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APR 23 2002



April 18, 2002

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

**RE: EQUILON ENTERPRISES LLC / Equiva Services LLC dba SHELL OIL PRODUCTS US**

Dear Sir or Madam:

The Shell purchase of Texaco's interest in Equilon Enterprises LLC and Equiva Services LLC has been approved by government authorities and was completed in early February.

Please be advised that effective March 1, 2002, Equilon Enterprises LLC and Equiva Services LLC will begin doing business as (DBA) "Shell Oil Products US." Since Equilon Enterprises LLC will remain the owner and/or the responsible Party of remediation activities at 630 High Street, Oakland, California, no changes are needed or requested for permits.

If you have any questions please contact Ms. Karen Petryna at 559.645.9306.

Yours truly,

A handwritten signature in black ink, appearing to read "K. Petryna".

Karen Petryna  
Sr. Environmental Engineer

April 18, 2002

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

Re: **First Quarter 2002 Monitoring Report**  
Shell-branded Service Station  
630 High Street  
Oakland, California  
Incident #98995751  
Cambria Project #244-0318-002



Dear Mr. Chan:

Effective March 1, 2002, Equiva Services LLC and Equilon Enterprises LLC are now doing business as (dba) Shell Oil Products US (Shell). On behalf of Shell, Cambria Environmental Technology, Inc. (Cambria) is submitting this groundwater monitoring report in accordance with the reporting requirements of 23 CCR 2652d.

#### **FIRST QUARTER 2002 ACTIVITIES**

**Groundwater Monitoring:** Blaine Tech Services, Inc. (Blaine) of San Jose, California gauged all site wells, sampled selected site wells, collected dissolved oxygen (DO) measurements from selected wells, calculated groundwater elevations, and compiled the analytical data. Cambria prepared a vicinity map with previously submitted well survey information (Figure 1) and a groundwater elevation contour map (Figure 2). Blaine's report, presenting the laboratory report and supporting field documents, is included as Attachment A.

#### **ANTICIPATED SECOND QUARTER 2002 ACTIVITIES**

**Groundwater Monitoring:** Blaine will gauge all site wells, sample selected site wells, and tabulate the data. DO measurements will be discontinued. Cambria will prepare a monitoring report.

Oakland, CA  
San Ramon, CA  
Sonoma, CA

**Cambria  
Environmental  
Technology, Inc.**

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

C A M B R I A

Barney Chan  
April 18, 2002

**CLOSING**

We appreciate the opportunity to work with you on this project. Please call Jacquelyn Jones at (510) 420-3316 if you have any questions or comments.

Sincerely,  
**Cambria Environmental Technology, Inc**



Jacquelyn L. Jones  
Project Geologist

Diane M. Lundquist, P.E.  
Principal Engineer

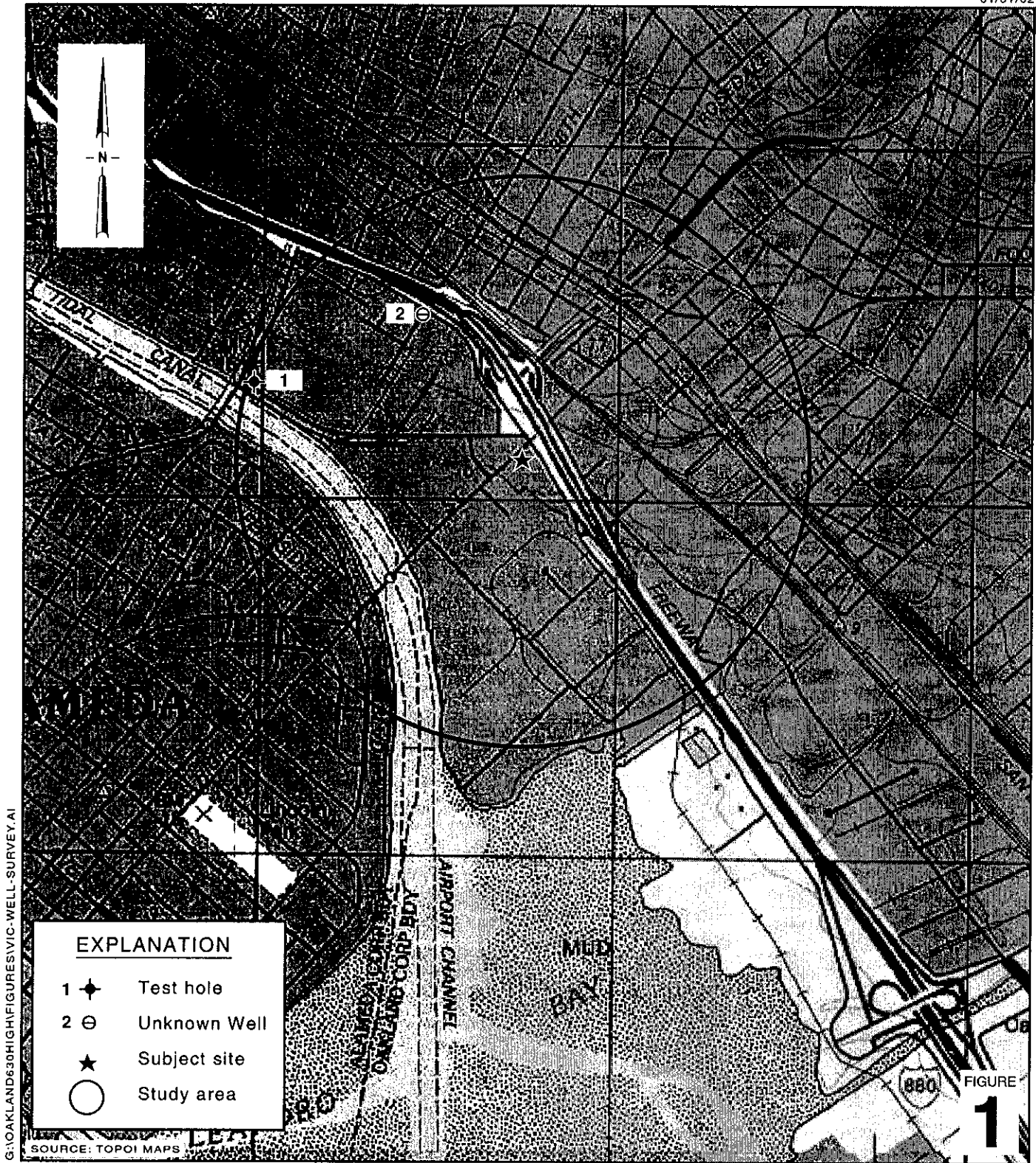


Figures: 1 - Vicinity/Area Well Survey Map  
2 - Groundwater Elevation Contour Map

Attachment: A - Blaine Groundwater Monitoring Report and Field Notes

cc: Karen Petryna, Shell Oil Products US, P.O. Box 7869, Burbank, California 91510-7869

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G:\OAKLAND\630HIGH\FIGURES\VIC-WELL-SURVEY.A1

SOURCE: TOPOI MAPS

### Shell-branded Service Station

630 High Street  
Oakland, California  
Incident #98995751

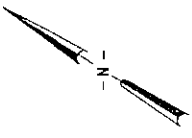


C A M B R I A

### Vicinity / Area Well Survey Map

(1/2-Mile Radius)

RAMP TO HIGHWAY 880



**EXPLANATION**

MW-1 ● Monitoring well location

↑ Groundwater flow direction

—XX.XX Groundwater elevation contour, in feet above mean sea level (msl), approximately located; dashed where inferred

Well designation

Well	ELEV	Benz - date	MTBE - date
MW-1	90.22	67	510
MW-2	91.03	(-0.500) - 8/27/98	34.5 - 8/27/98
MW-3	90.42	370	5,400
MW-4	90.12	(32.8) - 8/27/98	<2.00 - 8/27/98
MW-5	90.13	<0.50	95
MW-6	90.44	<2.0	1,000
MW-7	89.68	0.70	<5.0
MW-8	90.49	(-0.500) - 8/27/98	<2.00 - 8/27/98
MW-9	91.89	(-0.500) - 8/27/98	<2.00 - 8/27/98
MW-10	91.65	(-0.500) - 8/27/98	<2.00 - 8/27/98

Groundwater elevation, in feet above msl  
Benzene and MTBE concentrations are in parts per billion and are analyzed by EPA Method 8260. Results in parentheses were analyzed by EPA Method 8020.

