	1,000	520	1,100	6,200	950	NA	20.95	5.84	NA	15.11	NA	NA
MW-8	04/10/1996	54,000	650	260	850	4,700	<250	NA	20.95	5.03	NA	15.92	NA	NA
MW-8	07/30/1996	33,000	780	330	830	4,200	1,700	NA	20.95	6.36	NA	14.59	NA	NA
MW-8	10/17/1996	35,000	750	300	1,100	5,000	1,200	NA	20.95	5.94	NA	15.01	NA	1.6
MW-8	01/22/1997	25,000	260	78	420	2,400	120	NA	20.95	5.93	NA	15.02	NA	1.8

WELL CONCENTRATIONS
Shell-branded Service Station
3420 San Pablo Avenue
Oakland, CA
Wic #204-5508-5306

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	Depth to SPH (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
MW-8	04/01/1997	22,000	680	180	550	2,500	260	NA	20.95	6.24	NA	14.71	NA	1.8
MW-8	07/14/1997	29,000	870	200	850	3,100	500	NA	20.95	8.59	NA	12.36	NA	1.4
MW-8	10/08/1997	27,000	1,000	190	960	3,000	170	NA	20.95	9.04	NA	11.91	NA	4.6
MW-8	01/19/1998	21,000	660	160	740	3,300	170	NA	20.95	3.34	NA	17.61	NA	2.2
MW-8	04/28/1998	Inaccessible		NA	NA	NA	NA	NA	20.95	NA	NA	NA	NA	NA
MW-8	09/30/1998	19,000	370	230	880	3,800	410	NA	21.15	7.00	NA	14.15	NA	1.2
MW-8	12/09/1998	1,400	92	90	74	260	<250	NA	21.15	6.38	NA	14.77	NA	3.6
MW-8	01/18/1999	317	<0.500	<0.500	3.04	0.984	3.92	NA	21.15	1.85	NA	19.30	NA	2.0
MW-8	04/12/1999	8,300	35.6	24.4	144	466	<100	NA	21.15	3.65	NA	17.50	NA	1.6
MW-8	07/27/1999	12,700	<5.00	5.47	281	1,130	50.3	NA	21.15	5.00	NA	16.15	NA	1.4
MW-8	10/14/1999	11,900	86.7	16.9	210	469	<100	NA	21.15	5.95	NA	15.20	NA	1.2
MW-8	01/06/2000	5,930	65	12.4	106	129	203.0	NA	21.15	6.19	NA	14.96	NA	1.3
MW-8	04/05/2000	6,770	100	<50.0	61.3	150	322	NA	21.15	5.14	NA	16.01	NA	2.1
MW-8	07/20/2000	28,900	109	307	119	235	337	NA	21.15	5.21	NA	15.94	NA	2.1
MW-9	08/06/1991	11,000	1,700	95	520	1,400	NA	NA	21.19	10.33	NA	10.86	NA	NA
MW-9	10/23/1991	20,000	1,000	47	<0.3	940	NA	NA	21.19	11.13	NA	10.06	NA	NA
MW-9	01/28/1992	3,500	120	<10	280	36	NA	NA	21.19	9.02	NA	12.17	NA	NA
MW-9	05/04/1992	7,700	1,200	<50	380	630	NA	NA	21.19	7.67	NA	13.52	NA	NA
MW-9	07/20/1992	11,000	910	<50	220	1,200	NA	NA	21.19	10.26	NA	10.93	NA	NA
MW-9	10/12/1992	2,100	340	15	77	44	NA	NA	21.19	12.19	NA	9.00	NA	NA
MW-9	01/12/1993	Inaccessible		NA	NA	NA	NA	NA	21.19	NA	NA	NA	NA	NA
MW-9	04/06/1993	Inaccessible		NA	NA	NA	NA	NA	21.19	NA	NA	NA	NA	NA
MW-9	07/12/1993	Inaccessible		NA	NA	NA	NA	NA	21.19	NA	NA	NA	NA	NA
MW-9	10/13/1993	2,900	140	<5	<5	120	NA	NA	21.19	11.17	NA	10.02	NA	NA
MW-9	01/20/1994	1,700	380	6.90	150	400	NA	NA	21.19	8.03	NA	13.16	NA	NA

WELL CONCENTRATIONS
Shell-branded Service Station
3420 San Pablo Avenue
Oakland, CA
Wic #204-5508-5306

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	Depth to SPH (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
MW-9	04/13/1994	6,000	1,000	<20	450	420	NA	NA	21.19	7.81	NA	13.38	NA	NA
MW-9	07/19/1994	12,000	1,400	<5	740	1,200	NA	NA	21.19	8.96	NA	12.23	NA	NA
MW-9	10/27/1994	10,000	1,200	160	280	860	NA	NA	21.19	11.00	NA	10.19	NA	NA
MW-9	01/03/1995	4,400	680	7.70	180	370	NA	NA	21.19	6.60	NA	14.59	NA	NA
MW-9	04/13/1995	1,700	270	<10	69	170	NA	NA	21.19	6.73	NA	14.46	NA	NA
MW-9	06/30/1995	14,000	2,200	18	900	2,600	NA	NA	21.19	7.32	NA	13.87	NA	NA
MW-9	10/11/1995	9,600	35	12	360	980	590	NA	21.19	8.10	NA	13.09	NA	NA
MW-9	01/17/1996	2,800	150	7.41	54	130	170	NA	21.19	5.75	NA	15.44	NA	NA
MW-9	04/10/1996	5,200	290	<5	92	220	240	NA	21.19	5.17	NA	16.02	NA	NA
MW-9	07/30/1996	5,100	960	<10	380	770	670	NA	21.19	8.10	NA	13.09	NA	NA
MW-9	10/17/1996	15,000	2,100	<25	590	1,300	1,500	NA	21.19	9.12	NA	12.07	NA	2.4
MW-9	01/22/1997	5,600	690	<5.0	140	310	620	NA	21.19	4.72	NA	16.47	NA	2.2
MW-9	04/01/1997	4,000	590	<10	140	200	600	NA	21.19	6.86	NA	14.33	NA	2.2
MW-9	07/14/1997	7,100	860	<10	51	230	950	NA	21.19	10.04	NA	11.15	NA	3.8
MW-9	10/08/1997	1,500	57	<2.0	2.0	13	540	NA	21.19	11.38	NA	9.81	NA	8.2
MW-9	01/19/1998	2,500	280	<20	79	61	620	NA	21.19	3.88	NA	17.31	NA	1.4
MW-9	04/28/1998	2,200	330	<20	91	110	640	NA	21.19	5.87	NA	15.32	NA	1.6
MW-9	09/30/1998	2,800	490	<5.0	87	240	1,200	NA	21.19	8.25	NA	12.94	NA	4.0
MW-9	12/09/1998	3,700	370	<5.0	83	130	1,100	NA	21.19	8.07	NA	13.12	NA	2.9
MW-9	01/18/1999	9,670	1,110	<5.00	442	571	786	NA	21.19	7.54	NA	13.65	NA	3.2
MW-9	04/12/1999	3,140	272	<10.0	41.6	114	542	NA	21.19	5.60	NA	15.59	NA	1.7
MW-9	07/27/1999	3,580	247	<1.00	67.7	137	432	NA	21.19	7.30	NA	13.89	NA	1.6
MW-9	10/14/1999	3,200	199	<10.0	74.1	88.9	468	NA	21.19	7.26	NA	13.93	NA	1.4
MW-9	01/06/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	21.19	8.31	NA	12.88	NA	1.5
MW-9	04/05/2000	2,790	156	<5.00	39.1	57.8	399	NA	21.19	5.40	NA	15.79	NA	0.9
MW-9	07/20/2000	5,530	283	14.9	379	728	92.7	NA	21.19	5.70	NA	15.49	NA	2.1