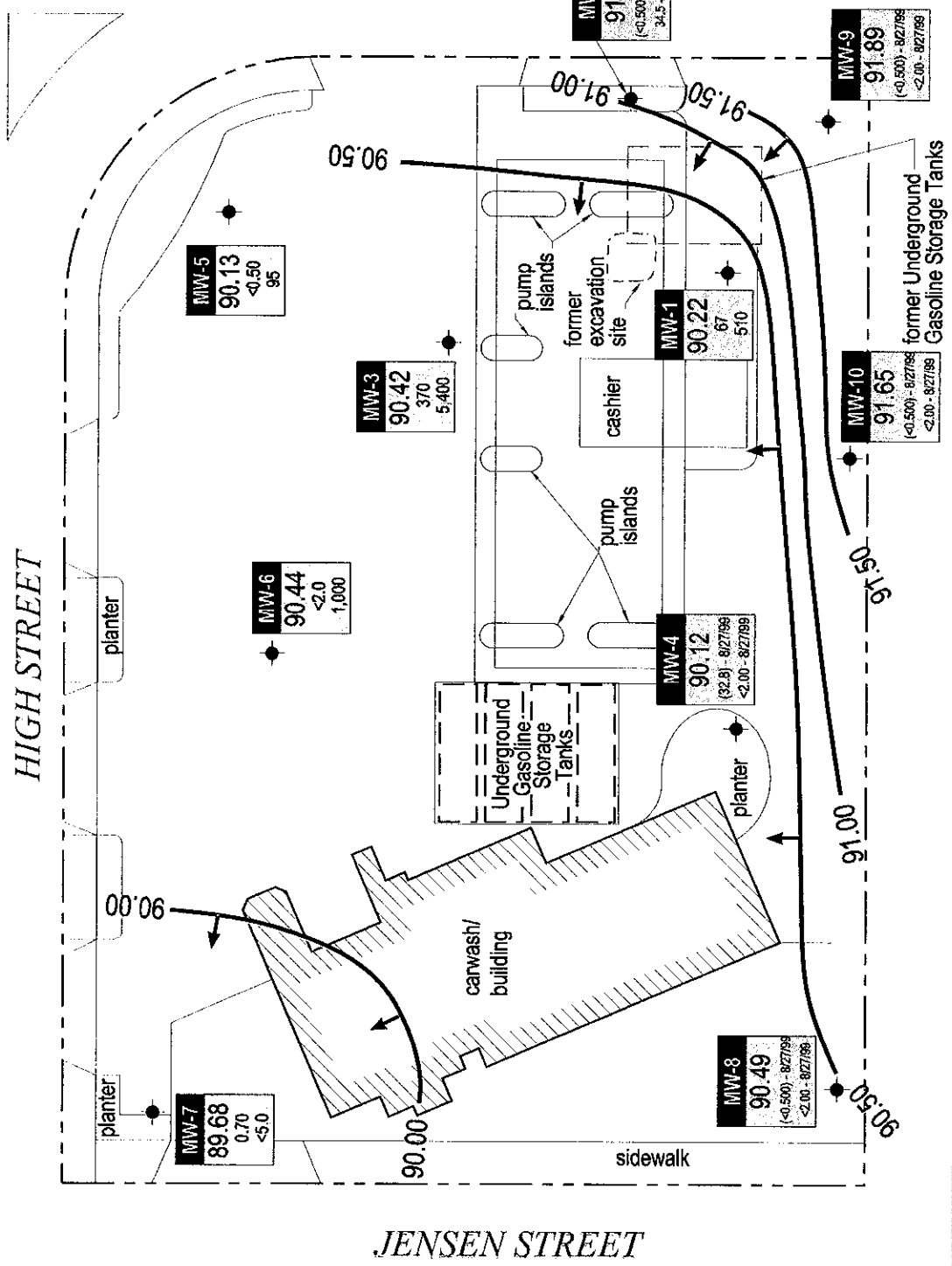


FIGURE  
**2**

**Shell-branded Service Station**  
630 High Street  
Oakland, California  
Incident #98995751



C A M B R I A

**Groundwater Elevation Contour Map**  
January 29, 2002

**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

February 14, 2002

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

First Quarter 2002 Groundwater Monitoring at  
Shell-branded Service Station  
630 High Street  
Oakland, CA

Monitoring performed on January 29, 2002

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**Groundwater Monitoring Report 020129-AM-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 Martinez Refining Company.

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. Our activities at this site consisted of objective data and sample collection only. No interpretation of analytical results, defining of hydrological conditions or formulation of recommendations was performed.

Please call if you have any questions.

Yours truly,

Leon Gearhart  
Project Coordinator

LG/jt

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

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



**WELL CONCENTRATIONS**  
**Shell-Branded Service Station**  
**630 High Street**  
**Oakland, CA**  
**WIC #204-5508-5801**

Well ID	Date	TPPH (ug/L)	TEPH (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.)	GW Elevation (MSL)	DO Reading (ppm)
MW-1	01/29/1991	11,000	21,000a	310	41	500	400	NA	NA	99.35	10.79	88.56	NA
MW-1	04/30/1991	8,300	2,100	250	32	310	300	NA	NA	99.35	9.48	89.87	NA
MW-1	07/22/1991	11,000	3,800	310	36	290	280	NA	NA	99.35	10.53	88.82	NA
MW-1	02/21/1992	7,300	8,900b	200	36	340	270	NA	NA	99.35	8.31	91.04	NA
MW-1	05/22/1992	7,600	18,000b, c	140	<50	300	140	NA	NA	99.35	10.02	89.33	NA
MW-1	07/07/1992	NA	NA	NA	NA	NA	NA	NA	NA	99.35	10.06	89.29	NA
MW-1	08/20/1992	9,100	5,200b	530	340	860	540	NA	NA	99.35	10.32	89.03	NA
MW-1	11/18/1992	15,000	4,100b	220	50	790	340	NA	NA	99.35	10.64	88.71	NA
MW-1	02/09/1993	7,000	1,200	130	23	220	160	NA	NA	99.35	8.71	90.64	NA
MW-1	06/16/1993	4,800	NA	150	31	320	130	NA	NA	99.35	9.71	89.64	1.73/1.58k
MW-1	08/24/1993	10,000	NA	170	27	610	170	NA	NA	99.35	10.23	89.12	1.49/1.70k
MW-1	11/23/1993	7,600	NA	190	<12	430	140	NA	NA	99.35	10.48	88.87	1.77/2.80k
MW-1	02/14/1994	8,000	NA	150	47	210	68	NA	NA	99.35	9.17	90.18	6.2/2.5k
MW-1	05/25/1994	8,800	NA	95	<10	210	63	NA	NA	99.35	9.52	89.83	NA
MW-1	08/04/1994	6,200	NA	150	14	350	180	NA	NA	99.35	10.51	88.84	NA
MW-1	11/08/1994	7,600	NA	190	<10	480	200	NA	NA	99.35	10.20	89.15	NA
MW-1	02/01/1995	8,200	NA	130	21	170	130	NA	NA	99.35	6.94	92.41	NA
MW-1	05/04/1995	7,000	NA	130	47	190	180	NA	NA	99.35	8.40	90.95	NA
MW-1	05/16/1997	5,600	NA	57	<10	26	29	84	NA	99.35	9.93	89.42	1.5
MW-1	11/03/1997	6,900	NA	81	<10	32	30	170	NA	99.35	10.27	89.08	0.8/0.6k
MW-1	06/05/1998	4,200	NA	68	7.6	39	69	84	NA	99.35	8.95	90.40	1.0/0.5k
MW-1	11/06/1998	6,200	NA	87	<2.5	48	55	200	NA	99.35	10.69	88.66	1.2/1.8
MW-1	06/07/1999	5,210	NA	33.6	21.9	7.42	<5.00	153	205	99.35	9.81	89.54	NA
MW-1	06/22/1999	NA	NA	NA	NA	NA	NA	NA	NA	99.35	9.55	89.80	0.8
MW-1	08/27/1999	6,080	NA	46.0	<20.0	<20.0	26.1	303	429	99.35	10.00	89.35	0.7/1.5
MW-1	11/11/1999	7,660	NA	92.0	20.4	28.2	46.1	520	542	99.35	10.27	89.08	1.3/1.8

**WELL CONCENTRATIONS**  
**Shell-Branded Service Station**  
**630 High Street**  
**Oakland, CA**  
**WIC #204-5508-5801**

Well ID	Date	TPPH (ug/L)	TEPH (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.)	GW Elevation (MSL)	DO Reading (ppm)
MW-1	04/26/2000	3,730	NA	69.4	<5.00	9.42	28.6	206	NA	99.35	9.54	89.81	2.30/2.71
MW-1	11/02/2000	4,930	NA	81.3	5.32	18.3	29.8	440	NA	99.35	8.90	90.45	3.0/3.2
MW-1	05/31/2001	6,800	NA	64	7.1	7.2	28	NA	790	99.35	9.25	90.10	2.3/2.6
MW-1	11/19/2001	6,100	NA	41	4.9	10	25	NA	710	99.35	10.09	89.26	1.2/0.8
<b>MW-1</b>	<b>01/29/2002</b>	<b>7,100</b>	<b>NA</b>	<b>67</b>	<b>5.6</b>	<b>7.3</b>	<b>22</b>	<b>NA</b>	<b>510</b>	<b>99.35</b>	<b>9.13</b>	<b>90.22</b>	<b>4.3/6.0</b>
MW-2	01/29/1991	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	101.15	13.25	87.90	NA
MW-2	04/30/1991	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	101.15	10.94	90.21	NA
MW-2	07/22/1991	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	101.15	12.14	89.01	NA
MW-2	02/21/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	101.15	10.08	91.07	NA
MW-2	05/22/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	101.15	11.52	89.63	NA
MW-2	07/07/1992	NA	NA	NA	NA	NA	NA	NA	NA	101.15	11.50	89.65	NA
MW-2	08/20/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	101.15	11.72	89.43	NA
MW-2	11/18/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	101.15	13.06	88.09	NA
MW-2	02/09/1993	95	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	101.15	10.06	91.09	NA
MW-2	06/16/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	101.15	11.60	89.55	NA
MW-2	08/24/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	101.15	12.16	88.99	NA
MW-2	11/23/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	101.15	12.74	88.41	NA
MW-2	02/14/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	101.15	10.91	90.24	NA
MW-2	05/25/1994	100	NA	1.2	4.9	2.3	13	NA	NA	101.15	11.06	90.09	NA
MW-2	08/04/1994	NA	NA	NA	NA	NA	NA	NA	NA	101.15	12.04	89.11	NA
MW-2	11/08/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	101.15	12.38	88.77	NA
MW-2	02/01/1995	NA	NA	NA	NA	NA	NA	NA	NA	101.15	8.76	92.39	NA
MW-2	05/04/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	101.15	10.20	90.95	NA
MW-2	05/16/1997	NA	NA	NA	NA	NA	NA	NA	NA	101.15	11.28	89.87	NA
MW-2	11/03/1997	NA	NA	NA	NA	NA	NA	NA	NA	101.15	11.71	89.44	NA

**WELL CONCENTRATIONS**  
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**Oakland, CA**  
**WIC #204-5508-5801**

Well ID	Date	TPPH (ug/L)	TEPH (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.)	GW Elevation (MSL)	DO Reading (ppm)
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MW-2	06/05/1998	NA	NA	NA	NA	NA	NA	NA	NA	101.15	9.85	91.30	NA
MW-2	11/06/1998	NA	NA	NA	NA	NA	NA	NA	NA	101.15	12.60	88.55	NA
MW-2	06/07/1999	NA	NA	NA	NA	NA	NA	NA	NA	101.15	11.03	90.12	NA
MW-2	08/27/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	19.2	34.5	101.15	10.98	90.17	0.71/4.0
MW-2	11/11/1999	NA	NA	NA	NA	NA	NA	NA	NA	101.15	10.33	90.82	NA
MW-2	04/26/2000	NA	NA	NA	NA	NA	NA	NA	NA	101.15	9.58	91.57	NA
MW-2	11/02/2000	NA	NA	NA	NA	NA	NA	NA	NA	101.15	10.03	91.12	NA
MW-2	05/31/2001	NA	NA	NA	NA	NA	NA	NA	NA	101.15	10.01	91.14	NA
MW-2	11/19/2001	NA	NA	NA	NA	NA	NA	NA	NA	101.15	11.63	89.52	NA
MW-2	01/29/2002	NA	NA	NA	NA	NA	NA	NA	NA	101.15	10.12	91.03	NA

MW-3	01/29/1991	2,300	410a	17	14.1	10	230	NA	NA	99.49	11.09	88.40	NA
MW-3	04/30/1991	<50	260	22	4	7	17	NA	NA	99.49	9.57	89.92	NA
MW-3	07/22/1991	2,000	310	51	<0.5	<0.5	<0.5	NA	NA	99.49	10.66	88.83	NA
MW-3	02/21/1992	2,800	640d	15	2.8	<2.5	12	NA	NA	99.49	8.97	90.52	NA
MW-3	05/22/1992	3,700	220b, c	27	11	20	110	NA	NA	99.49	9.32	90.17	NA
MW-3	07/07/1992	NA	NA	NA	NA	NA	NA	NA	NA	99.49	10.22	89.27	NA
MW-3	08/20/1992	13,000	340b	72	85	71	140	NA	NA	99.49	10.44	89.05	NA
MW-3	11/18/1992	2,100	430b	21	3.6	11	13	NA	NA	99.49	10.79	88.70	NA
MW-3	02/09/1993	3,300	83	21	5.6	6.1	<0.5	NA	NA	99.49	9.35	90.14	NA
MW-3	06/16/1993	3,500e	NA	66	6	<0.5	<0.5	NA	NA	99.49	9.56	89.93	NA
MW-3	08/24/1993	3,400e	NA	110	<5	<5	<5	NA	NA	99.49	10.51	88.98	NA
MW-3	11/23/1993	3,000	NA	36	44	6.9	23	NA	NA	99.49	10.77	88.72	NA
MW-3	02/14/1994	4,700g	NA	9.9	5.2	8.8	<5.0	NA	NA	99.49	9.61	89.88	NA
MW-3	05/25/1994	1,200	NA	<10	<10	<10	<10	NA	NA	99.49	10.00	89.49	NA
MW-3	08/04/1994	2,600	NA	29	<5	14	11	NA	NA	99.49	10.63	88.86	NA

**WELL CONCENTRATIONS**  
**Shell-Branded Service Station**  
**630 High Street**  
**Oakland, CA**  
**WIC #204-5508-5801**

Well ID	Date	TPPH (ug/L)	TEPH (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.)	GW Elevation (MSL)	DO Reading (ppm)
MW-3	11/08/1994	2,600	NA	5.5	1.5	1.9	0.9	NA	NA	99.49	11.02	88.47	NA
MW-3	02/01/1995	4,600	NA	27	1.2	3.2	2.5	NA	NA	99.49	8.31	91.18	NA
MW-3	05/04/1995	1,800	NA	140	11	11	16	NA	NA	99.49	8.70	90.79	NA
MW-3	05/16/1997	NA	NA	NA	NA	NA	NA	NA	NA	99.49	10.30	89.19	NA
MW-3	11/03/1997	NA	NA	NA	NA	NA	NA	NA	NA	99.49	10.52	88.97	NA
MW-3	06/05/1998	NA	NA	NA	NA	NA	NA	NA	NA	99.49	9.18	90.31	NA
MW-3	11/06/1998	NA	NA	NA	NA	NA	NA	NA	NA	99.49	11.00	88.49	NA
MW-3	06/07/1999	NA	NA	NA	NA	NA	NA	NA	NA	99.49	10.93	88.56	NA
MW-3	08/27/1999	8,600	NA	2,410	135	279	1,390	26,400	29,500	99.49	10.23	89.26	0.8/0.7
MW-3	11/11/1999	NA	NA	NA	NA	NA	NA	NA	NA	99.49	10.46	89.03	NA
MW-3	04/26/2000	7,100	NA	1,310	573	89.2	376	35,000	38,000	99.49	9.45	90.04	2.42/2.63
MW-3	11/02/2000	4,750	NA	1,210	29.3	50.5	125	8,750	8,960	99.49	10.05	89.44	2.0/2.5
MW-3	05/31/2001	5,400	NA	860	<20	29	<20	NA	10,000	99.49	10.38	89.11	1.8/2.0
MW-3	11/19/2001	3,200	NA	440	7.8	8.6	23	NA	3,400	99.49	10.29	89.20	3.1/1.5
MW-3	01/29/2002	2,900	NA	370	<20	<20	57	NA	5,400	99.49	9.07	90.42	5.2/3.8
MW-4	01/29/1991	2,600	1,300	83	<0.5	<0.5	110	NA	NA	99.24	10.76	88.48	NA
MW-4	04/30/1991	2,600	750	22	4	7	17	NA	NA	99.24	9.45	89.79	NA
MW-4	07/22/1991	4,300	1,200	120	<0.5	<0.5	10	NA	NA	99.24	10.34	88.90	NA
MW-4	02/21/1992	2,000	8,300b	31	6.3	3.5	6.6	NA	NA	99.24	7.60	91.64	NA
MW-4	05/22/1992	3,600	3,400b, c	55	5	3	10	NA	NA	99.24	9.90	89.34	NA
MW-4	07/07/1992	NA	NA	NA	NA	NA	NA	NA	NA	99.24	10.02	89.22	NA
MW-4	08/20/1992	3,100	3,400	100	45	14	45	NA	NA	99.24	10.32	88.92	NA
MW-4	11/18/1992	2,200	1,400	32	12	4.2	24	NA	NA	99.24	10.51	88.73	NA
MW-4	02/09/1993	1,500	180	1.1	<0.5	<0.5	<0.5	NA	NA	99.24	8.13	91.11	NA
MW-4	06/16/1993	1,100	NA	120	47	5.1	19	NA	NA	99.24	9.60	89.64	1.86/4.82k

**WELL CONCENTRATIONS**  
**Shell-Branded Service Station**  
**630 High Street**  
**Oakland, CA**  
**WIC #204-5508-5801**