WELL CONCENTRATIONS
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3420 San Pablo Avenue
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Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	Depth to SPH (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
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MW-10	10/23/1991	27,000	1,600	110	1,800	510	NA	NA	19.74	8.57	NA	11.17	NA	NA
MW-10	01/28/1992	3,800	360	14	170	39	NA	NA	19.74	7.60	NA	12.14	NA	NA
MW-10	05/04/1992	3,000	360	<12.5	140	26	NA	NA	19.74	7.54	NA	12.20	NA	NA
MW-10	07/20/1992	15,000	400	<25	180	67	NA	NA	19.74	8.59	NA	11.15	NA	NA
MW-10	10/12/1992	16,000	320	<50	360	100	NA	NA	19.74	10.23	NA	9.51	NA	NA
MW-10	01/12/1993	Inaccessible		NA	NA	NA	NA	NA	19.74	NA	NA	NA	NA	NA
MW-10	04/06/1993	14,000	370	<0.5	880	210	NA	NA	19.74	6.70	NA	13.04	NA	NA
MW-10	07/12/1993	10,000	440	58	890	220	NA	NA	19.74	8.05	NA	11.69	NA	NA
MW-10	10/13/1993	15,000	1,000	51	810	170	NA	NA	19.74	8.25	NA	11.49	NA	NA
MW-10	01/20/1994	12,000	820	56	1,100	350	NA	NA	19.74	7.20	NA	12.54	NA	NA
MW-10	04/13/1994	18,000	760	36	700	130	NA	NA	19.74	7.57	NA	12.17	NA	NA
MW-10	07/19/1994	24,000	400	2.30	800	22	NA	NA	19.74	8.18	NA	11.56	NA	NA
MW-10	10/27/1994	11,000	360	43	310	89	NA	NA	19.74	8.68	NA	11.06	NA	NA
MW-10	01/03/1995	17,000	770	38	690	160	NA	NA	19.74	6.86	NA	12.88	NA	NA
MW-10	04/13/1995	9,900	650	16	280	40	NA	NA	19.74	6.91	NA	12.83	NA	NA
MW-10	06/30/1995	12,000	750	20	480	130	NA	NA	19.74	7.61	NA	12.13	NA	NA
MW-10	01/17/1996	17,000	870	260	93	830	NA	NA	19.74	7.00	NA	12.74	NA	NA
MW-10	04/10/1996	14,000	470	38	110	370	NA	NA	19.74	6.80	NA	NA	NA	NA
MW-10	07/30/1996	NA	NA	NA	NA	NA	NA	NA	19.74	NA	NA	NA	NA	NA
MW-10	10/17/1996	NA	NA	NA	NA	NA	NA	NA	19.74	NA	NA	NA	NA	NA
MW-10	01/22/1997	10,000	520	<20	64	32	180	NA	19.74	6.68	NA	13.06	NA	3.1
MW-10	04/01/1997	11,000	590	<20	53	32	210	NA	19.74	7.34	NA	12.40	NA	2.8
MW-10	07/14/1997	6,600	410	13	28	11	89	NA	19.74	8.10	NA	11.64	NA	1.4
MW-10	10/08/1997	7,600	220	13	65	22	190	NA	19.74	8.20	NA	11.54	NA	6.4
MW-10	01/19/1998	Inaccessible		NA	NA	NA	NA	NA	19.74	NA	NA	NA	NA	NA

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Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	Depth to SPH (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
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MW-10	04/28/1998	Inaccessible		NA	NA	NA	NA	NA	19.74	NA	NA	NA	NA	NA
MW-10	09/30/1998	Inaccessible		NA	NA	NA	NA	NA	19.76	8.11	NA	11.65	NA	NA
MW-10	12/09/1998	28,000	150	<100	240	160	<500	NA	19.76	8.21	NA	11.55	NA	2.7
MW-10	01/18/1999	Inaccessible		NA	NA	NA	NA	NA	19.76	NA	NA	NA	NA	NA
MW-10	04/12/1999	8,320	71.2	27.4	138	456	<100	NA	19.76	5.96	NA	13.80	NA	1.8
MW-10	07/27/1999	Inaccessible		NA	NA	NA	NA	NA	19.76	NA	NA	NA	NA	NA
MW-10	10/14/1999	Inaccessible		NA	NA	NA	NA	NA	19.76	NA	NA	NA	NA	NA
MW-10	01/06/2000	Inaccessible		NA	NA	NA	NA	NA	19.76	NA	NA	NA	NA	NA
MW-10	02/01/2000	4880	40.2	5.27	27.0	8.42	75.5	23.9	19.76	6.43	NA	13.33	NA	1.6
MW-10	04/05/2000	4,950	97.6	6.72	20.2	5.39	104	NA	19.76	7.00	NA	12.76	NA	1.7
MW-10	07/20/2000	2,800	166	191	27.6	88.7	81.5	NA	19.76	7.03	NA	12.73	NA	1.0

MW-11	10/23/1991	140	<12	<0.3	0.37	0.56	NA	NA	22.06	8.06	NA	8.06	NA	NA
MW-11	01/28/1992	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	22.06	8.74	NA	3.32	NA	NA
MW-11	05/04/1992	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	22.06	8.29	NA	13.77	NA	NA
MW-11	07/13/1992	140	<0.5	<0.5	<0.5	<0.5	NA	NA	22.06	10.50	NA	11.56	NA	NA
MW-11	10/12/1992	75	<0.5	<0.5	<0.5	<0.5	NA	NA	22.06	12.40	NA	9.66	NA	NA
MW-11	01/12/1993	Inaccessible		NA	NA	NA	NA	NA	22.06	NA	NA	NA	NA	NA
MW-11	04/06/1993	Inaccessible		NA	NA	NA	NA	NA	22.06	NA	NA	NA	NA	NA
MW-11	07/12/1993	Inaccessible		NA	NA	NA	NA	NA	22.06	NA	NA	NA	NA	NA
MW-11	10/13/1993	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	22.06	11.47	NA	10.59	NA	NA
MW-11	01/20/1994	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	22.06	9.09	NA	12.97	NA	NA
MW-11	04/13/1994	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	22.06	8.02	NA	14.04	NA	NA
MW-11	07/19/1994	50	<0.5	<0.5	<0.5	<0.5	NA	NA	22.06	9.82	NA	12.24	NA	NA
MW-11	10/27/1994	60*	<0.5	<0.5	<0.5	<0.5	NA	NA	22.06	11.66	NA	10.40	NA	NA
MW-11	01/03/1995	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	22.06	6.15	NA	15.91	NA	NA