Well ID	Date	TPPH (ug/L)	TEPH (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.)	GW Elevation (MSL)	DO Reading (ppm)
MW-4	08/24/1993	2,700	NA	46	11	25	0.97	NA	NA	99.24	10.05	89.19	1.46/1.27k
MW-4	11/23/1993	2,500	NA	23	5.7	3.7	16	NA	NA	99.24	10.25	89.99	5.29/6.59k
MW-4	02/14/1994	1,500	NA	12	7.8	<2.5	<2.5	NA	NA	99.24	8.83	90.41	2.1/1.9k
MW-4	05/25/1994	810	NA	20	<2	<2	4	NA	NA	99.24	9.64	89.60	NA
MW-4	08/04/1994	2,300	NA	99	15	6.3	24	NA	NA	99.24	10.62	88.62	NA
MW-4	11/08/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	99.24	9.28	89.96	NA
MW-4	02/01/1995	960	NA	5.6	2.2	2.6	2.8	NA	NA	99.24	6.52	92.72	NA
MW-4	05/04/1995	960	NA	20	4.7	3.7	5.6	NA	NA	99.24	8.40	90.84	NA
MW-4	05/16/1997	NA	NA	NA	NA	NA	NA	NA	NA	99.24	9.35	89.89	NA
MW-4	11/03/1997	NA	NA	NA	NA	NA	NA	NA	NA	99.24	10.17	89.07	NA
MW-4	06/05/1998	NA	NA	NA	NA	NA	NA	NA	NA	99.24	8.85	90.39	NA
MW-4	11/06/1998	NA	NA	NA	NA	NA	NA	NA	NA	99.24	10.17	89.07	NA
MW-4	06/07/1999	NA	NA	NA	NA	NA	NA	NA	NA	99.24	11.06	88.18	NA
MW-4	08/27/1999	1,520	NA	32.8	6.25	<2.50	5.65	61.5	<2.00	99.24	10.25	88.99	1.0/1.4
MW-4	11/11/1999	NA	NA	NA	NA	NA	NA	NA	NA	99.24	10.11	89.13	NA
MW-4	04/26/2000	NA	NA	NA	NA	NA	NA	NA	NA	99.24	9.18	90.06	NA
MW-4	11/02/2000	NA	NA	NA	NA	NA	NA	NA	NA	99.24	9.72	89.52	NA
MW-4	05/31/2001	NA	NA	NA	NA	NA	NA	NA	NA	99.24	9.29	89.95	NA
MW-4	11/19/2001	NA	NA	NA	NA	NA	NA	NA	NA	99.24	9.98	89.26	NA
MW-4	01/29/2002	NA	NA	NA	NA	NA	NA	NA	NA	99.24	9.12	90.12	NA
MW-5	01/29/1991	3,100	720	86	<0.5	24	28	NA	NA	100.08	11.72	88.36	NA
MW-5	04/30/1991	<50	90	46	<0.5	9	9	NA	NA	100.08	10.45	89.63	NA
MW-5	07/22/1991	1,700	300	23	<0.5	6,700	10,000	NA	NA	100.08	11.43	88.65	NA
MW-5	02/21/1992	240	180h	1	<0.5	<0.5	1	NA	NA	100.08	9.24	90.84	NA
MW-5	05/22/1992	6,200	7,100b, c	6	95	56	99	NA	NA	100.08	10.97	89.11	NA

**WELL CONCENTRATIONS**  
**Shell-Branded Service Station**  
**630 High Street**  
**Oakland, CA**  
**WIC #204-5508-5801**

Well ID	Date	TPPH (ug/L)	TEPH (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.)	GW Elevation (MSL)	DO Reading (ppm)
MW-5	07/07/1992	NA	NA	NA	NA	NA	NA	NA	NA	100.08	10.98	89.10	NA
MW-5	08/20/1992	7,400	120b	56	95	91	150	NA	NA	100.08	11.14	88.94	NA
MW-5	11/18/1992	3,300	320b	27	<12.5	20	470	NA	NA	100.08	11.21	88.87	NA
MW-5	02/09/1993	160	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	100.08	10.01	90.07	NA
MW-5	06/16/1993	140	NA	0.8	<0.5	<0.5	<0.5	NA	NA	100.08	11.05	89.03	1.53/2.72k
MW-5	08/24/1993	1,000	NA	7.9	<1	2.2	<1.5	NA	NA	100.08	11.32	88.76	2.69/1.41k
MW-5	11/23/1993	2,000	NA	67	15	11	33	NA	NA	100.08	11.35	88.73	8.20/3.09k
MW-5	02/14/1994	660	NA	1.3	<0.5	0.5	0.7	NA	NA	100.08	10.34	89.74	2.0/1.9k
MW-5	05/25/1994	670	NA	0.65	<0.5	2.6	<0.5	NA	NA	100.08	10.54	89.54	NA
MW-5	08/04/1994	700	NA	5	<0.5	1.2	<0.5	NA	NA	100.08	11.50	88.58	NA
MW-5	11/08/1994	810	NA	4.2	<0.5	1.5	0.8	NA	NA	100.08	11.24	88.84	NA
MW-5	02/01/1995	110	NA	7	<0.5	<0.5	<0.5	NA	NA	100.08	9.05	91.03	NA
MW-5	05/04/1995	260	NA	3.1	1.3	2	1.5	NA	NA	100.08	10.35	89.73	NA
MW-5	05/16/1997	440	NA	2.4	3.1	1.6	3.3	7.1	NA	100.08	11.21	88.87	2.9
MW-5	11/03/1997	1,400	NA	34	<2.5	2.8	4.4	33	NA	100.08	11.43	88.65	3.0/1.2k
MW-5	06/05/1998	230	NA	3.6	0.5	<0.50	1.3	34	NA	100.08	10.35	89.73	3.2/1.4k
MW-5	11/06/1998	1,800	NA	29	<0.50	3.8	7.1	26	NA	100.08	11.89	88.19	2.6/3.0
MW-5	06/07/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	19.5	NA	100.08	10.28	89.80	NA
MW-5	06/22/1999	NA	NA	NA	NA	NA	NA	NA	NA	100.08	10.74	89.34	0.6
MW-5	08/27/1999	254	NA	5.09	1.08	<0.500	<0.500	9.97	12.0	100.08	11.01	89.07	NA
MW-5	11/11/1999	549	NA	16.4	3.29	2.18	3.16	18.2	NA	100.08	11.33	88.75	2.3/2.7
MW-5	04/26/2000	338	NA	0.787	2.30	<0.500	3.01	21.7	NA	100.08	10.32	89.76	1.99/3.01
MW-5	11/02/2000	507	NA	0.659	2.39	2.70	3.88	20.0	NA	100.08	10.75	89.33	4.0/2.0
MW-5	05/31/2001	67	NA	<0.50	<0.50	<0.50	<0.50	NA	87	100.08	10.53	89.55	3.8/2.1
MW-5	11/19/2001	850	NA	2.8	1.4	2.3	8.5	NA	57	100.08	10.88	89.20	2.6/1.9
MW-5	01/29/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	95	100.08	9.95	90.13	5.5/3.6

**WELL CONCENTRATIONS**  
**Shell-Branded Service Station**  
**630 High Street**  
**Oakland, CA**  
**WIC #204-5508-5801**

Well ID	Date	TPPH (ug/L)	TEPH (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.)	GW Elevation (MSL)	DO Reading (ppm)
MW-6	01/29/1991	<50	860	<0.5	<0.5	<0.5	<0.5	NA	NA	98.56	10.23	88.33	NA
MW-6	04/30/1991	<50	1,100	<0.5	<0.5	<0.5	<0.5	NA	NA	98.56	9.15	89.41	NA
MW-6	07/22/1991	<50	1,200	<0.5	<0.5	<0.5	<0.5	NA	NA	98.56	10.10	88.46	NA
MW-6	02/21/1992	<50	60d	<0.5	<0.5	<0.5	<0.5	NA	NA	98.56	7.15	91.41	NA
MW-6	05/22/1992	<50	650c	<0.5	<0.5	<0.5	<0.5	NA	NA	98.56	9.55	89.01	NA
MW-6	07/07/1992	NA	NA	NA	NA	NA	NA	NA	NA	98.56	9.53	89.03	NA
MW-6	08/20/1992	140e	510c	<0.5	<0.5	<0.5	<0.5	NA	NA	98.56	9.84	88.72	NA
MW-6	11/18/1992	200e	350	<0.5	<0.5	<0.5	<0.5	NA	NA	98.56	10.03	88.53	NA
MW-6	02/09/1993	14,000e	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	98.56	7.91	90.65	NA
MW-6	06/16/1993	5,700e	NA	<0.5	22	<0.5	34	NA	NA	98.56	8.74	89.82	8.46/9.73k
MW-6	08/24/1993	4,300e	NA	<12.5	<12.5	<12.5	<12.5	NA	NA	98.56	9.66	88.90	2.15/1.52k
MW-6	11/23/1993	3,300e	NA	<12	<12	<12	<12	NA	NA	98.56	9.86	88.70	3.86/6.75k
MW-6	02/14/1994	14,000e	NA	<12.5	<12.5	<12.5	<12.5	NA	NA	98.56	8.27	90.29	2.3/5.2k
MW-6	05/25/1994	<1,000i	NA	<10	<10	<10	<10	NA	NA	98.56	8.89	89.67	NA
MW-6	08/04/1994	250j	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	98.56	10.10	88.46	NA
MW-6	11/08/1994	4,600e	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	98.56	8.98	89.58	NA
MW-6	02/01/1995	710	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	98.56	7.07	91.49	NA
MW-6	05/04/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	98.56	8.56	90.00	NA
MW-6	05/16/1997	<500	NA	<5.0	<5.0	<5.0	<5.0	1,700	NA	98.56	9.57	88.99	6.2
MW-6	11/03/1997	<500	NA	<5.0	<5.0	<5.0	<5.0	990	NA	98.56	9.76	88.80	1.4/1.0k
MW-6	06/05/1998	<50	NA	<0.50	<0.50	<0.50	<0.50	590	NA	98.56	8.50	90.06	1.5/1.1k
MW-6	11/06/1998	<250	NA	<2.5	<2.5	<2.5	<2.5	810	NA	98.56	10.00	88.56	2.0/1.4
MW-6	06/07/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	71.5	NA	98.56	9.35	89.21	NA
MW-6	06/22/1999	NA	NA	NA	NA	NA	NA	NA	NA	98.56	9.20	89.36	1.9
MW-6	08/27/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	197	276	98.56	9.52	89.04	1.5/7.8

**WELL CONCENTRATIONS**  
**Shell-Branded Service Station**  
**630 High Street**  
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Well ID	Date	TPPH (ug/L)	TEPH (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.)	GW Elevation (MSL)	DO Reading (ppm)
MW-6	11/11/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	212	NA	98.56	9.87	88.69	1.4/1.7
MW-6	04/26/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	236	NA	98.56	9.13	89.43	1.93/2.90
MW-6	11/02/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	497	NA	98.56	9.13	89.43	2.5/3.5
MW-6	05/31/2001	<2,000	NA	<20	<20	<20	<20	NA	5,400	98.56	9.22	89.34	1.8/2.1
MW-6	11/19/2001	<500	NA	5.0	<5.0	<5.0	18	NA	2,600	98.56	9.48	89.08	2.5/1.9
<b>MW-6</b>	<b>01/29/2002</b>	<b>&lt;200</b>	<b>NA</b>	<b>&lt;2.0</b>	<b>&lt;2.0</b>	<b>&lt;2.0</b>	<b>&lt;2.0</b>	<b>NA</b>	<b>1,000</b>	<b>98.56</b>	<b>8.12</b>	<b>90.44</b>	<b>5.6/4.3</b>
MW-7	01/29/1991	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	97.53	8.91	88.62	NA
MW-7	04/30/1991	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	97.53	8.38	89.15	NA
MW-7	07/22/1991	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	97.53	9.13	88.40	NA
MW-7	02/21/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	97.53	6.87	90.66	NA
MW-7	05/22/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	97.53	8.08	89.45	NA
MW-7	07/07/1992	NA	NA	NA	NA	NA	NA	NA	NA	97.53	8.82	88.71	NA
MW-7	08/20/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	97.53	8.89	88.64	NA
MW-7	11/18/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	97.53	9.54	87.99	NA
MW-7	02/09/1993	72	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	97.53	7.84	89.69	NA
MW-7	06/16/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	97.53	7.80	89.73	NA
MW-7	08/24/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	97.53	8.51	89.02	NA
MW-7	11/23/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	97.53	8.70	88.83	NA
MW-7	02/14/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	97.53	7.52	90.01	NA
MW-7	05/25/1994	<50	NA	<0.5	0.63	<0.5	0.93	NA	NA	97.53	9.04	88.49	NA
MW-7	08/04/1994	NA	NA	NA	NA	NA	NA	NA	NA	97.53	9.80	87.83	NA
MW-7	11/08/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	97.53	8.45	89.08	NA
MW-7	02/01/1995	NA	NA	NA	NA	NA	NA	NA	NA	97.53	5.51	92.02	NA
MW-7	05/04/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	97.53	8.34	89.19	NA
MW-7	05/16/1997	<50	NA	<0.50	<0.50	<0.50	<0.50	2.7	NA	97.53	8.80	88.73	2.8



**WELL CONCENTRATIONS**  
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Well ID	Date	TPPH (ug/L)	TEPH (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.)	GW Elevation (MSL)	DO Reading (ppm)
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MW-7	11/03/1997	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	97.53	8.95	88.58	1.6/1.2k
MW-7	06/05/1998	<50	NA	<0.50	<0.50	<0.50	<0.50	4.3	NA	97.53	7.75	89.78	1.5/1.1k
MW-7	11/06/1998	<50	NA	<0.50	<0.50	<0.50	<0.50	4.5	NA	97.53	9.20	88.33	4.1/2.2
MW-7	06/07/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	97.53	8.39	89.14	NA
MW-7	06/22/1999	NA	NA	NA	NA	NA	NA	NA	NA	97.53	8.43	89.10	0.4
MW-7	06/22/1999	NA	NA	NA	NA	NA	NA	NA	NA	97.53	8.43	89.10	0.4
MW-7	08/27/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<5.00	4.33	97.53	8.82	88.71	1.3/1.9
MW-7	11/11/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	4.30	NA	97.53	8.64	88.89	1.1/1.0
MW-7	04/26/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	6.59	NA	97.53	8.31	89.22	1.09/2.41
MW-7	11/02/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	7.38	NA	97.53	7.80	89.73	4.0/4.0
MW-7	05/31/2001	<50	NA	<0.50	1.4	<0.50	4.6	NA	5.3	97.53	7.61	89.92	3.2/3.3
MW-7	11/19/2001	<50	NA	0.64	0.86	1.6	6.1	NA	7.3	97.53	9.11	88.42	2.6/2.1
MW-7	01/29/2002	<50	NA	0.70	<0.50	<0.50	<0.50	NA	<5.0	97.53	7.85	89.68	2.1/2.3

MW-8	01/29/1991	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	97.13	8.47	88.66	NA
MW-8	04/30/1991	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	97.13	7.64	89.49	NA
MW-8	07/22/1991	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	97.13	8.36	88.77	NA
MW-8	02/21/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	97.13	6.54	90.59	NA
MW-8	05/22/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	97.13	7.68	89.45	NA
MW-8	07/07/1992	NA	NA	NA	NA	NA	NA	NA	NA	97.13	8.16	88.97	NA
MW-8	08/20/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	97.13	8.25	88.88	NA
MW-8	11/18/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	97.13	8.32	88.81	NA
MW-8	02/09/1993	63	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	97.13	5.58	91.55	NA
MW-8	06/16/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	97.13	7.19	89.94	NA
MW-8	08/24/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	97.13	7.98	89.15	NA
MW-8	11/23/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	97.13	8.09	89.04	NA

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MW-8	02/14/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	97.13	9.42	87.71	NA
MW-8	05/25/1994	<50	NA	<0.5	1.1	<0.5	2.5	NA	NA	97.13	7.18	89.95	NA
MW-8	08/04/1994	NA	NA	NA	NA	NA	NA	NA	NA	97.13	8.51	88.62	NA
MW-8	11/08/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	97.13	6.24	90.89	NA
MW-8	02/01/1995	NA	NA	NA	NA	NA	NA	NA	NA	97.13	3.94	93.19	NA
MW-8	05/04/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	97.13	5.04	92.09	NA
MW-8	05/16/1997	NA	NA	NA	NA	NA	NA	NA	NA	97.13	7.65	89.48	NA
MW-8	11/03/1997	NA	NA	NA	NA	NA	NA	NA	NA	97.13	7.03	90.10	NA
MW-8	06/05/1998	NA	NA	NA	NA	NA	NA	NA	NA	97.13	6.47	90.66	NA
MW-8	11/06/1998	NA	NA	NA	NA	NA	NA	NA	NA	97.13	8.27	88.86	NA
MW-8	06/07/1999	NA	NA	NA	NA	NA	NA	NA	NA	97.13	8.69	88.44	NA
MW-8	08/27/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<5.00	<2.00	97.13	7.82	89.31	1.5/2.0
MW-8	11/11/1999	NA	NA	NA	NA	NA	NA	NA	NA	97.13	7.91	89.22	NA
MW-8	04/26/2000	NA	NA	NA	NA	NA	NA	NA	NA	97.13	7.10	90.03	NA
MW-8	11/02/2000	NA	NA	NA	NA	NA	NA	NA	NA	97.13	7.95	89.18	NA
MW-8	05/31/2001	NA	NA	NA	NA	NA	NA	NA	NA	97.13	7.22	89.91	NA
MW-8	11/19/2001	NA	NA	NA	NA	NA	NA	NA	NA	97.13	7.70	89.43	NA
MW-8	01/29/2002	NA	NA	NA	NA	NA	NA	NA	NA	97.13	6.64	90.49	NA
MW-9	01/29/1991	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	99.72	8.27	91.45	NA
MW-9	04/30/1991	<50	<50	0.6	<0.5	<0.5	1.1	NA	NA	99.72	7.62	92.10	NA
MW-9	07/22/1991	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	99.72	8.48	91.24	NA
MW-9	02/21/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	99.72	6.91	92.81	NA
MW-9	05/22/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	99.72	8.64	91.08	NA
MW-9	07/07/1992	NA	NA	NA	NA	NA	NA	NA	NA	99.72	7.55	92.17	NA
MW-9	08/20/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	99.72	7.38	92.34	NA

**WELL CONCENTRATIONS**  
**Shell-Branded Service Station**  
**630 High Street**  
**Oakland, CA**  
**WIC #204-5508-5801**

Well ID	Date	TPPH (ug/L)	TEPH (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.)	GW Elevation (MSL)	DO Reading (ppm)
MW-9	11/18/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	99.72	10.17	89.55	NA
MW-9	02/09/1993	290	110	6	<0.5	<0.5	<0.5	NA	NA	99.72	6.89	92.83	NA
MW-9	06/16/1993	90e	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	99.72	8.74	90.98	1.51/2.17k
MW-9	08/24/1993	50e	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	99.72	8.32	91.40	2.86/2.74k
MW-9	11/23/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	99.72	8.17	91.55	3.41/3.78k
MW-9	02/14/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	99.72	7.67	92.05	4.6/5.2k
MW-9	05/25/1994	56	NA	1.3	4	1.4	8.3	NA	NA	99.72	7.89	91.83	NA
MW-9	08/04/1994	NA	NA	NA	NA	NA	NA	NA	NA	99.72	9.76	89.96	NA
MW-9	11/08/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	99.72	7.75	91.97	NA
MW-9	02/01/1995	NA	NA	NA	NA	NA	NA	NA	NA	99.72	5.66	94.06	NA
MW-9	05/04/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	99.72	7.40	92.32	NA
MW-9	05/16/1997	NA	NA	NA	NA	NA	NA	NA	NA	99.72	7.72	92.00	NA
MW-9	11/03/1997	NA	NA	NA	NA	NA	NA	NA	NA	99.72	6.93	92.79	NA
MW-9	06/05/1998	NA	NA	NA	NA	NA	NA	NA	NA	99.72	7.23	92.49	NA
MW-9	11/06/1998	NA	NA	NA	NA	NA	NA	NA	NA	99.72	9.91	89.81	NA
MW-9	06/07/1999	NA	NA	NA	NA	NA	NA	NA	NA	99.72	9.03	90.69	NA
MW-9	08/27/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<5.00	<2.00	99.72	7.45	92.27	3.5/4.3
MW-9	11/11/1999	NA	NA	NA	NA	NA	NA	NA	NA	99.72	7.40	92.32	NA
MW-9	04/26/2000	NA	NA	NA	NA	NA	NA	NA	NA	99.72	7.66	92.06	NA
MW-9	11/02/2000	NA	NA	NA	NA	NA	NA	NA	NA	99.72	8.41	91.31	NA
MW-9	05/31/2001	NA	NA	NA	NA	NA	NA	NA	NA	99.72	8.02	91.70	NA
MW-9	11/19/2001	NA	NA	NA	NA	NA	NA	NA	NA	99.72	8.40	91.32	NA
MW-9	01/29/2002	NA	NA	NA	NA	NA	NA	NA	NA	99.72	7.83	91.89	NA
MW-10	01/29/1991	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	98.99	10.81	88.18	NA
MW-10	04/30/1991	<50	460	<0.5	<0.5	<0.5	<0.5	NA	NA	98.99	8.79	90.20	NA