WELL CONCENTRATIONS
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3420 San Pablo Avenue
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Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	Depth to SPH (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
MW-11	04/13/1995	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	22.06	6.00	NA	16.06	NA	NA
MW-11	06/30/1995	70	<0.5	<0.5	<0.5	<0.5	NA	NA	22.06	8.31	NA	13.75	NA	NA
MW-11	10/11/1995	60	53	<0.5	<0.5	0.80	3.0	NA	22.06	10.30	NA	11.76	NA	NA
MW-11	01/17/1996	<50	<0.5	<0.5	<0.5	<0.5	<2	NA	22.06	6.45	NA	15.61	NA	NA
MW-11	04/10/1996	<50	<0.5	<0.5	<0.5	<0.5	3.9	NA	22.06	6.05	NA	16.01	NA	NA
MW-11	07/30/1996	<50	<0.5	<0.5	<0.5	<0.5	<2.5	NA	22.06	8.92	NA	13.14	NA	NA
MW-11	10/17/1996	3,000	28	23	29	210	76	NA	22.06	9.24	NA	12.82	NA	NA
MW-11	01/22/1997	<50	<0.5	<0.5	<0.5	<0.5	<2.5	NA	22.06	5.12	NA	16.94	NA	3.7
MW-11	04/01/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	22.06	7.41	NA	14.65	NA	2.8
MW-11	07/14/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	22.06	9.74	NA	12.32	NA	1.9
MW-11	10/08/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	22.06	10.23	NA	11.83	NA	2.4
MW-11	01/19/1998	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	22.06	3.69	NA	18.37	NA	3.2
MW-11	04/28/1998	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	22.06	5.83	NA	16.23	NA	3.0
MW-11	09/30/1998	Inaccessible		NA	NA	NA	NA	NA	22.06	NA	NA	NA	NA	NA
MW-11	12/09/1998	Inaccessible		NA	NA	NA	NA	NA	22.06	NA	NA	NA	NA	NA
MW-11	01/18/1999	Inaccessible		NA	NA	NA	NA	NA	22.06	NA	NA	NA	NA	NA
MW-11	04/12/1999	Inaccessible		NA	NA	NA	NA	NA	22.06	NA	NA	NA	NA	NA
MW-11	04/26/1999	63	<0.50	<0.50	<0.50	<0.50	<2.5	NA	22.06	5.80	NA	16.26	NA	3.6
MW-11	07/27/1999	<50.0	<0.500	<0.500	<0.500	<0.500	6.02	NA	22.06	8.30	NA	13.76	NA	2.0
MW-11	10/14/1999	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	NA	22.06	8.99	NA	13.07	NA	2.4
MW-11	01/06/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	22.06	9.93	NA	12.13	NA	2.9
MW-11	04/05/2000	<50.0	<0.500	<0.500	<0.500	<0.500	3.53	NA	22.06	5.90	NA	16.16	NA	1.8
MW-11	07/20/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	22.06	6.13	NA	15.93	NA	1.7

WELL CONCENTRATIONS
Shell-branded Service Station
3420 San Pablo Avenue
Oakland, CA
Wic #204-5508-5306

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	Depth to SPH (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
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Abbreviations:

TPPH = Total petroleum hydrocarbons as gasoline by modified EPA Method 8015

BTEX = benzene, toluene, ethylbenzene, xylenes by EPA Method 8020

MTBE = methyl-tertiary-butyl ether

TOC = Top of Casing Elevation

SPH = Separate-Phase Hydrocarbons

GW = Groundwater

DO = Dissolved Oxygen

ug/L = parts per billion

ppm = parts per million

msl = Mean sea level

ft = Feet

<n = Below detection limit

(D) = Duplicate sample

NA = Not applicable

Notes:

a = Chromatogram pattern indicates an unidentified hydrocarbon.

b = MTBE could not be quantified due to co-eluting compounds.

* = This sample was analyzed outside the EPA recommended holding time.

Resurvey of wells was performed on August 28, 1998 by Virgil Chavez Land Surveying.



Sequoia Analytical

885 Jarvis Drive
Morgan Hill, CA 95037
(408) 776-9600
FAX (408) 782-6308
www.sequoialabs.com

10 August, 2000

Nick Sudano
Blaine Tech Services (Shell)
1680 Rogers Avenue
San Jose, CA 95112

RE: 3420 San Pablo Ave.
Sequoia Report: MJG0614

Enclosed are the results of analyses for samples received by the laboratory on 07/21/00 13:27. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Ted Terrasas
Project Manager

CA ELAP Certificate #1210





Blaine Tech Services (Shell)
1680 Rogers Avenue
San Jose CA, 95112

Project: 3420 San Pablo Ave.
Project Number: 3420 San Pablo Ave./ Oakland
Project Manager: Nick Sudano

Reported:
08/10/00 10:35

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-1	MJG0614-01	Water	07/20/00 14:07	07/21/00 13:27
MW-2	MJG0614-02	Water	07/20/00 14:54	07/21/00 13:27
MW-3R	MJG0614-03	Water	07/20/00 10:28	07/21/00 13:27
MW-4	MJG0614-04	Water	07/20/00 10:42	07/21/00 13:27
MW-5	MJG0614-05	Water	07/20/00 13:40	07/21/00 13:27
MW-6R	MJG0614-06	Water	07/20/00 11:19	07/21/00 13:27
MW-7	MJG0614-07	Water	07/20/00 15:25	07/21/00 13:27
MW-8	MJG0614-08	Water	07/20/00 13:17	07/21/00 13:27
MW-9	MJG0614-09	Water	07/20/00 12:53	07/21/00 13:27
MW-10	MJG0614-10	Water	07/20/00 14:25	07/21/00 13:27
MW-11	MJG0614-11	Water	07/20/00 10:00	07/21/00 13:27





Blaine Tech Services (Shell) 1680 Rogers Avenue San Jose CA, 95112	Project: 3420 San Pablo Ave. Project Number: 3420 San Pablo Ave./ Oakland Project Manager: Nick Sudano	Reported: 08/10/00 10:35
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**Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT
Sequoia Analytical - Morgan Hill**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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MW-1 (MJG0614-01) Water **Sampled: 07/20/00 14:07** **Received: 07/21/00 13:27**