**WELL CONCENTRATIONS**  
**Shell-Branded Service Station**  
**630 High Street**  
**Oakland, CA**  
**WIC #204-5508-5801**

Well ID	Date	TPPH (ug/L)	TEPH (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.)	GW Elevation (MSL)	DO Reading (ppm)
MW-10	07/22/1991	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	98.99	9.94	89.05	NA
MW-10	02/21/1992	<50	120	<0.5	<0.5	<0.5	<0.5	NA	NA	98.99	9.11	89.88	NA
MW-10	05/22/1992	<50	310	<0.5	<0.5	<0.5	<0.5	NA	NA	98.99	9.14	89.85	NA
MW-10	07/07/1992	NA	NA	NA	NA	NA	NA	NA	NA	98.99	9.87	89.12	NA
MW-10	08/20/1992	<50	460	<0.5	<0.5	<0.5	<0.5	NA	NA	98.99	9.30	89.69	NA
MW-10	11/18/1992	<50	470	<0.5	<0.5	<0.5	<0.5	NA	NA	98.99	10.21	88.78	NA
MW-10	02/09/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	98.99	7.63	91.36	NA
MW-10	06/16/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	98.99	8.57	90.42	NA
MW-10	08/24/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	98.99	9.61	89.38	NA
MW-10	11/23/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	98.99	10.10	88.89	NA
MW-10	02/14/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	98.99	9.01	89.98	NA
MW-10	05/25/1994	<50	NA	<0.5	1.1	<0.5	1.4	NA	NA	98.99	8.84	90.15	NA
MW-10	08/04/1994	NA	NA	NA	NA	NA	NA	NA	NA	98.99	9.82	89.17	NA
MW-10	11/08/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	98.99	9.40	89.59	NA
MW-10	02/01/1995	NA	NA	NA	NA	NA	NA	NA	NA	98.99	6.78	92.21	NA
MW-10	05/04/1995	NA	NA	NA	NA	NA	NA	NA	NA	98.99	7.00	91.99	NA
MW-10	05/16/1997	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	98.99	8.66	90.33	NA
MW-10	11/03/1997	NA	NA	NA	NA	NA	NA	NA	NA	98.99	9.37	89.62	NA
MW-10	06/05/1998	NA	NA	NA	NA	NA	NA	NA	NA	98.99	7.27	91.72	NA
MW-10	11/06/1998	NA	NA	NA	NA	NA	NA	NA	NA	98.99	9.48	89.51	NA
MW-10	06/07/1999	NA	NA	NA	NA	NA	NA	NA	NA	98.99	8.72	90.27	NA
MW-10	08/27/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<5.00	<2.00	98.99	8.62	90.37	1.6/1.6
MW-10	11/11/1999	NA	NA	NA	NA	NA	NA	NA	NA	98.99	8.55	90.44	NA
MW-10	04/26/2000	NA	NA	NA	NA	NA	NA	NA	NA	98.99	7.39	91.60	NA
MW-10	11/02/2000	NA	NA	NA	NA	NA	NA	NA	NA	98.99	8.26	90.73	NA
MW-10	05/31/2001	NA	NA	NA	NA	NA	NA	NA	NA	98.99	7.98	91.01	NA

**WELL CONCENTRATIONS**  
**Shell-Branded Service Station**  
**630 High Street**  
**Oakland, CA**  
**WIC #204-5508-5801**

Well ID	Date	TPPH (ug/L)	TEPH (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.)	GW Elevation (MSL)	DO Reading (ppm)
MW-10	11/19/2001	NA	NA	NA	NA	NA	NA	NA	NA	98.99	9.34	89.65	NA
MW-10	01/29/2002	NA	NA	NA	NA	NA	NA	NA	NA	98.99	7.34	91.65	NA

Abbreviations:

TPPH = Total petroleum hydrocarbons as gasoline by modified EPA Method 8260B; prior to May 31, 2001, analyzed by EPA Method 8015.

TEPH = Total petroleum hydrocarbons as diesel by modified EPA Method 8015.

BTEX = Benzene, toluene, ethylbenzene, xylenes by EPA Method 8260B; prior to May 31, 2001, analyzed by EPA Method 8020.

MTBE = Methyl-tertiary-butyl ether

TOC = Top of Casing Elevation

GW = Groundwater

DO = Dissolved Oxygen

ug/L = Parts per billion

msl = Mean sea level

ft = Feet

<n = Below detection limit

D = Duplicate sample

NA = Not Applicable

n/n = 1st case volume/3rd case volume D.O.'s

ppm = parts per million

**WELL CONCENTRATIONS**  
**Shell-Branded Service Station**  
**630 High Street**  
**Oakland, CA**  
**WIC #204-5508-5801**

Well ID	Date	TPPH (ug/L)	TEPH (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.)	GW Elevation (MSL)	DO Reading (ppm)
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Notes:

- a =Compounds detected and calculated as TEPH do not match the diesel standard; pattern is characteristic of weathered diesel.
- b =Concentration reported as TEPH is primarily due to the presence of a lighter petroleum product, possibly gasoline or kerosene.
- c =Concentration reported as TEPH is primarily due to a heavier petroleum product, possibly motor oil or aged diesel fuel.
- d =Compounds detected within the TEPH range are not characteristic of the standard diesel chromatographic pattern.
- e =Concentration reported as TPPH is primarily due to the presence of a discrete hydrocarbon peak not indicative of gasoline.
- f =26 ug/L benzene detected using EPA Method 8240.
- g =The concentration reported as TPPH is due to the presence of a combination of gasoline and a discrete peak not indicative of gasoline.
- h =Compounds detected and calculated as TPPH appear to be the less volatile constituents of gasoline.
- i =Sample diluted due to high-non hydrocarbon peak.
- j =The positive result has an atypical pattern for gasoline analysis.
- k =Field measurement of DO concentrations before and after well purging.
- l = This sample was analyzed outside of EPA recommended holding time.



Report Number : 24542

Date : 2/4/2002

Leon Gearhart  
Blaine Tech Services  
1680 Rogers Avenue  
San Jose, CA 95112-1105

Subject : 5 Water Samples  
Project Name : 630 High Street, Oakland  
Project Number : 020129-AM-1  
P.O. Number : 98995751

Dear Mr. Gearhart,

Chemical analysis of the samples referenced above has been completed. Summaries of the data are contained on the following pages. Sample(s) were received under documented chain-of-custody. US EPA protocols for sample storage and preservation were followed.

Kiff Analytical is certified by the State of California (# 2236). If you have any questions regarding procedures or results, please call me at 530-297-4800.

Sincerely,

A handwritten signature in black ink that reads "Joel Kiff". The signature is written in a cursive style with a large initial "J".

Joel Kiff



Report Number : 24542

Date : 2/4/2002

Project Name : 630 High Street, Oakland

Project Number : 020129-AM-1

Sample : MW-1

Matrix : Water

Lab Number : 24542-01

Sample Date :1/29/2002

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
<b>Benzene</b>	<b>67</b>	2.0	ug/L	EPA 8260B	2/3/2002
<b>Toluene</b>	<b>5.6</b>	2.0	ug/L	EPA 8260B	2/3/2002
<b>Ethylbenzene</b>	<b>7.3</b>	2.0	ug/L	EPA 8260B	2/3/2002
<b>Total Xylenes</b>	<b>22</b>	2.0	ug/L	EPA 8260B	2/3/2002
<b>Methyl-t-butyl ether (MTBE)</b>	<b>510</b>	20	ug/L	EPA 8260B	2/3/2002
<b>TPH as Gasoline</b>	<b>7100</b>	200	ug/L	EPA 8260B	2/3/2002
Toluene - d8 (Surr)	94.6		% Recovery	EPA 8260B	2/3/2002
4-Bromofluorobenzene (Surr)	99.4		% Recovery	EPA 8260B	2/3/2002

Sample : MW-3

Matrix : Water

Lab Number : 24542-02

Sample Date :1/29/2002

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
<b>Benzene</b>	<b>370</b>	20	ug/L	EPA 8260B	2/2/2002
<b>Toluene</b>	<b>&lt; 20</b>	20	ug/L	EPA 8260B	2/2/2002
<b>Ethylbenzene</b>	<b>&lt; 20</b>	20	ug/L	EPA 8260B	2/2/2002
<b>Total Xylenes</b>	<b>57</b>	20	ug/L	EPA 8260B	2/2/2002
<b>Methyl-t-butyl ether (MTBE)</b>	<b>5400</b>	200	ug/L	EPA 8260B	2/2/2002
<b>TPH as Gasoline</b>	<b>2900</b>	2000	ug/L	EPA 8260B	2/2/2002
Toluene - d8 (Surr)	99.9		% Recovery	EPA 8260B	2/2/2002
4-Bromofluorobenzene (Surr)	99.4		% Recovery	EPA 8260B	2/2/2002

Approved By:  Joel Kiff





Report Number : 24542

Date : 2/4/2002

Project Name : 630 High Street, Oakland

Project Number : 020129-AM-1

Sample : MW-5

Matrix : Water

Lab Number : 24542-03

Sample Date :1/29/2002

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	2/1/2002
Toluene	< 0.50	0.50	ug/L	EPA 8260B	2/1/2002
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	2/1/2002
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	2/1/2002
Methyl-t-butyl ether (MTBE)	95	5.0	ug/L	EPA 8260B	2/1/2002
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	2/1/2002
Toluene - d8 (Surr)	100		% Recovery	EPA 8260B	2/1/2002
4-Bromofluorobenzene (Surr)	96.9		% Recovery	EPA 8260B	2/1/2002

Sample : MW-6

Matrix : Water

Lab Number : 24542-04

Sample Date :1/29/2002

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 2.0	2.0	ug/L	EPA 8260B	2/2/2002
Toluene	< 2.0	2.0	ug/L	EPA 8260B	2/2/2002
Ethylbenzene	< 2.0	2.0	ug/L	EPA 8260B	2/2/2002
Total Xylenes	< 2.0	2.0	ug/L	EPA 8260B	2/2/2002
Methyl-t-butyl ether (MTBE)	1000	20	ug/L	EPA 8260B	2/2/2002
TPH as Gasoline	< 200	200	ug/L	EPA 8260B	2/2/2002
Toluene - d8 (Surr)	99.3		% Recovery	EPA 8260B	2/2/2002
4-Bromofluorobenzene (Surr)	98.3		% Recovery	EPA 8260B	2/2/2002

Approved By:  Joel Kiff



Report Number : 24542

Date : 2/4/2002

Project Name : 630 High Street, Oakland

Project Number : 020129-AM-1


Sample : MW-7

Matrix : Water

Lab Number : 24542-05

Sample Date : 1/29/2002

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	0.70	0.50	ug/L	EPA 8260B	2/1/2002
Toluene	< 0.50	0.50	ug/L	EPA 8260B	2/1/2002
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	2/1/2002
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	2/1/2002
Methyl-t-butyl ether (MTBE)	< 5.0	5.0	ug/L	EPA 8260B	2/1/2002
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	2/1/2002
Toluene - d8 (Surr)	98.5		% Recovery	EPA 8260B	2/1/2002
4-Bromofluorobenzene (Surr)	95.4		% Recovery	EPA 8260B	2/1/2002

Approved By:  Joel Kiff

720 Olive Drive, Suite D Davis, CA 95616 530-297-4800

Report Number : 24542

Date : 2/4/2002

**QC Report : Method Blank Data**

**Project Name : 630 High Street, Oakland**

**Project Number : 020129-AM-1**

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	2/2/2002
Toluene	< 0.50	0.50	ug/L	EPA 8260B	2/2/2002
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	2/2/2002
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	2/2/2002
Methyl-t-butyl ether (MTBE)	< 5.0	5.0	ug/L	EPA 8260B	2/2/2002
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	2/2/2002
Toluene - d8 (Surr)	99.5		%	EPA 8260B	2/2/2002
4-Bromofluorobenzene (Surr)	95.5		%	EPA 8260B	2/2/2002
Benzene	< 0.50	0.50	ug/L	EPA 8260B	1/31/2002
Toluene	< 0.50	0.50	ug/L	EPA 8260B	1/31/2002
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	1/31/2002
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	1/31/2002
Methyl-t-butyl ether (MTBE)	< 5.0	5.0	ug/L	EPA 8260B	1/31/2002
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	1/31/2002
Toluene - d8 (Surr)	99.7		%	EPA 8260B	1/31/2002
4-Bromofluorobenzene (Surr)	95.4		%	EPA 8260B	1/31/2002

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
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Approved By: Joel Kiff

QC Report : Matrix Spike/ Matrix Spike Duplicate

Report Number : 24542

Date : 2/4/2002

Project Name : 630 High Street, Oakland

Project Number : 020129-AM-1

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
Benzene	24551-01	<0.50	19.8	19.8	17.5	16.6	ug/L	EPA 8260B	2/2/2002	88.2	83.7	5.26	70-130	25
Toluene	24551-01	<0.50	19.8	19.8	17.7	16.5	ug/L	EPA 8260B	2/2/2002	89.4	83.2	7.16	70-130	25
Tert-Butanol	24551-01	<5.0	99.2	99.1	86.2	90.8	ug/L	EPA 8260B	2/2/2002	86.9	91.6	5.24	70-130	25
Methyl-t-Butyl Ether	24551-01	<0.50	19.8	19.8	19.6	18.7	ug/L	EPA 8260B	2/2/2002	98.9	94.4	4.68	70-130	25
Benzene	24544-03	<0.50	40.0	40.0	39.7	39.5	ug/L	EPA 8260B	2/1/2002	99.4	98.8	0.530	70-130	25
Toluene	24544-03	<0.50	40.0	40.0	38.6	38.6	ug/L	EPA 8260B	2/1/2002	96.5	96.6	0.0259	70-130	25
Tert-Butanol	24544-03	<5.0	200	200	201	203	ug/L	EPA 8260B	2/1/2002	101	102	0.968	70-130	25
Methyl-t-Butyl Ether	24544-03	<0.50	40.0	40.0	35.1	36.0	ug/L	EPA 8260B	2/1/2002	87.8	90.1	2.53	70-130	25

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Approved By: Joel Kiff



Report Number : 24542

Date : 2/4/2002

QC Report : Laboratory Control Sample (LCS)

Project Name : 630 High Street, Oakland

Project Number : 020129-AM-1

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
Benzene	19.6	ug/L	EPA 8260B	2/2/2002	88.4	70-130
Toluene	19.6	ug/L	EPA 8260B	2/2/2002	86.8	70-130
Tert-Butanol	98.2	ug/L	EPA 8260B	2/2/2002	86.8	70-130
Methyl-t-Butyl Ether	19.6	ug/L	EPA 8260B	2/2/2002	88.6	70-130
Benzene	40.0	ug/L	EPA 8260B	1/31/2002	98.9	70-130
Toluene	40.0	ug/L	EPA 8260B	1/31/2002	97.2	70-130
Tert-Butanol	200	ug/L	EPA 8260B	1/31/2002	97.7	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	1/31/2002	87.6	70-130

KIFF ANALYTICAL, LLC

720 Olive Drive, Suite D Davis, CA 95616 530-297-4800

Approved By:  \_\_\_\_\_  
Joel Kiff

LAB: Kiff

# EQUIVA Services LLC Chain Of Custody Record

Lab Identification (if necessary):

Address:

City, State, Zip:

Equiva Project Manager to be invoiced:

- SCIENCE & ENGINEERING
- TECHNICAL SERVICES
- CRMT HOUSTON

Karen Petryna

24542

INCIDENT NUMBER (S&E ONLY)

9 8 9 9 5 7 5 1

SAP or CRMT NUMBER (TS/CRMT)

DATE: 1-29-02

PAGE: 1 of 1

SAMPLING COMPANY: <b>Blaine Tech Services</b>		LOG CODE: <b>BTSS</b>	SITE ADDRESS (Street and City): <b>630 High Street, Oakland</b>		GLOBAL ID NO.: <b>T0600101273</b>
ADDRESS: <b>1680 Rogers Avenue, San Jose, CA 95112</b>		EDF DELIVERABLE TO (Responsible Party or Designee): <b>Anni Kremi</b>		PHONE NO.: <b>510-420-3335</b>	E-MAIL: <b>ShelliOaklandEDF@cambria-env.com</b>
PROJECT CONTACT (Hardcopy or PDF Report to): <b>Leon Gearhart</b>		SAMPLER NAME(S) (Print): <b>Albert Marnon</b>		CONSULTANT PROJECT NO.: <b>BTS# 020129-A-1</b>	
TELEPHONE: <b>408-573-0555</b>	FAX: <b>408-573-7771</b>	E-MAIL: <b>lgearhart@blainetech.com</b>		LAB USE ONLY	
TURNAROUND TIME (BUSINESS DAYS): <input checked="" type="checkbox"/> 10 DAYS <input type="checkbox"/> 5 DAYS <input type="checkbox"/> 72 HOURS <input type="checkbox"/> 48 HOURS <input type="checkbox"/> 24 HOURS <input type="checkbox"/> LESS THAN 24 HOURS					

LA - RWQCB REPORT FORMAT   UST AGENCY: \_\_\_\_\_

GC/MS MTBE CONFIRMATION: HIGHEST \_\_\_\_\_ HIGHEST per BORING \_\_\_\_\_ ALL \_\_\_\_\_

SPECIAL INSTRUCTIONS OR NOTES: \_\_\_\_\_ CHECK BOX IF EDD IS NEEDED

**REQUESTED ANALYSIS**

LAB USE ONLY	Field Sample Identification		SAMPLING		MATRIX	NO. OF CONT.	TPH - Gas, Purgeable	BTEX	MTBE (8021B - 5ppb RL)	MTBE (8260B - 0.5ppb RL)	Oxygenates (9) by (8260B)	Ethanol (8260B)	Methanol	1,2-DCA (8260B)	EDB (8260B)	TPH - Diesel, Extractable (8015m)	MTBE (8260B) Confirmation, See Note	FIELD NOTES: Container/Preservative or PID Readings or Laboratory Notes
			DATE	TIME														
	MW-1		1-29-02	6:55	GW	3	X	X	X									-01
	MW-3			10:35			X	X	X									-02
	MW-5			10:20			X	X	X									-03
	MW-6			10:00			X	X	X									-04
	MW-7			9:35			X	X	X									-05

Relinquished by: (Signature) <i>[Signature]</i>	Received by: (Signature) <i>John Cutler / Kiff Analytical</i>	Date: <u>013002</u>	Time: <u>1120</u>
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

DISTRIBUTION: White with final report, Green to File, Yellow and Pink to Client.