Purgeable Hydrocarbons	3600	500	ug/l	10	0H02001	08/02/00	08/02/00	DHS LUFT	P-01
Benzene	37.9	5.00	"	"	"	"	"	"	
Toluene	36.0	5.00	"	"	"	"	"	"	
Ethylbenzene	34.2	5.00	"	"	"	"	"	"	
Xylenes (total)	40.4	5.00	"	"	"	"	"	"	
Methyl tert-butyl ether	3140	25.0	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		96.5 %	70-130		"	"	"	"	

MW-2 (MJG0614-02) Water **Sampled: 07/20/00 14:54** **Received: 07/21/00 13:27**

Purgeable Hydrocarbons	32100	5000	ug/l	100	0H02001	08/02/00	08/02/00	DHS LUFT	P-01
Benzene	5290	50.0	"	"	"	"	"	"	
Toluene	68.6	50.0	"	"	"	"	"	"	
Ethylbenzene	1870	50.0	"	"	"	"	"	"	
Xylenes (total)	3810	50.0	"	"	"	"	"	"	
Methyl tert-butyl ether	254	250	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		118 %	70-130		"	"	"	"	

MW-3R (MJG0614-03) Water **Sampled: 07/20/00 10:28** **Received: 07/21/00 13:27**

Purgeable Hydrocarbons	ND	50.0	ug/l	1	0H02001	08/02/00	08/02/00	DHS LUFT	
Benzene	ND	0.500	"	"	"	"	"	"	
Toluene	ND	0.500	"	"	"	"	"	"	
Ethylbenzene	ND	0.500	"	"	"	"	"	"	
Xylenes (total)	ND	0.500	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	2.50	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		90.0 %	70-130		"	"	"	"	





Blaine Tech Services (Shell)
1680 Rogers Avenue
San Jose CA, 95112

Project: 3420 San Pablo Ave.
Project Number: 3420 San Pablo Ave./ Oakland
Project Manager: Nick Sudano

Reported:
08/10/00 10:35

Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-4 (MJG0614-04) Water Sampled: 07/20/00 10:42 Received: 07/21/00 13:27									
Purgeable Hydrocarbons	6740	1000	ug/l	20	0H02001	08/02/00	08/02/00	DHS LUFT	P-01
Benzene	114	10.0	"	"	"	"	"	"	
Toluene	36.4	10.0	"	"	"	"	"	"	
Ethylbenzene	71.9	10.0	"	"	"	"	"	"	
Xylenes (total)	28.2	10.0	"	"	"	"	"	"	
Methyl tert-butyl ether	1900	50.0	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		102 %	70-130	"	"	"	"	"	
MW-5 (MJG0614-05) Water Sampled: 07/20/00 13:40 Received: 07/21/00 13:27									
Purgeable Hydrocarbons	15500	5000	ug/l	100	0H02001	08/02/00	08/02/00	DHS LUFT	P-01
Benzene	60.5	50.0	"	"	"	"	"	"	
Toluene	181	50.0	"	"	"	"	"	"	
Ethylbenzene	104	50.0	"	"	"	"	"	"	
Xylenes (total)	108	50.0	"	"	"	"	"	"	
Methyl tert-butyl ether	460	250	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		91.2 %	70-130	"	"	"	"	"	
MW-6R (MJG0614-06) Water Sampled: 07/20/00 11:19 Received: 07/21/00 13:27									
Purgeable Hydrocarbons	17200	2000	ug/l	40	0H02001	08/02/00	08/02/00	DHS LUFT	P-01
Benzene	1070	20.0	"	"	"	"	"	"	
Toluene	42.9	20.0	"	"	"	"	"	"	
Ethylbenzene	1260	20.0	"	"	"	"	"	"	
Xylenes (total)	2490	20.0	"	"	"	"	"	"	
Methyl tert-butyl ether	725	100	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		130 %	70-130	"	"	"	"	"	





Blaine Tech Services (Shell)
1680 Rogers Avenue
San Jose CA, 95112

Project: 3420 San Pablo Ave.
Project Number: 3420 San Pablo Ave./ Oakland
Project Manager: Nick Sudano

Reported:
08/10/00 10:35

Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT
Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-7 (MJG0614-07) Water Sampled: 07/20/00 15:25 Received: 07/21/00 13:27									
Purgeable Hydrocarbons	28400	10000	ug/l	200	0H02001	08/02/00	08/02/00	DHS LUFT	P-01
Benzene	263	100	"	"	"	"	"	"	
Toluene	251	100	"	"	"	"	"	"	
Ethylbenzene	457	100	"	"	"	"	"	"	
Xylenes (total)	1300	100	"	"	"	"	"	"	
Methyl tert-butyl ether	690	500	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		103 %	70-130		"	"	"	"	
MW-8 (MJG0614-08) Water Sampled: 07/20/00 13:17 Received: 07/21/00 13:27									
Purgeable Hydrocarbons	28900	2000	ug/l	40	0H02001	08/02/00	08/02/00	DHS LUFT	P-03
Benzene	109	20.0	"	"	"	"	"	"	
Toluene	307	20.0	"	"	"	"	"	"	
Ethylbenzene	119	20.0	"	"	"	"	"	"	
Xylenes (total)	235	20.0	"	"	"	"	"	"	
Methyl tert-butyl ether	337	100	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		135 %	70-130		"	"	"	"	S-02
MW-9 (MJG0614-09) Water Sampled: 07/20/00 12:53 Received: 07/21/00 13:27									
Purgeable Hydrocarbons	5530	500	ug/l	10	0H02001	08/02/00	08/02/00	DHS LUFT	M-03
Benzene	283	5.00	"	"	"	"	"	"	
Toluene	14.9	5.00	"	"	"	"	"	"	
Ethylbenzene	379	5.00	"	"	"	"	"	"	
Xylenes (total)	728	5.00	"	"	"	"	"	"	
Methyl tert-butyl ether	92.7	25.0	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		159 %	70-130		"	"	"	"	S-02





Blaine Tech Services (Shell)
1680 Rogers Avenue
San Jose CA, 95112

Project: 3420 San Pablo Ave.
Project Number: 3420 San Pablo Ave./ Oakland
Project Manager: Nick Sudano