## WELL GAUGING DATA

Project # D20129-A-1 Date 1-29-02 Client Equity

Site 630 High St. Oakland

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					9.13	13.70	
Mw-2	4					10.12	19.21	
Mw-3	4					9.07	17.26	
Mw-4	4					9.12	11.81	
Mw-5	4					9.95	17.25	
Mw-6	4					8.12	19.30	
Mw-7	4					7.85	19.41	
Mw-8	4					6.64	20.53	
Mw-9	4					7.83	11.45	
Mw-10	4					7.34	12.46	✓

## EQUIVA WELL MONITORING DATA SHEET

BTS #: 020129-AM-1	Site: 630 High St OAKLAND
Sampler: AM	Date: 1-29-02
Well I.D.: MW-1	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: 13.95	Depth to Water: 9.13
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): YSI HACH

Purge Method:

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

Sampling Method:

- Bailer
- Disposable Bailer
- Extraction Port
- Dedicated Tubing

Other: \_\_\_\_\_

3.1 (Gals.) X 3 = 9.3 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 <sup>2</sup> * 0.163

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
10:46	57.3	7.1	1203	20	3.1	clear
10:51	57.8	7.1	1205	17	6.2	" "
10:53	58.4	7.0	1267	15	9.3	

Did well dewater? Yes  No  Gallons actually evacuated: 9.3

Sampling Time: 10:55      Sampling Date: 1-29-02

Sample I.D.: MW-1      Laboratory: Sequoia Columbia Other KIFE

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

EB I.D. (if applicable): @ \_\_\_\_\_ Duplicate I.D. (if applicable): \_\_\_\_\_

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

D.O. (if req'd): Pre-purge: 4.3 mg/L      Post-purge: 6.0 mg/L

O.R.P. (if req'd): Pre-purge: \_\_\_\_\_ mV      Post-purge: \_\_\_\_\_ mV



## EQUIVA WELL MONITORING DATA SHEET

BTS #: 020129-AM-1	Site: 630 High St OAKLAND
Sampler: AM	Date: 1-29-02
Well I.D.: MW-3	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: 17.26	Depth to Water: 9.07
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): YSI HACH

Purge Method:

Bailer  
 Disposable Bailer  
 Middleburg  
 Electric Submersible  
 Waterra  
 Peristaltic  
 Extraction Pump  
 Other \_\_\_\_\_

Sampling Method:

Bailer  
 Disposable Bailer  
 Extraction Port  
 Dedicated Tubing

Other: \_\_\_\_\_

5.3 (Gals.) X	3	= 15.9 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 <sup>3</sup> * 0.163

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
10:26	55.8	7.0	1172	9	6	Clear
10:31	58.1	7.0	1198	14	12	" "
10:33	60.6	7.0	1190	13	18	" "

Did well dewater? Yes   No      Gallons actually evacuated: 18

Sampling Time: 10:35      Sampling Date: 1-29-02

Sample I.D.: MW-3      Laboratory: Sequoia Columbia Other KITE

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

EB I.D. (if applicable): @ \_\_\_\_\_ Duplicate I.D. (if applicable): \_\_\_\_\_

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

D.O. (if req'd): Pre-purge: 5.2 mg/L      Post-purge: 3.8 mg/L

O.R.P. (if req'd): Pre-purge: \_\_\_\_\_ mV      Post-purge: \_\_\_\_\_ mV

## EQUIVA WELL MONITORING DATA SHEET

BTS #: 020129-Ann-1	Site: 630 High St DANAID
Sampler: Ann	Date: 1-29-02
Well I.D.: Mw-S	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: 17.25	Depth to Water: 9.95
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): YSI HACH

Purge Method:

- Bailer
- Disposable Bailer
- Middleburg
- Electric Submersible
- Waterra
- Peristaltic
- Extraction Pump
- Other \_\_\_\_\_

Sampling Method:

- Bailer
- Disposable Bailer
- Extraction Port
- Dedicated Tubing
- Other: \_\_\_\_\_

$4.7 \text{ (Gals.)} \times 3 = 14.1 \text{ Gals.}$   
 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 <sup>2</sup> * 0.163

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
10:10	56.6	7.2	1296	24	5	Clear
10:12	59.1	7.0	1304	16	10	" "
10:15	60.6	7.0	1222	7	15	" "

Did well dewater? Yes  No  Gallons actually evacuated: 15

Sampling Time: 10:20      Sampling Date: 1-29-02

Sample I.D.: Mw-S      Laboratory: Sequoia Columbia Other KEFE

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

EB I.D. (if applicable): @ \_\_\_\_\_ Duplicate I.D. (if applicable): \_\_\_\_\_

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

D.O. (if req'd): Pre-purge: 5.5 mg/L      Post-purge: 3.6 mg/L

O.R.P. (if req'd): Pre-purge: \_\_\_\_\_ mV      Post-purge: \_\_\_\_\_ mV

## EQUIVA WELL MONITORING DATA SHEET

BTS #: <u>020129-AR-1</u>	Site: <u>630 HIGHER ST OAKLAND</u>
Sampler: <u>AR</u>	Date: <u>1-29-02</u>
Well I.D.: <u>MW-6</u>	Well Diameter: 2 3 <u>(4)</u> 6 8
Total Well Depth: <u>19.30</u>	Depth to Water: <u>8.12</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>(PVC)</u> Grade	D.O. Meter (if req'd): YSI HACH

Purge Method:

- Bailer  
 Disposable Bailer  
 Middleburg  
 Electric Submersible  
 Waterra  
 Peristaltic  
 Extraction Pump  
 Other \_\_\_\_\_

Sampling Method:

- Bailer  
 Disposable Bailer  
 Extraction Port  
 Dedicated Tubing  
 Other: \_\_\_\_\_

$$\frac{7.2 \text{ (Gals.)} \times 3}{1 \text{ Case Volume Specified Volumes}} = \frac{21.6 \text{ Gals.}}{\text{Calculated Volume}}$$

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

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
9:50	56.6	7.1	1164	11	6	Clear
9:53	59.9	7.0	901	35	16	" "
9:56	61.7	7.1	939	9	24	" "

Did well dewater? Yes   (No) Gallons actually evacuated: 24

Sampling Time: 10:00 Sampling Date: 1-29-02

Sample I.D.: MW-6 Laboratory: Sequoia Columbia Other KITE

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

EB I.D. (if applicable): @ \_\_\_\_\_ Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Other: 3/2

D.O. (if req'd): Pre-purge: 5.6 mg/L Post-purge: 4.3 mg/L

O.R.P. (if req'd): Pre-purge: \_\_\_\_\_ mV Post-purge: \_\_\_\_\_ mV

## EQUIVA WELL MONITORING DATA SHEET

BTS #: <u>020129-AM-1</u>	Site: <u>630 High St OAKLAND</u>
Sampler: <u>Am</u>	Date: <u>1-29-02</u>
Well I.D.: <u>MW-7</u>	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: <u>19.41</u>	Depth to Water: <u>7.65</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): YSI HACH

Purge Method:

- Bailer  
 Disposable Bailer  
 Middleburg  
 Electric Submersible  
 Waterra  
 Peristaltic  
 Extraction Pump  
 Other \_\_\_\_\_

Sampling Method:

- Bailer  
 Disposable Bailer  
 Extraction Port  
 Dedicated Tubing  
 Other: \_\_\_\_\_

$$7.5 \text{ (Gals.)} \times 3 = 22.5 \text{ Gals.}$$
 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 <sup>2</sup> * 0.163

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
9:31	57.6	6.8	1361	83	6	clear
9:33	59.0	7.0	1211	30	16	" "
9:34	60.4	7.0	1159	19	24	" "

Did well dewater? Yes  No  Gallons actually evacuated: 24

Sampling Time: 9:35 Sampling Date: 1-29-02

Sample I.D.: MW-7 Laboratory: Sequoia Columbia Other KEFE

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

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

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

D.O. (if req'd): Pre-purge: 2.1 mg/L Post-purge: 2.3 mg/L

O.R.P. (if req'd): Pre-purge: mV Post-purge: mV