Reported:
08/10/00 10:35

Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-10 (MJG0614-10) Water Sampled: 07/20/00 14:25 Received: 07/21/00 13:27									
Purgeable Hydrocarbons	2800	500	ug/l	10	GH02001	08/02/00	08/02/00	DHS LUFT	P-01
Benzene	166	5.00	"	"	"	"	"	"	
Toluene	191	5.00	"	"	"	"	"	"	
Ethylbenzene	27.6	5.00	"	"	"	"	"	"	
Xylenes (total)	88.7	5.00	"	"	"	"	"	"	
Methyl tert-butyl ether	81.5	25.0	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		97.2 %	70-130		"	"	"	"	
MW-11 (MJG0614-11) Water Sampled: 07/20/00 10:00 Received: 07/21/00 13:27									
Purgeable Hydrocarbons	ND	50.0	ug/l	1	GH03006	08/03/00	08/03/00	DHS LUFT	
Benzene	ND	0.500	"	"	"	"	"	"	
Toluene	ND	0.500	"	"	"	"	"	"	
Ethylbenzene	ND	0.500	"	"	"	"	"	"	
Xylenes (total)	ND	0.500	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	2.50	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		90.6 %	70-130		"	"	"	"	





Blaine Tech Services (Shell) 1680 Rogers Avenue San Jose CA, 95112	Project: 3420 San Pablo Ave. Project Number: 3420 San Pablo Ave./ Oakland Project Manager: Nick Sudano	Reported: 08/10/00 10:35
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**MTBE Confirmation by EPA Method 8260A
Sequoia Analytical - Morgan Hill**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-1 (MJG0614-01) Water Sampled: 07/20/00 14:07 Received: 07/21/00 13:27									
Methyl tert-butyl ether	3430	100	ug/l	100	0H09010	08/08/00	08/08/00	EPA 8260A	I-02
Surrogate. 1,2-Dichloroethane-d4		107 %	70-130		"	"	"	"	I-02





Blaine Tech Services (Shell)
1680 Rogers Avenue
San Jose CA, 95112

Project: 3420 San Pablo Ave.
Project Number: 3420 San Pablo Ave./ Oakland
Project Manager: Nick Sudano

Reported:
08/10/00 10:35

Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT - Quality Control Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 0H02001 - EPA 5030B [P/T]

Blank (0H02001-BLK1)

Prepared & Analyzed: 08/02/00

Purgeable Hydrocarbons	ND	50.0	ug/l							
Benzene	ND	0.500	"							
Toluene	ND	0.500	"							
Ethylbenzene	ND	0.500	"							
Xylenes (total)	ND	0.500	"							
Methyl tert-butyl ether	ND	2.50	"							
Surrogate: <i>a,a,a</i> -Trifluorotoluene	7.82		"	10.0		78.2	70-130			

LCS (0H02001-BS1)

Prepared & Analyzed: 08/02/00

Benzene	10.1	0.500	ug/l	10.0		101	70-130			
Toluene	10.2	0.500	"	10.0		102	70-130			
Ethylbenzene	10.1	0.500	"	10.0		101	70-130			
Xylenes (total)	31.3	0.500	"	30.0		104	70-130			
Surrogate: <i>a,a,a</i> -Trifluorotoluene	9.18		"	10.0		91.8	70-130			

Matrix Spike (0H02001-MS1)

Source: MJG0614-03

Prepared & Analyzed: 08/02/00

Benzene	9.95	0.500	ug/l	10.0	ND	99.5	60-140			
Toluene	10.2	0.500	"	10.0	ND	102	60-140			
Ethylbenzene	9.85	0.500	"	10.0	ND	98.5	60-140			
Xylenes (total)	31.5	0.500	"	30.0	ND	105	60-140			
Surrogate: <i>a,a,a</i> -Trifluorotoluene	9.19		"	10.0		91.9	70-130			

Matrix Spike Dup (0H02001-MSD1)

Source: MJG0614-03

Prepared & Analyzed: 08/02/00

Benzene	9.97	0.500	ug/l	10.0	ND	99.7	60-140	0.201	25	
Toluene	10.1	0.500	"	10.0	ND	101	60-140	0.985	25	
Ethylbenzene	9.72	0.500	"	10.0	ND	97.2	60-140	1.33	25	
Xylenes (total)	31.0	0.500	"	30.0	ND	103	60-140	1.60	25	
Surrogate: <i>a,a,a</i> -Trifluorotoluene	8.95		"	10.0		89.5	70-130			





Blaine Tech Services (Shell)
1680 Rogers Avenue
San Jose CA, 95112

Project: 3420 San Pablo Ave.
Project Number: 3420 San Pablo Ave./ Oakland
Project Manager: Nick Sudano

Reported:
08/10/00 10:35

**Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT - Quality Control
Sequoia Analytical - Morgan Hill**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 0H03006 - EPA 5030B [P/T]

Blank (0H03006-BLK1)

Prepared & Analyzed: 08/03/00

Purgeable Hydrocarbons	ND	50.0	ug/l							
Benzene	ND	0.500	"							
Toluene	ND	0.500	"							
Ethylbenzene	ND	0.500	"							
Xylenes (total)	ND	0.500	"							
Methyl tert-butyl ether	ND	2.50	"							
<i>Surrogate: a,a,a-Trifluorotoluene</i>	<i>9.01</i>		<i>"</i>	<i>10.0</i>		<i>90.1</i>	<i>70-130</i>			

LCS (0H03006-BS1)

Prepared & Analyzed: 08/03/00

Purgeable Hydrocarbons	250	50.0	ug/l	250	ND	100	70-130			
<i>Surrogate: a,a,a-Trifluorotoluene</i>	<i>9.65</i>		<i>"</i>	<i>10.0</i>		<i>96.5</i>	<i>70-130</i>			

Matrix Spike (0H03006-MS1)

Source: MJG0671-01

Prepared & Analyzed: 08/03/00

Purgeable Hydrocarbons	241	50.0	ug/l	250	ND	96.4	60-140			
<i>Surrogate: a,a,a-Trifluorotoluene</i>	<i>10.1</i>		<i>"</i>	<i>10.0</i>		<i>101</i>	<i>70-130</i>			

Matrix Spike Dup (0H03006-MSD1)

Source: MJG0671-01

Prepared & Analyzed: 08/03/00

Purgeable Hydrocarbons	247	50.0	ug/l	250	ND	98.8	60-140	2.46	25	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	<i>10.0</i>		<i>"</i>	<i>10.0</i>		<i>100</i>	<i>70-130</i>			





Blaine Tech Services (Shell)
1680 Rogers Avenue
San Jose CA, 95112

Project: 3420 San Pablo Ave.
Project Number: 3420 San Pablo Ave./ Oakland
Project Manager: Nick Sudano

Reported:
08/10/00 10:35

**MTBE Confirmation by EPA Method 8260A - Quality Control
Sequoia Analytical - Morgan Hill**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	Limits	RPD	RPD Limit	Notes
Batch 0H09010 - EPA 5030B [P/T]										
Blank (0H09010-BLK1)				Prepared & Analyzed: 08/08/00						
Methyl tert-butyl ether	ND	1.00	ug/l							
Surrogate: 1,2-Dichloroethane-d4	10.4		"	10.0		104	70-130			
LCS (0H09010-BS1)				Prepared & Analyzed: 08/08/00						
Methyl tert-butyl ether	9.75	1.00	ug/l	10.0		97.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	10.3		"	10.0		103	70-130			
Matrix Spike (0H09010-MS1)				Source: MJG0679-01		Prepared & Analyzed: 08/08/00				
Methyl tert-butyl ether	726	20.0	ug/l	200	505	111	70-130			
Surrogate: 1,2-Dichloroethane-d4	9.61		"	10.0		96.1	70-130			
Matrix Spike Dup (0H09010-MSD1)				Source: MJG0679-01		Prepared & Analyzed: 08/08/00				
Methyl tert-butyl ether	705	20.0	ug/l	200	505	100	70-130	2.94	25	
Surrogate: 1,2-Dichloroethane-d4	10.7		"	10.0		107	70-130			





Blaine Tech Services (Shell)
1680 Rogers Avenue
San Jose CA, 95112

Project: 3420 San Pablo Ave.
Project Number: 3420 San Pablo Ave./ Oakland
Project Manager: Nick Sudano

Reported:
08/10/00 10:35

Notes and Definitions

- I-02 This sample was analyzed outside of the EPA recommended holding time.
- M-03 Sample was analyzed at a second dilution per clients request.
- P-01 Chromatogram Pattern: Gasoline C6-C12
- P-03 Chromatogram Pattern: Unidentified Hydrocarbons C6-C12
- S-02 The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample.
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference



WELL GAUGING DATA

Project # 000720 F1 Date 7-20-00 Client Equiva

Site 3420 San Pablo Ave. OAKLAND CA.

Well ID	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC
MW-1	4					4.11	24.39	
MW-2	4					5.47	19.15	
MW-3R	2					6.94	20.27	
MW-4	4					6.10	19.08	
MW-5	4					6.40	24.79	
MW-6R	2					6.79	24.69	
MW-7	4					5.01	19.52	
MW-8	4					5.21	18.67	
MW-9	4					5.70	19.51	
MW-10	4					7.03	18.77	
MW-11	4					6.13 6.13	18.84	

Environ

WELL MONITORING DATA SHEET

Project #: 000000 000720 F1	Station # 204-5508-5306
Sampler: MILE S.	Date: 7-20-00
Well I.D.: MW-1	Well Diameter: 2 3 (4) 6 8
Total Well Depth: 24.39	Depth to Water: 4.11
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): (YSI) HACH

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	1"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius * 0.163

Purge Method: Bailer Disposable Bailer Middleburg Electric Submersible Extraction Pump Other: _____

Sampling Method: Bailer Disposable Bailer Extraction Port Other: _____

13.1	x	3	=	39.5	Gals
1 Case Volume (Gals)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations						
1358	72.6	6.9	801	14	grey w/ odor						
1400	72.6	6.9	815	28							
1402	73.4	6.9	812	40							
					<table border="1"> <tr> <td>Turbidity</td> <td>67</td> </tr> <tr> <td>↓</td> <td>89</td> </tr> <tr> <td></td> <td>94</td> </tr> </table>	Turbidity	67	↓	89		94
Turbidity	67										
↓	89										
	94										

Did well dewater? Yes No Gallons actually evacuated: 40

Sampling Time: 1407 Sampling Date: 7-20-00

Sample I.D. (~~MW-1~~): MW-1 Laboratory: Pace Other: Sequoia

Analyzed for: (IPI-C) (BTEX) (MIB) (PH-D) Other:

D.O. (if req'd):	Pre-purge	mg/l	Post-purge:	1.2	mg/l
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:		mV

Equiva

WELL MONITORING DATA SHEET

Project #: 000720 f1	Station #: 204-SS08-S306
Sampler: Mike S.	Date: 7-20-00
Well I.D.: MW-2	Well Diameter: 2 3 4 6 8
Total Well Depth: 19.15	Depth to Water: 547
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	D.O. Meter (if req'd): YSI HACH

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius ² * 0.163

Purge Method: Bailer
 Disposable Bailer
 Middleburg
 Electric Submersible Extraction Pump
 Other: _____

Sampling Method: Bailer
 Disposable Bailer
 Extraction Port
 Other: _____

880	X	3	=	26.6	Gals.
I Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
1447	69.3	6.8	1055	9	Turbidity 15 clear/2000
1448	69.7	6.6	884	18	30 " "
1449	70.0	6.7	793	27	30 " "

Did well dewater? Yes No Gallons actually evacuated: 30

Sampling Time: 1454 Sampling Date: 7-20-00

Sample I.D. (Blind): MW-2 Laboratory: Pace Other: Sequoia

Analyzed for: TPH-G BTEX MTBE TPH-D Other:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	2.9	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:		mV

EQUIVA WELL MONITORING DATA SHEET

BTS #: <u>000720 S1</u>	Site: <u>204-8608-5306</u>
Sampler: <u>MIKE S.</u>	Date: <u>7-20-00</u>
Well I.D.: <u>MW-3R</u>	Well Diameter: <u>(2)</u> 3 4 6 8
Total Well Depth: <u>28.27</u>	Depth to Water: <u>6.94'</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>(PVC)</u> Grade	D.O. Meter (if req'd): <u>(YSI)</u> HACH

Purge Method: Bailer Waterra
 Disposable Bailer Peristaltic
 Middleburg Extraction Pump
 Electric Submersible Other _____

Sampling Method: Bailer
 Disposable Bailer
 Extraction Port
 Dedicated Tubing
 Other: _____

3.4 (Gals) X 3 = 10.2 Gals.
 1 Case Volume Specified Volumes Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius ² * 0.163

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
1018	67.1	6.8	2190	19	4	clear
1021	66.9	6.8	1975	22	8	↓
1025	67.1	6.7	1977	25	11	

Did well dewater? Yes No Gallons actually evacuated: 11

Sampling Time: 1028 Sampling Date: 7-20-00

Sample I.D.: MW-3R Laboratory: (Sequoyia) Columbia Other _____

Analyzed for: (PH) (BTEX) (MTBE) (PH-D) Other: _____

EB I.D. (if applicable): _____ Duplicate I.D. (if applicable): _____

Analyzed for: (PH) (BTEX) (MTBE) (PH-D) Other: _____

D.O. (if req'd):	Pre-purge:	mg/L	<u>(Post-purge)</u>	1.1	mg/L
	Post-purge:	mV			mV

EQUIVA WELL MONITORING DATA SHEET

BTS #: 000720 f1	Site: 204-5509-5306
Sampler: mikes.	Date: 7-20-00
Well I.D.: MW-4	Well Diameter: 2 3 (4) 6 8
Total Well Depth: 1908	Depth to Water: 6.10
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): (YSI) HACH

Purge Method:

- | | |
|--|--|
| <input type="checkbox"/> Bailer | <input type="checkbox"/> Waterira |
| <input type="checkbox"/> Disposable Bailer | <input type="checkbox"/> Peristaltic |
| <input type="checkbox"/> Middleburg | <input type="checkbox"/> Extraction Pump |
| <input checked="" type="checkbox"/> Electric Submersible | <input type="checkbox"/> Other _____ |

Sampling Method:

- | |
|--|
| <input checked="" type="checkbox"/> Bailer |
| <input type="checkbox"/> Disposable Bailer |
| <input type="checkbox"/> Extraction Port |
| <input type="checkbox"/> Dedicated Tubing |
| Other: _____ |

8.4	(Gals.) X	3	=	25.3	Gals.
1 Case Volume		Specified Volumes		Calculated Volume	

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4'	0.65
2"	0.16	6'	1.47
3"	0.37	Other	radius ² * 0.163

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
1037	67.4	7.1	924	49	9	00002
1038	67.3	7.0	1010	53	18	00012
1039	67.6	7.0	1007	55	26	00002

Did well dewater? Yes No Gallons actually evacuated: **26**

Sampling Time: **1042** Sampling Date: **7-20-00**

Sample I.D.: **MW-4** Laboratory: **(Sequoia)** Columbia Other _____

Analyzed for: **(PHG)** **(PTE)** **(MIBE)** **(PHD)** Other _____

EB I.D. (if applicable): _____ @ _____ time Duplicate I.D. (if applicable): _____

Analyzed for: **(PHG)** **(BIFX)** **(MIBE)** **(PHD)** Other _____

D.O. (if req'd)	Pre purge	$\frac{mg}{l}$	(Post purge)	$\frac{mg}{l}$	2.1
O.R.P. (if req'd)	Pre purge	mV	Post purge	mV	

Equinox

WELL MONITORING DATA SHEET

Project #: <u>000720-F1</u>	Station # <u>204-5500-5306</u>
Sampler: <u>MILICES.</u>	Date: <u>7-20-00</u>
Well I.D.: <u>MW-5</u>	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: <u>24.79</u>	Depth to Water: <u>5.40</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): <u>YSI</u> HACH

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius ² * 0.163

Purge Method: Bailer Disposable Bailer Middleburg Electric Submersible Extraction Pump Other _____

Sampling Method: Bailer Disposable Bailer Extraction Port Other _____

12.6 X 3 = 37.8 Gals
 1 Case Volume (Gals) Specified Volumes Calculated Volume

Time	Temp (°F)	pH	Cond	Gals. Removed	Observations
1330	70.6	6.9	785	13	0002 / clear
1332	70.5	6.8	793	26	↓ ↓
1334	71.0	6.9	754	38	↓ ↓

Did well dewater? Yes No Gallons actually evacuated: 38

Sampling Time: 1340 Sampling Date: 7-20-00

Sample I.D. (Blind): MW-5 Laboratory: ~~Blaine~~ Other: Sequoia

Analyzed for: TPH-D BTEX MTBE TPH-D Other _____

D.O. (if req'd):	Pre-purge	mg/l	Post-purge	1.7	mg/l
O.R.P. (if req'd):	Pre-purge	mV	Post-purge		mV

EQUIVA WELL MONITORING DATA SHEET

BTS #: <u>000720 F1</u>	Site: <u>204-5508-5306</u>
Sampler: <u>MIKE S.</u>	Date: <u>7-20-00</u>
Well I.D.: <u>MW-6R</u>	Well Diameter: <u>(2)</u> 3 4 6 8
Total Well Depth: <u>24.69</u>	Depth to Water: <u>6.79</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>(PVC)</u> Grade	D.O. Meter (if req'd): <u>(YSI)</u> HACH

Purge Method:

- Bailer
 Disposable Bailer
 Middleburg
 Electric Submersible
 Waterra
 Peristaltic
 Extraction Pump
 Other _____

Sampling Method:

- Bailer
 Disposable Bailer
 Extraction Port
 Dedicated Tubing
 Other: _____

2.8 (Gals.) X 3 = 8.5 Gals.
 Case Volume Specified Volumes Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius ² * 0.163

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
<u>1107</u>	<u>67.9</u>	<u>6.9</u>	<u>899</u>	<u>89</u>	<u>3</u>	<u>ODOR / green color</u>
<u>1113</u>	<u>67.7</u>	<u>6.8</u>	<u>913</u>	<u>87</u>	<u>6</u>	<u>green color</u>
<u>1116</u>	<u>67.7</u>	<u>6.8</u>	<u>927</u>	<u>89</u>	<u>9</u>	<u>↓</u>

Did well dewater? Yes No Gallons actually evacuated: 9

Sampling Time: 1119 Sampling Date: 7-20-00

Sample I.D.: MW-6R Laboratory: (Sequoia) Columbia Other _____

Analyzed for: (PH) (EX) (MIB) (H-D) Other _____

EB I.D. (if applicable): _____ Duplicate I.D. (if applicable): _____

Analyzed for: (PH) (EX) (MIB) (H-D) Other _____

D.O. (if req'd)	Pre-purge: _____ mg/l	Post-purge: <u>26</u> mg/l
ORP (if req'd)	Pre-purge: _____ mV	Post-purge: _____ mV

Equiva

WELL MONITORING DATA SHEET

Project #: 000720 F1	Station # 204-SS08 - 5306
Sampler: MIKE S.	Date: 7-20-00
Well I.D.: MW-7	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: 19.52	Depth to Water: 5.01
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): <u>YSI</u> HACH

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.01	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius * 0.163

Purge Method: Bailer Disposable Bailer Middleburg Electric Submersible Extraction Pump Other: _____

Sampling Method: Bailer Disposable Bailer Extraction Port Other: _____

$$\frac{94}{1 \text{ Case Volume (Gals)}} \times \frac{3}{\text{Specified Volumes}} = \frac{28.2}{\text{Calculated Volume}} \text{ Gals}$$

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
1517	68.5	7.1	396	10	Turbidity 14 clear/odor
1519	68.9	7.0	373	20	21
1520	68.7	7.0	374	29	24 ↓

Did well dewater? Yes No Gallons actually evacuated: 29

Sampling Time: 1525 Sampling Date: 7-20-00

Sample I.D. (~~HW~~): MW-7 Laboratory: Pace Other: Sequoia

Analyzed for: TPH-G BTEX MIBX TPH-D Other

D.O. (if req'd):	Pre-purge	mg/l	<u>Post-purge</u>	1.7	mg/l
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:		mV

EQUIVA WELL MONITORING DATA SHEET

BTS #: <u>000720 F1</u>	Site: <u>204-5508-5306</u>
Sampler: <u>MILES</u>	Date: <u>7-20-00</u>
Well I.D.: <u>MW-8</u>	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: <u>18.67</u>	Depth to Water: <u>5.21</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): <u>YSI</u> HACH

Purge Method:

- | | |
|--|--|
| <input type="checkbox"/> Bailer | <input type="checkbox"/> Waterra |
| <input type="checkbox"/> Disposable Bailer | <input type="checkbox"/> Peristaltic |
| <input type="checkbox"/> Middleburg | <input type="checkbox"/> Extraction Pump |
| <input checked="" type="checkbox"/> Electric Submersible | <input type="checkbox"/> Other _____ |

Sampling Method:

- | |
|--|
| <input checked="" type="checkbox"/> Bailer |
| <input type="checkbox"/> Disposable Bailer |
| <input type="checkbox"/> Extraction Port |
| <input type="checkbox"/> Dedicated Tubing |
| Other: _____ |

8.7 (Gals.) \times 3 = 26.2 Gals.
 Case Volume Specified Volumes Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius ² * 0.163

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
1308	72.8	7.1	1306	39	9	0000
1309	71.4	6.9	908	47	18	0000
1310	71.3	6.9	899	53	27	↓

Did well dewater? Yes No Gallons actually evacuated: 27

Sampling Time: 1317 Sampling Date: 7-20-00

Sample I.D.: MW-8 Laboratory: Sequoia Columbia Other _____

Analyzed for: IPHG BTEX MIBE IPH-D Other _____

EB I.D. (if applicable): _____ @ _____ Time Duplicate I.D. (if applicable): _____

Analyzed for: IPHG BTEX MIBE IPH-D Other _____

D.O. (if req'd):	Pre-purge:	mg/l	Post-purge:	2.1	mg/l
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:		mV

EQUIVA WELL MONITORING DATA SHEET

BTS #: <u>200720 F1</u>	Site: <u>204-5508-5306</u>
Sampler: <u>MIKE S.</u>	Date: <u>7-20-00</u>
Well I.D.: <u>MW-9</u>	Well Diameter: 2 3 <u>(4)</u> 6 8
Total Well Depth: <u>19.51</u>	Depth to Water: <u>5.70</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>(PVC)</u> Grade	D.O. Meter (if req'd): <u>(YS)</u> HACH

Purge Method:

- | | |
|--|--|
| <input type="checkbox"/> Bailer | <input type="checkbox"/> Waterra |
| <input type="checkbox"/> Disposable Bailer | <input type="checkbox"/> Peristaltic |
| <input type="checkbox"/> Middleburg | <input type="checkbox"/> Extraction Pump |
| <input checked="" type="checkbox"/> Electric Submersible | <input type="checkbox"/> Other _____ |

Sampling Method:

- | |
|--|
| <input checked="" type="checkbox"/> Bailer |
| <input type="checkbox"/> Disposable Bailer |
| <input type="checkbox"/> Extraction Port |
| <input type="checkbox"/> Dedicated Tubing |
| <input type="checkbox"/> Other _____ |

8.9 (Gals.) X 3 = 26.7 Gals.
 1 Case Volume Specified Volumes Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.17
3"	0.37	Other	radius ² * 0.163

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
1245	68.3	6.9	1320	69	9	gray/0002
1247	68.8	7.0	1334	74	18	
1249	68.7	6.9	1337	77	27	↓ ↓

Did well dewater? Yes No Gallons actually evacuated: 27

Sampling Time: 1253 Sampling Date: 7-20-00

Sample I.D.: MW-9 Laboratory: Sequoia Columbia Other _____

Analyzed for: (TPH-G) (BTEX) (MIBE) TPH-D Other: _____

EB I.D. (if applicable): _____ Duplicate I.D. (if applicable): _____

Analyzed for: TPH-G BTEX MIBE TPH-D Other: _____

D.O. (if req'd):	Pre-purge:	mg/l	Post-purge:	<u>2.1</u>	mg/l
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:		mV

Equiva

WELL MONITORING DATA SHEET

Project #: 000720 §1	Station #: 204-SS08-5306
Sampler: Mike S.	Date: 7-20-00
Well I.D.: MW-10	Well Diameter: 2 3 ④ 6 8
Total Well Depth: 18.77	Depth to Water: 7.03
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	D.O. Meter (if req'd): YSI HACH

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.01	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius ² * 0.163

Purge Method: Bailer Disposable Bailer Middleburg Electric Submersible Extraction Pump Other _____

Sampling Method: Bailer Disposable Bailer Extraction Port Other _____

7.6	x	3	=	22.8	Gals
Case Volume (Gals)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
1419	72.0	7.0	991	8	Turbidity 25 clear/clear
1420	72.3	7.0	909	16	37 clear/clear
1421	72.3	6.9	919	23	35 ↓

Did well dewater? Yes No Gallons actually evacuated: 23

Sampling Time: 1425 Sampling Date: 7-20-00

Sample I.D. (Blind): MW-10 Laboratory: ~~Equiva~~ Other: Sequoia

Analyzed for: TPE-G BTEX MTBE TPH-D Other: _____

D.O. (if req'd):	Pre-purge	mg/l	Post-purge	1.0	mg/l
O.R.P. (if req'd):	Pre-purge	mV	Post-purge		mV

EQUIVA WELL MONITORING DATA SHEET

BTS #: <u>000720 fl</u>	Site: <u>209-5509-5306</u>
Sampler: <u>MIKE S</u>	Date: <u>7-20-00</u>
Well I.D.: <u>MW-11</u>	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: <u>18.84</u>	Depth to Water: <u>6.13</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): <u>YSI</u> HACH

Purge Method:

- | | |
|--|--|
| <input type="checkbox"/> Bailer | <input type="checkbox"/> Waterra |
| <input type="checkbox"/> Disposable Bailer | <input type="checkbox"/> Peristaltic |
| <input type="checkbox"/> Middleburg | <input type="checkbox"/> Extraction Pump |
| <input checked="" type="checkbox"/> Electric Submersible | <input type="checkbox"/> Other: _____ |

Sampling Method:

- Bailer
- Disposable Bailer
- Extraction Port
- Dedicated Tubing
- Other: _____

8.2 (Gals.) X 3 = 24.7 Gals.

1 Case Volume Specified Volumes Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius ² * 0.163

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
954	67.4	7.0	1439	30	9	clear
955	67.8	6.9	1425	35	18	↓
956	67.6	6.9	1427	37	25	↓

Did well dewater? Yes No Gallons actually evacuated: 25

Sampling Time: 1000 Sampling Date: 7-20-00

Sample I.D.: MW-11 Laboratory: Sequoia Columbia Other _____

Analyzed for IPH-G BTEX MIBE IPH-D Other _____

EB I.D. (if applicable): _____ Duplicate I.D. (if applicable): _____

Analyzed for: IPH-G BTEX MIBE IPH-D Other _____

D.O. (if req'd):	Pre-purge:	mg/l	Post-purge:	<u>1.7</u> mg/l
	O.R.P. (if req'd):	Pre-purge:	mV	Post-purge: