CAMBRIA

RO00

July 6, 2001

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

Re: **Second Quarter 2001 Monitoring Report**
Shell-branded Service Station
3420 San Pablo Avenue
Oakland, California
Incident #98995748
Cambria Project #243-0554-002

JUL 11 2001

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.

SECOND QUARTER 2001 ACTIVITIES

Groundwater Monitoring: Blaine Tech Services, Inc. (Blaine) of San Jose, California gauged and sampled selected site wells, calculated groundwater elevations, and compiled the analytical data. 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.

Sensitive Receptor Survey: To evaluate the presence of sensitive receptors in the site vicinity, Cambria attempted to identify schools, churches, hospitals and surface water bodies within a ½-mile radius of the site. Based on a review of the Oakland West, California USGS topographic quadrangle, no surface water bodies are present within a ½-mile radius. Six churches are noted on the quadrangle, all located between approximately 675 feet and 1,000 feet southwest, south, southeast and east of the site. Additionally, Clawson School and the adjacent Poplar Playground are located approximately 1,000 feet southwest, McClymonds High School is located approximately 2,600 feet south, and Yates School is located approximately 2,300 feet north of the site. No hospitals were noted within the ½-mile radius.

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

A review of the 2001 Alameda County Thomas Guide confirmed the Poplar Playground (labeled Poplar Recreation Center), McClymonds High School and Yates School, but did not list Clawson School. An additional school was labeled approximately 1,400 feet southeast of the site. No hospitals were noted within the ½-mile radius.

Conduit Study: A utility conduit survey was performed to determine the location of potential preferential pathways beneath the site vicinity. Conduit trenches are often back-filled with materials which are more permeable than the surrounding native soils, therefore providing a path of least resistance for petroleum hydrocarbon migration. The utility survey consisted of reviewing maps and plans acquired from the City of Oakland Engineering Department and the East Bay Municipal Utility District (EBMUD) and conducting a site visit to visually identify utilities in the site vicinity. Results of the conduit study are summarized below, and conduit locations are mapped on Figure 2.

Utility survey results indicate that San Pablo Avenue is underlain by two southward flowing, 8-inch diameter sanitary sewer pipes, an 18-inch diameter southward flowing storm drain, and two water lines. A water line and a westward flowing, 8-inch diameter sanitary sewer line are located beneath 35th Street. Three electrical utility vault boxes, possibly associated with traffic control signals, and one Pacific Bell utility vault are located in the sidewalk near the southeast corner of San Pablo Avenue and 35th Street. EBMUD utility vault boxes are located in the sidewalks of both 35th Street (near the northeastern corner of the site) and San Pablo Avenue (near the southern edge of the property). Two cable television utility vaults are located in the sidewalk of 35th Street near the northwest corner of the property. City of Oakland engineering maps of the region indicate that the sanitary sewer lines are typically buried at approximately 6 to 7 feet below grade (fbg) and that the flow-line elevation of the sanitary sewer line beneath 35th Street ranges from 23.82 to 25.22 feet above mean sea level (amsl). Storm drains in the area are typically buried at approximately 7 to 9 fbg, and the flow-line elevation of the storm drain beneath San Pablo Avenue is approximately 21 feet amsl. The exact depths to water mains were not available, but according to EBMUD, the lines are typically buried eight fbg to the top of the pipe. Based on this information, the back-filled trenches of the sanitary sewer, storm drain and water lines may at times be deeper than the groundwater surface and may affect groundwater flow.

Site Conceptual Model (SCM): An SCM was developed for the site and is included as Attachment B.

ANTICIPATED THIRD QUARTER 2001 ACTIVITIES

Groundwater Monitoring: Blaine will gauge and sample selected site wells, and tabulate the data. Cambria will prepare a monitoring report.

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

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

REGISTERED GEOLOGIST
STEPHAN A. BORK
No. EG 2058
CERTIFIED
ENGINEERING
GEOLOGIST
STATE OF CALIFORNIA

Figures: 1 - Groundwater Elevation Contour Map
2 - Underground Utility Locations

Attachments: A - Blaine Groundwater Monitoring Report and Field Notes
B - Site Conceptual Model

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

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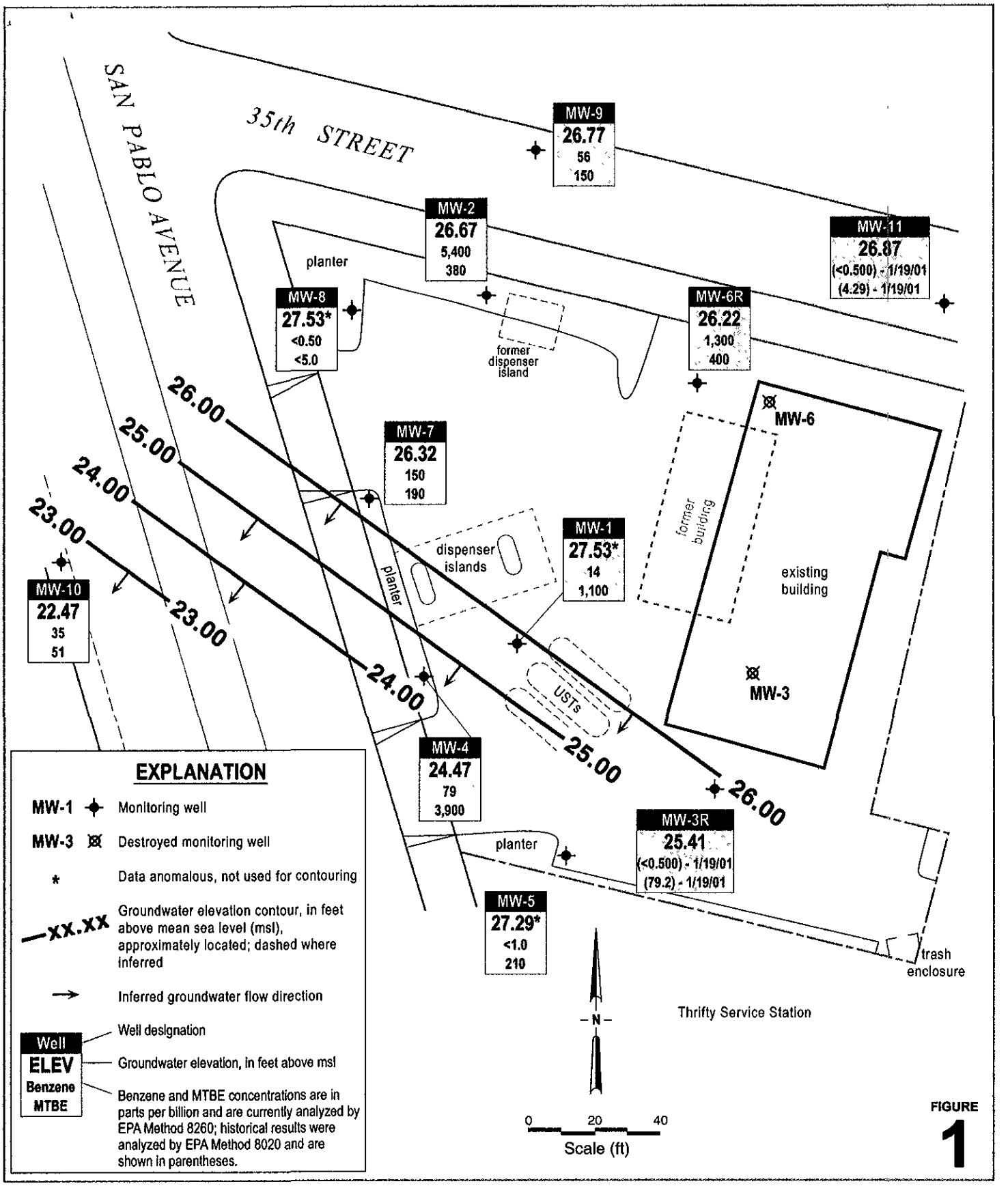

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FIGURE
1

07/06/01

Shell-branded Service Station
3420 San Pablo Avenue
Oakland, California
Incident #98995748

CAMBRIA

Groundwater Elevation Contour Map

April 27, 2001

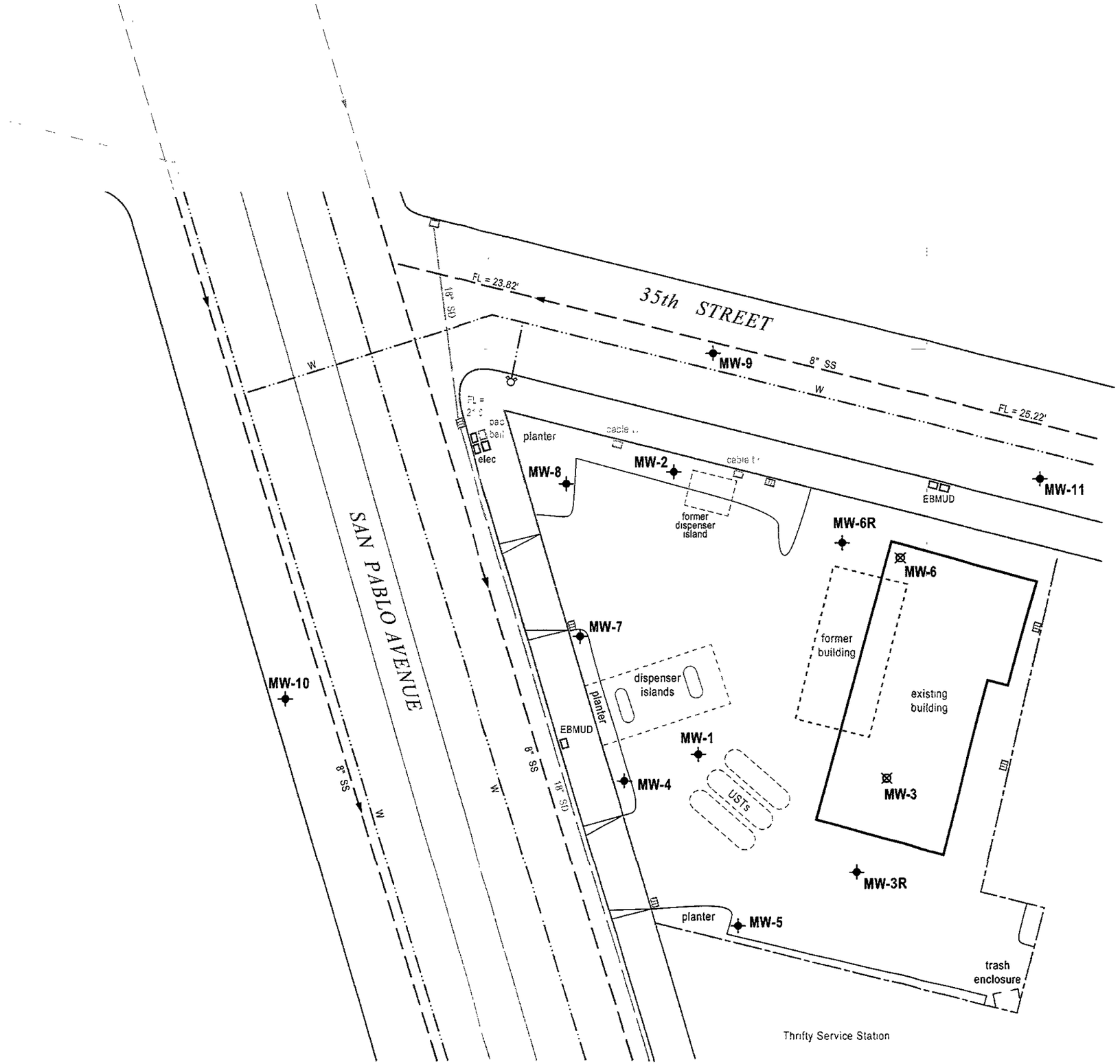
07 06 01

Underground Utilitiy Locations

CAMBRIA

EXPLANATION

- MW-1 — Monitoring well
- MW-3 — Destroyed monitoring well
- Storm Drain line
- Sanitary Sewer line
- Water Main
- Storm Drain inlet
- Fire Hydrant
- Flow direction indicator
- Misc. equipment vault as labled



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0 20 40

Scale (ft)

FIGURE **2**

Shell-branded Service Station
3420 San Pablo Avenue
Oakland, California
Incident #98995748

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ATTACHMENT A

Blaine Groundwater Monitoring Report and Field Notes

BLAINE
TECH SERVICES

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

May 21, 2001

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

Second Quarter 2001 Groundwater Monitoring at
Shell-branded Service Station
3420 San Pablo Avenue
Oakland, CA

Monitoring performed on April 27, 2001

Groundwater Monitoring Report 010427-M-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,

Nick Sudano
Project Coordinator

NS/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)
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-1	10/24/2000	2,330	32.3	<10.0	10.5	27.1	4,900	4,500	21.05	5.18	NA	15.87	NA	1.4
MW-1	01/19/2001	2,000	25.9	24.9	12.5	29.7	2,610	3,070	32.01	3.90	NA	28.11	NA	1.8
MW-1	**04/27/2001**	**2,200**	**14**	**<2.0**	**5.3**	**6.8**	**NA**	**1,100**	**32.01**	**4.48**	**NA**	**27.53**	**NA**	**1.5**
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

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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-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
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

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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-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-2	10/24/2000	24,400	4,680	<50.0	1,460	2,380	682	NA	21.58	5.88	NA	15.70	NA	2.2
MW-2	01/19/2001	29,200	4,980	127	2,820	4,320	<500	NA	32.54	5.96	NA	26.58	NA	1.4
MW-2	**04/27/2001**	**40,000**	**5,400**	**67**	**2,800**	**5,100**	**NA**	**380**	**32.54**	**5.87**	**NA**	**26.67**	**NA**	**1.1**
MW-3	08/06/1991	430	8	1	4	15	NA	NA	21.78	11.18	NA	10.60	NA	NA
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

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-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												
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-3R	10/24/2000	NA	NA	NA	NA	NA	NA	NA	21.83	8.90	NA	12.93	NA	NA
MW-3R	01/19/2001	<50.0	<0.500	<0.500	<0.500	<0.500	79.2	NA	32.79	7.04	NA	25.75	NA	2.0
MW-3R	**04/27/2001**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**32.79**	**7.38**	**NA**	**25.41**	**NA**	**NA**
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

WELL CONCENTRATIONS
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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-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
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

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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-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-4	10/24/2000	2,120	108	8.28	12.5	<5.00	6,070	5,950	20.92	8.90	NA	12.02	NA	1.1
MW-4	01/19/2001	3,330	67.2	<5.00	7.18	<5.00	3,620	4,330	31.88	7.25	NA	24.63	NA	1.8
MW-4	**04/27/2001**	**1,600**	**79**	**<10**	**<10**	**<10**	**NA**	**3,900**	**31.88**	**7.41**	**NA**	**24.47**	**NA**	**1.4**
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
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

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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-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
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-5	10/24/2000	5,170	24.3	12.6	16.5	9.79	130	NA	21.71	5.59	NA	16.12	NA	1.3
MW-5	01/19/2001	4,000	<5.00	17.4	88.1	22.6	371	NA	32.67	5.05	NA	27.62	NA	1.0
MW-5	**04/27/2001**	**3,100**	**<1.0**	**<1.0**	**2.6**	**1.3**	**NA**	**210**	**32.67**	**5.38**	**NA**	**27.29**	**NA**	**1.3**
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

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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-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
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

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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-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-6R	10/24/2000	17,200	1,890	107	869	1,620	1,320	NA	22.19	7.40	NA	14.79	NA	1.1
MW-6R	01/19/2001	15,000	1,120	40.2	1,240	2,230	1,670	NA	33.15	6.16	NA	26.99	NA	1.4
MW-6R	**04/27/2001**	**25,000**	**1,300**	**24**	**1,300**	**2,400**	**NA**	**400**	**33.15**	**6.93**	**NA**	**26.22**	**NA**	**1.0**
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
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

WELL CONCENTRATIONS
Shell-branded Service Station
3420 San Pablo Avenue
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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	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
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-7	10/24/2000	33,500	464	<200	1,600	3,830	<1,000	NA	20.35	4.17	NA	16.18	NA	1.5
MW-7	01/19/2001	1,860,000	<2,000	<2,000	<2,000	5,790	<10,000	NA	31.31	5.18	NA	26.13	NA	1.2
MW-7	**04/27/2001**	**31,000**	**150**	**20**	**1,400**	**3,000**	**NA**	**190**	**31.31**	**4.99**	**NA**	**26.32**	**NA**	**1.4**
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

WELL CONCENTRATIONS
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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	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
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

WELL CONCENTRATIONS
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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-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-8	10/24/2000	8,620	99.0	12.8	152	366	225	NA	21.15	3.11	NA	18.04	NA	1.0
MW-8	01/19/2001	5,590	49.4	6.50	26.0	57.4	99.5	NA	32.11	5.35	NA	26.76	NA	1.8
MW-8	**04/27/2001**	**3,800**	**<0.50**	**<0.50**	**14**	**31**	**NA**	**<5.0**	**32.11**	**4.58**	**NA**	**27.53**	**NA**	**0.7**
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
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

WELL CONCENTRATIONS
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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-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
MW-9	10/24/2000	3,090	110	<5.00	46.4	63.3	362	NA	21.19	5.90	NA	15.29	NA	1.0
MW-9	01/19/2001	6,060	180	<5.00	181	164	231	NA	32.15	5.39	NA	26.76	NA	1.2
MW-9	**04/27/2001**	**2,700**	**56**	**<0.50**	**26**	**46**	**NA**	**150**	**32.15**	**5.38**	**NA**	**26.77**	**NA**	**1.2**

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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-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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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-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-10	10/24/2000	5,070	79.6	46.6	34.2	11.7	242	NA	19.76	7.96	NA	11.80	NA	1.9
MW-10	01/19/2001	Inaccessible		NA	NA	NA	NA	NA	19.76	NA	NA	NA	NA	NA
MW-10	01/30/2001	6,920	362	14.2	22.7	<10.0	138	NA	30.75	7.32	NA	23.43	NA	2.2
MW-10	**04/27/2001**	**12,000**	**35**	**<2.5**	**37**	**6.5**	**NA**	**51**	**30.75**	**8.28**	**NA**	**22.47**	**NA**	**1.2**
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

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-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
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

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-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
MW-11	10/24/2000	NA	NA	NA	NA	NA	NA	NA	22.06	7.45	NA	14.61	NA	NA
MW-11	01/19/2001	<50.0	<0.500	<0.500	<0.500	<0.500	4.29	NA	32.99	5.95	NA	27.04	NA	1.6
MW-11	**04/27/2001**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**32.99**	**6.12**	**NA**	**26.87**	**NA**	**NA**

Abbreviations:
TPPH = Total petroleum hydrocarbons as gasoline by modified EPA Method 8260B; prior to April 27, 2001 analyzed by EPA Method 8015.
BTEX = benzene, toluene, ethylbenzene, xylenes by EPA Method 8260B; prior to April 27, 2001, analyzed 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

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)

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.

All wells except MW-11 surveyed February 26, 2001 by Virgil Chavez Land Surveying of Vallejo, Calfornia.

KIFF ANALYTICAL LLC

Report Number : 20114
Date : 5/11/2001

Nick Sudano
Blaine Tech Services
1680 Rogers Avenue
San Jose, CA 95112-1105

Subject : 9 Water Samples
Project Name : 3420 San Pablo Avenue, Oakland
Project Number : 010427-M1
P.O. Number : Incident# 98995748

Dear Mr. Sudano,

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,

Joel Kiff

Joel Kiff

KIFF ANALYTICAL LLC

Report Number : 20114
Date : 5/11/2001

Project Name : **3420 San Pablo Avenue, Oakland**
Project Number : **010427-M1**

Sample : **MW-1** Matrix : Water Lab Number : 20114-01
Sample Date :4/27/2001

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**14**	2.0	ug/L	EPA 8260B	5/10/2001
Toluene	**< 2.0**	2.0	ug/L	EPA 8260B	5/10/2001
Ethylbenzene	**5.3**	2.0	ug/L	EPA 8260B	5/10/2001
Total Xylenes	**6.8**	2.0	ug/L	EPA 8260B	5/10/2001
Methyl-t-butyl ether (MTBE)	**1100**	5.0	ug/L	EPA 8260B	5/9/2001
TPH as Gasoline	**2200**	200	ug/L	EPA 8260B	5/10/2001
Toluene - d8 (Surr)	102		% Recovery	EPA 8260B	5/10/2001
4-Bromofluorobenzene (Surr)	101		% Recovery	EPA 8260B	5/10/2001

Sample : **MW-2** Matrix : Water Lab Number : 20114-02
Sample Date :4/27/2001

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**5400**	25	ug/L	EPA 8260B	5/9/2001
Toluene	**67**	25	ug/L	EPA 8260B	5/9/2001
Ethylbenzene	**2800**	25	ug/L	EPA 8260B	5/9/2001
Total Xylenes	**5100**	25	ug/L	EPA 8260B	5/9/2001
Methyl-t-butyl ether	**380**	250	ug/L	EPA 8260B	5/9/2001
TPH as Gasoline	**40000**	5000	ug/L	EPA 8260B	5/9/2001
Toluene - d8 (Surr)	98.3		% Recovery	EPA 8260B	5/9/2001
4-Bromofluorobenzene (Surr)	110		% Recovery	EPA 8260B	5/9/2001

Approved By: Joel Kiff

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

KIFF ANALYTICAL LLC

Report Number : 20114
Date : 5/11/2001

Project Name : **3420 San Pablo Avenue, Oakland**
Project Number : **010427-M1**

Sample : **MW-4** Matrix : Water Lab Number : 20114-03
Sample Date :4/27/2001

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**79**	10	ug/L	EPA 8260B	5/9/2001
Toluene	**< 10**	10	ug/L	EPA 8260B	5/9/2001
Ethylbenzene	**< 10**	10	ug/L	EPA 8260B	5/9/2001
Total Xylenes	**< 10**	10	ug/L	EPA 8260B	5/9/2001
Methyl-t-butyl ether	**3900**	100	ug/L	EPA 8260B	5/9/2001
TPH as Gasoline	**1600**	1000	ug/L	EPA 8260B	5/9/2001
Toluene - d8 (Surr)	98.5		% Recovery	EPA 8260B	5/9/2001
4-Bromofluorobenzene (Surr)	112		% Recovery	EPA 8260B	5/9/2001

Sample : **MW-5** Matrix : Water Lab Number : 20114-04
Sample Date :4/27/2001

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 1.0**	1.0	ug/L	EPA 8260B	5/10/2001
Toluene	**< 1.0**	1.0	ug/L	EPA 8260B	5/10/2001
Ethylbenzene	**2.6**	1.0	ug/L	EPA 8260B	5/10/2001
Total Xylenes	**1.3**	1.0	ug/L	EPA 8260B	5/10/2001
Methyl-t-butyl ether	**210**	10	ug/L	EPA 8260B	5/10/2001
TPH as Gasoline	**3100**	100	ug/L	EPA 8260B	5/10/2001
Toluene - d8 (Surr)	104		% Recovery	EPA 8260B	5/10/2001
4-Bromofluorobenzene (Surr)	103		% Recovery	EPA 8260B	5/10/2001

Joel Kiff

Approved By: Joel Kiff

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KIFF ANALYTICAL LLC

Report Number : 20114
Date : 5/11/2001

Project Name : **3420 San Pablo Avenue, Oakland**
Project Number : **010427-M1**

Sample : **MW-6R** Matrix : Water Lab Number : 20114-05
Sample Date :4/27/2001

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**1300**	5.0	ug/L	EPA 8260B	5/9/2001
Toluene	**24**	5.0	ug/L	EPA 8260B	5/9/2001
Ethylbenzene	**1300**	5.0	ug/L	EPA 8260B	5/9/2001
Total Xylenes	**2400**	5.0	ug/L	EPA 8260B	5/9/2001
Methyl-t-butyl ether	**400**	50	ug/L	EPA 8260B	5/9/2001
TPH as Gasoline	**25000**	500	ug/L	EPA 8260B	5/9/2001
Toluene - d8 (Surr)	92.3		% Recovery	EPA 8260B	5/9/2001
4-Bromofluorobenzene (Surr)	114		% Recovery	EPA 8260B	5/9/2001

Sample : **MW-7** Matrix : Water Lab Number : 20114-06
Sample Date :4/27/2001

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**150**	5.0	ug/L	EPA 8260B	5/9/2001
Toluene	**20**	5.0	ug/L	EPA 8260B	5/9/2001
Ethylbenzene	**1400**	5.0	ug/L	EPA 8260B	5/9/2001
Total Xylenes	**3000**	5.0	ug/L	EPA 8260B	5/9/2001
Methyl-t-butyl ether	**190**	50	ug/L	EPA 8260B	5/9/2001
TPH as Gasoline	**31000**	500	ug/L	EPA 8260B	5/9/2001
Toluene - d8 (Surr)	93.5		% Recovery	EPA 8260B	5/9/2001
4-Bromofluorobenzene (Surr)	114		% Recovery	EPA 8260B	5/9/2001

Approved By: Joel Kiff

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

KIFF ANALYTICAL LLC

Report Number : 20114
Date : 5/11/2001

Project Name : **3420 San Pablo Avenue, Oakland**
Project Number : **010427-M1**

Sample : **MW-8** Matrix : Water Lab Number : 20114-07
Sample Date :4/27/2001

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	5/9/2001
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	5/9/2001
Ethylbenzene	**14**	0.50	ug/L	EPA 8260B	5/9/2001
Total Xylenes	**31**	0.50	ug/L	EPA 8260B	5/9/2001
Methyl-t-butyl ether	**< 5.0**	5.0	ug/L	EPA 8260B	5/9/2001
TPH as Gasoline	**3800**	250	ug/L	EPA 8260B	5/10/2001
Toluene - d8 (Surr)	90.1		% Recovery	EPA 8260B	5/9/2001
4-Bromofluorobenzene (Surr)	111		% Recovery	EPA 8260B	5/9/2001

Sample : **MW-9** Matrix : Water Lab Number : 20114-08
Sample Date :4/27/2001

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**56**	0.50	ug/L	EPA 8260B	5/9/2001
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	5/9/2001
Ethylbenzene	**26**	0.50	ug/L	EPA 8260B	5/9/2001
Total Xylenes	**46**	0.50	ug/L	EPA 8260B	5/9/2001
Methyl-t-butyl ether	**150**	5.0	ug/L	EPA 8260B	5/9/2001
TPH as Gasoline	**2700**	50	ug/L	EPA 8260B	5/9/2001
Toluene - d8 (Surr)	94.8		% Recovery	EPA 8260B	5/9/2001
4-Bromofluorobenzene (Surr)	112		% Recovery	EPA 8260B	5/9/2001

Approved By: Joel Kiff

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

KIFF ANALYTICAL LLC

Report Number : 20114
Date : 5/11/2001

Project Name : **3420 San Pablo Avenue, Oakland**
Project Number : **010427-M1**

Sample : **MW-10** Matrix : Water Lab Number : 20114-09
Sample Date :4/27/2001

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**35**	2.5	ug/L	EPA 8260B	5/10/2001
Toluene	**< 2.5**	2.5	ug/L	EPA 8260B	5/10/2001
Ethylbenzene	**37**	2.5	ug/L	EPA 8260B	5/10/2001
Total Xylenes	**6.5**	2.5	ug/L	EPA 8260B	5/10/2001
Methyl-t-butyl ether	**51**	25	ug/L	EPA 8260B	5/10/2001
TPH as Gasoline	**12000**	200	ug/L	EPA 8260B	5/9/2001
Toluene - d8 (Surr)	92.6		% Recovery	EPA 8260B	5/10/2001
4-Bromofluorobenzene (Surr)	100		% Recovery	EPA 8260B	5/10/2001

Approved By: Joel Kiff

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

Report Number : 20114
Date : 5/11/2001

Project Name : **3420 San Pablo Avenue,**
Project Number : **010427-M1**

Quality Control Data - Method Blank

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	5/9/2001
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	5/9/2001
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	5/9/2001
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	5/9/2001
Methyl-t-butyl ether (MTBE)	**< 0.50**	0.50	ug/L	EPA 8260B	5/9/2001
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	5/9/2001
Toluene - d8 (Surr)	98.7		% Recovery	EPA 8260B	5/9/2001
4-Bromofluorobenzene (Surr)	113		% Recovery	EPA 8260B	5/9/2001

Approved By: Joel Kiff

Report Number : 20114

QC Report : Matrix Spike/ Matrix Spike Duplicate

Date : 5/11/2001

Project Name : **3420 San Pablo Avenue,**

Project Number : **010427-M1**

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
Spike Recovery Data														
Benzene	20120-03	<0.50	24.6	25.5	24.0	24.9	ug/L	EPA 8260B	5/9/2001	97.5	97.6	0.164	70-130	25
Toluene	20120-03	<0.50	24.6	25.5	22.7	23.6	ug/L	EPA 8260B	5/9/2001	92.3	92.5	0.281	70-130	25
Tert-Butanol	20120-03	<5.0	24.6	25.5	26.4	28.0	ug/L	EPA 8260B	5/9/2001	108	110	2.15	70-130	25
Methyl-t-Butyl Ether	20120-03	1.9	24.6	25.5	24.8	24.4	ug/L	EPA 8260B	5/9/2001	92.9	87.9	5.48	70-130	25

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

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

Report Number : 20114

Date : 5/11/2001

QC Report : Laboratory Control Sample (LCS)

Project Name : **3420 San Pablo Avenue,**

Project Number : **010427-M1**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
Benzene	19.6	ug/L	EPA 8260B	5/9/2001	98.0	70-130
Toluene	19.6	ug/L	EPA 8260B	5/9/2001	93.8	70-130
Tert-Butanol	98.0	ug/L	EPA 8260B	5/9/2001	101	70-130
Methyl-t-Butyl Ether	19.6	ug/L	EPA 8260B	5/9/2001	100	70-130

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

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

LAB: KIFF

EQUIVA Services LLC Chain Of Custody Record 20114

Lab Identification (if necessary):

Address:

City, State, Zip:

Equiva Project Manager to be invoiced: Karen Petryna

☑ SCIENCE & ENGINEERING ☐ TECHNICAL SERVICES ☐ CRMT HOUSTON

INCIDENT NUMBER (S&E ONLY): 9 8 9 9 5 7 4 8

SAP or CRMT NUMBER (TS/CRMT):

DATE: 4/27/01

PAGE: 1 of 1

CONSULTANT COMPANY: Blaine Tech Services

ADDRESS: 1680 Rogers Avenue

CITY: San Jose, CA 95112

TELEPHONE: 408-573-0555 FAX: 408-573-7771 E-MAIL: nsudano@blainetech.com

SITE ADDRESS (Street and City): 3420 San Pablo Avenue, Oakland

PROJECT CONTACT (Report to): Nick Sudano

CONSULTANT PROJECT NO: BTS # 010427-M1

SAMPLER NAME(S) (Print): Matthew Miller

LAB USE ONLY

TURNAROUND TIME (BUSINESS DAYS): ☒ 10 DAYS ☐ 5 DAYS ☐ 72 HOURS ☐ 48 HOURS ☐ 24 HOURS ☐ LESS THAN 24 HOURS

☐ LA - RWQCB REPORT FORMAT ☐ UST AGENCY:

GC/MS MTBE CONFIRMATION: HIGHEST X HIGHEST per BORING ____ ALL ____

SPECIAL INSTRUCTIONS OR NOTES: Confirm MW-1 MTBE by 8260 and confirm highest MTBE by 8260

TEMPERATURE ON RECEIPT C°

REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	TPH - Gas, Purgeable (8015m)	BTEX (8021B)	MTBE (8021B)	MTBE (8260B)	TPH - Diesel, Extractable (8015m)	Oxygenates (5) by 8260	Ethanol, Methanol (8015B)	MTBE (8260B) Confirmation, See Note	FIELD NOTES: Container/Preservative or PID Readings or Laboratory Notes	
	MW-1	4/27	1000	W	3	X	X	X					X		01
	MW-2		1148	W	3	X	X	X					X		02
	MW-3		1057	W	3	X	X	X					X		03
	MW-5		1057	W	3	X	X	X					X		04
	MW-6R		1338	W	3	X	X	X					X		05
	MW-7		1441	W	3	X	X	X					X		06
	MW-8		1133	W	3	X	X	X					X		07
	MW-9		1210	W	3	X	X	X					X		08
	MW-10		1250	W	3	X	X	X					X		09

Relinquished by: (Signature)	Received by (Signature)	Date:	Time:
Relinquished by: (Signature)	Received by (Signature)	Date:	Time:
Relinquished by: (Signature)	Received by (Signature)	Date:	Time:
	David Brewer Kriti Singhal	043001	1245

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

10/16/00 Revision

QA/Q Graphic (714) 888-9702

WELL GAUGING DATA

Project # 010427-M1 Date 4/27/01 Client Equiva

Site 3420 San Pablo Ave

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					4.48	24.35		
MW 2	4	odor pressure				5.87	19.25		
MW 3R	2					7.38	28.22		
MW 4	4					7.41	19.15		
MW 5	4					5.38	24.84		
MW 6R	4					6.93	24.43		
MW 7	4					4.99	19.54		
MW 8	4					4.58	18.74		
MW 9	4					5.38	19.68		
MW 10	4					8.28	18.80		
MW 11	4	-	-	-	-	6.12	18.82	↓	

EQUIVA WELL MONITORING DATA SHEET

Project #: 010427-M1	~~Job #~~ Site: 3420 San Pablo Ave
Sampler: Matthew Miller	Date: 4/27/01
Well I.D.: MW-1	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth: 24.35	Depth to Water: 4.48
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
2"	0.16	5"	1.02
3"	0.37	6"	1.47
4"	0.65	Other	radius^2 * 0.163

Purge Method: Bailer / Middleburg / (Electric Submersible) / Extraction Pump / Other: ____

Sampling Method: (Bailer) / Extraction Port / Other: ____

13 (1 Case Volume (Gals.)) X 3 (Specified Volumes) = 39 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
9:48	66.2	6.66	754	28	13	
9:51	67.6	7.1	763	37	26	
954	67.7	7.3	755	30	39	

Did well dewater? Yes (No)			Gallons actually evacuated: 39		
Sampling Time: 1000			Sampling Date: 04/27/01		
Sample I.D.: MW-1			Laboratory: Sequoia BC Other KIFF		
Analyzed for: (TPH-G) (BTEX) (MTBE) TPH-D			Other:		
D.O. (if req'd):	Pre-purge:	mg/L	(Post-purge:)	1.05	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:		mV

EQUIVA WELL MONITORING DATA SHEET

Project #: 01C427-M1	~~Job #~~ Site: 3420 San Pablo Ave
Sampler: Matthew Miller	Date: 4/27/01
Well I.D.: MW-2	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: 19.25	Depth to Water: 5.87
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
2"	0.16	5"	1.02
3"	0.37	6"	1.47
4"	0.65	Other	radius^2 * 0.163

Purge Method: Bailer / Middleburg / (Electric Submersible) / ~~Extraction Pump~~ / Other: ___

Sampling Method: (Bailer) / Extraction Port / Other: ___

8.7 (1 Case Volume (Gals.)) X 3 (Specified Volumes) = 26.1 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
1359	69.9	7.1	1068	53	9	
1401	68.9	7.1	1042	59	18	
1403	69.3	7.1	1051	20	27	

Did well dewater? Yes (No)			Gallons actually evacuated: 27		
Sampling Time: 1408			Sampling Date: 04/27/01		
Sample I.D.: MW-2			Laboratory: Sequoia BC Other KIFF		
Analyzed for: (TPH-G) (BTEX) (MTBE) TPH-D			Other:		
D.O. (if req'd):	Pre-purge:	mg/L	(Post-purge:)	1.1	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:		mV

EQUIVA WELL MONITORING DATA SHEET

Project #: 01427-M1	~~Job #~~ Site: 3420 San Pablo Ave
Sampler: Matthew Miller	Date: 4/27/01
Well I.D.: MW-4	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: 19.15	Depth to Water: 7.41
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
2"	0.16	5"	1.02
3"	0.37	6"	1.47
4"	0.65	Other	radius^2 * 0.163

Purge Method: Bailer / Middleburg / (Electric Submersible) / Extraction Pump / Other: ___

Sampling Method: (Bailer) / Extraction Port / Other: ___

7.6 (1 Case Volume (Gals.)) X 3 (Specified Volumes) = 24 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
1018	66.3	7.1	1025	37	8	odor
1020	66.4	7.0	876	54	16	
1022	66.7	7.0	908	49	24	

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

Sampling Time: 1027 Sampling Date: 04/27/01

Sample I.D.: MW-4 Laboratory: Sequoia BC Other KIFF

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

D.O. (if req'd):	Pre-purge:	mg/L	(Post-purge:)	1.4 mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

EQUIVA WELL MONITORING DATA SHEET

Project #: 01427-M1	~~Job #~~ Site: 3420 San Pablo Ave
Sampler: Matthew Miller	Date: 4/27/01
Well I.D.: MW-5	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: 24.84	Depth to Water: 5.38
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
2"	0.16	5"	1.02
3"	0.37	6"	1.47
4"	0.65	Other	radius^2 * 0.163

Purge Method: Bailer / Middleburg / (Electric Submersible) / Extraction Pump / Other: ___

Sampling Method: (Bailer) / Extraction Port / Other: ___

12.6 (1 Case Volume (Gals.)) x 3 (Specified Volumes) = 38 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
1047	65.0	7.4	626	46	12.5	
1050	65.7	7.2	651	98	25	
1053	66.6	7.2	632	57	38	

Did well dewater? Yes (No)		Gallons actually evacuated: 38		
Sampling Time: 1057		Sampling Date: 04/27/01		
Sample I.D.: MW-5		Laboratory: Sequoia BC Other KIFF		
Analyzed for: (TPH-G) (BTEX) (MTBE) TPH-D		Other:		
D.O. (if req'd):	Pre-purge:	mg/L	(Post-purge:)	1.3 mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

EQUIVA WELL MONITORING DATA SHEET

Project #: 010427-M1	~~Job #~~ Site: 3420 San Pablo Ave
Sampler: Matthew Mille	Date: 4/27/01
Well I.D.: MW-6R	Well Diameter: (2) 3 ~~4~~ 6 8 ___
Total Well Depth: 24.43	Depth to Water: 6.93
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
2"	0.16	5"	1.02
3"	0.37	6"	1.47
4"	0.65	Other	radius² * 0.163

Purge Method: (Bailer) Middleburg ~~Electric Submersible~~ Extraction Pump Other: ___

Sampling Method: (Bailer) Extraction Port Other: ___

28 ~~11.7~~ (1 Case Volume (Gals.)) X 3 (Specified Volumes) = ~~33~~ 9 Gals. (Calculated Volume)

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
1319	66.8	7.1	1004	>200	3	odor/sheen
1325	66.9	7.1	1042	>200	6	"
1333	66.9	7.2	1029	>200	9	"

Did well dewater? Yes (No)		Gallons actually evacuated: 9	
Sampling Time: 1338		Sampling Date: 04/27/01	
Sample I.D.: MW-6R		Laboratory: Sequoia BC Other KIFF	
Analyzed for: (TPH-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

Project #: 010427-M1	~~Job #~~ Site: 3420 San Pablo Ave
Sampler: Matthew Miller	Date: 4/27/01
Well I.D.: MW-7	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: 19.54	Depth to Water: 4.99
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
2"	0.16	5"	1.02
3"	0.37	6"	1.47
4"	0.65	Other	radius² * 0.163

Purge Method: Bailer / Middleburg / (Electric Submersible) / ~~Extraction Pump~~ / Other: ___

Sampling Method: (Bailer) / Extraction Port / Other: ___

9.5 (1 Case Volume (Gals.)) x 3 (Specified Volumes) = 29 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
1431	67.2	7.5	447	14	10	
1434	66.8	7.3	435	19	20	odor
1436	67.1	7.3	467	8	29	odor

Did well dewater? Yes (No) Gallons actually evacuated: 29

Sampling Time: 1441 Sampling Date: 04/27/01

Sample I.D.: MW-7 Laboratory: Sequoia BC Other KIFF

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

D.O. (if req'd):	Pre-purge:	mg/L	(Post-purge:)	1.4	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:		mV

EQUIVA WELL MONITORING DATA SHEET

Project #: 010427-M1	~~Job #~~ Site: 3420 San Pablo Ave
Sampler: Matthew Miller	Date: 4/27/01
Well I.D.: MW-8	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: 18.74	Depth to Water: 4.58
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
2"	0.16	5"	1.02
3"	0.37	6"	1.47
4"	0.65	Other	radius^2 * 0.163

Purge Method: Bailer / Middleburg / (Electric Submersible) / Extraction Pump / Other: ___

Sampling Method: (Bailer) / Extraction Port / Other: ___

9.2 (1 Case Volume (Gals.)) x 3 (Specified Volumes) = 28 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
1123	66.3	7.1	799	47	8	
1125	66.1	7.0	819	35	18	
1128	66.5	7.1	820	39	28	

Did well dewater? Yes (No) Gallons actually evacuated: 28

Sampling Time: 1133 Sampling Date: 04/27/01

Sample I.D.: MW 8 Laboratory: Sequoia BC Other KIFF

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

D.O. (if req'd):	Pre-purge:	mg/L	(Post-purge:)	0.2 mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

EQUIVA WELL MONITORING DATA SHEET

Project #: 010427-M1	~~Job #~~ Site: 3420 San Pablo Ave
Sampler: Matthew Mille	Date: 4/27/01
Well I.D.: MW-9	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: 19.68	Depth to Water: 5.38
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
2"	0.16	5"	1.02
3"	0.37	6"	1.47
4"	0.65	Other	radius² * 0.163

Purge Method: Bailer / Middleburg / (Electric Submersible) / Extraction Pump / Other: ___

Sampling Method: (Bailer) / Extraction Port / Other: ___

9.3 (1 Case Volume (Gals.)) x 3 (Specified Volumes) = 29 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
1159	67.7	7.2	859	96	10	
1203	68.5	7.0	818	52	20	
1205	68.9	7.1	914	53	29	

Did well dewater? Yes (No) Gallons actually evacuated: 29

Sampling Time: 1210 Sampling Date: 04/27/01

Sample I.D.: MW-9 Laboratory: Sequoia BC Other KIFF

Analyzed for: (TPH-G) (BTEX) (MTBE) TPH-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 #: 0104127-M1	~~Job #~~ Site: 3420 San Pablo Ave
Sampler: Matthew Miller	Date: 4/27/01
Well I.D.: MW-10	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: 18.80	Depth to Water: 8.28
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
2"	0.16	5"	1.02
3"	0.37	6"	1.47
4"	0.65	Other	radius^2 * 0.163

Purge Method: Bailer / Middleburg / (Electric Submersible) / Extraction Pump / Other: ___

Sampling Method: (Bailer) / Extraction Port / Other: ___

6.7 (1 Case Volume (Gals.)) X 3 (Specified Volumes) = 20 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
1241	67.1	7.4	1118	40	7	
1243	67.3	7.4	1133	34	14	
1244	67.6	7.3	1109	32	20	

Did well dewater? Yes (No) Gallons actually evacuated: 20

Sampling Time: 1250 Sampling Date: 04/27/01

Sample I.D.: MW-10 Laboratory: Sequoia BC Other KIEF

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

ATTACHMENT B

Site Conceptual Model

SITE CONCEPTUAL MODEL
June 25, 2001
Cambria Environmental Technology, Inc.

Site Address:	3420 San Pablo Avenue	**Incident Number:**	98995748
City:	Oakland	**Regulator:**	Alameda County Health Care Services Agency

Item	Evaluation Criteria	Comments/Discussion
1	**Hydrocarbon Source**	
1.1	Identify/Describe Release Source and Volume (if known)	In December 1984, gasoline saturated soil was discovered beneath the former dispensers. All product lines were tested for tightness and the super unleaded and regular product lines failed. A review of inventory records indicated a loss of approximately 2,500 gallons of super unleaded and 1,500 gallons of regular gasoline. In addition, contaminated soil around the underground storage tanks (USTs) suggests a UST release.
1.2	Discuss Steps Taken to Stop Release	In January 1985, the steel USTs and the product lines were replaced with double-walled fiberglass tanks and double-walled fiberglass product lines. During 1997 site renovations, one 550-gallon waste-oil UST, two gasoline dispensers, and associated piping were removed.
2	**Site Characterization**	
2.1	Current Site Use/Status	The site is an active Shell-branded service station located at the southeast corner of the intersection of 35th St. and San Pablo in Oakland. The station building houses the cashier's office and a Shell Oil Company training center. There are three 10,000 gallon double-walled fiberglass underground storage tanks (USTs) on the site. The area to the east/southeast of the site is primarily residential, and the area to the west/southwest is mixed residential/commercial. Interstate Highway 580 runs along an overpass parallel to 35th Street just north of the site.
2.2	Soil Definition Status	Based on a 1989 report by Delta Environmental Consultants, the lateral extent of hydrocarbons in soil is limited to the area of the former dispenser islands (near MW-2) and USTs. The vertical extent of hydrocarbons is limited to 10-11 ft bgs. A soil investigation by Cambria during waste-oil tank and gasoline dispenser/pipeline removal activities in 1997 found concentrations of up to 120 mg/kg TPHg, 0.13 mg/kg benzene, and 2,000 mg/kg lead in samples collected from beneath the piping and dispenser locations.

Item	Evaluation Criteria	Comments/Discussion
2.3	Separate-Phase Hydrocarbon Definition Status	SPH was detected in MW-1 from 1991-94, in MW-2 from 1992-94, in MW-4 from 1992-95, in MW-5 from 1992-94, in MW-6 from 1992-95, and in MW-7 from 1994-97. Approximately 20.17 lbs SPH was removed between January 1993 and October 1997 by skimmers installed in MW-2, MW-4, and MW-7 and manual bailing. No SPH has been detected onsite since October 1997.
2.4	Groundwater Definition Status (BTEX)	The lateral extent of BTEX in groundwater has been defined to non-detect levels in the eastern (cross/upgradient) direction by wells MW-3, MW-3R, and MW-11. Benzene has been defined to less than 100 ppb in the northern, western, and southern directions by wells MW-9, MW-10, and MW-4 and MW-5, respectively. Based on this data, the BTEX plume extends under the western portion of the site, north beneath 35th Street, and west beneath San Pablo Avenue.
2.5	BTEX Plume Stability and Concentration Trends	Based on quarterly groundwater monitoring data, concentrations of BTEX are decreasing. Therefore, the plume appears to be shrinking.
2.6	Groundwater Definition Status (MTBE)	The MTBE plume has been defined to non-detect levels in the northeastern (upgradient) direction by MW-11. The MTBE plume has been essentially defined by attenuation with increasing distance from the USTs in the westward, northward, and eastward directions. MTBE is not completely defined in the southwestward direction from the USTs.
2.7	MTBE Plume Stability and Concentration Trends	Based on quarterly groundwater monitoring data, concentrations of MTBE are stable to decreasing in all site wells. Therefore, the MTBE plume appears to be stable to shrinking.
2.8	Groundwater Flow Direction, Depth Trends and Gradient Trends	Since monitoring began in 1989, depth to groundwater has ranged from about 4 to 13 fbg, and averages about 6 to 8 fbg. According to recent analysis, groundwater flow ranges from south to west (typically southwest) at approximately 0.015 ft/ft. The overall groundwater gradient, as inferred from surface topography, is expected to be toward the southwest.

Item	Evaluation Criteria	Comments/Discussion
2.9	Stratigraphy and Hydrogeology	The site is underlain by silty clay, sandy clay, sandy silt, and gravelly sand to a total explored depth of 31.5 fbg. The site lies within the East Bay Plain groundwater basin, which covers about 114 square miles in western Alameda County. Unconsolidated deposits of a maximum aggregate thickness of about 1,100 feet comprise the groundwater resevoir (Hickenbottom and Muir, 1988). Groundwater is typically found within the older alluvium under confined conditions due to the presence of clay and other fine-grained material overlying more permeable sand and gravel units.
2.10	Preferential Pathways Analysis	According to a May 2001 conduit study, there are sanitary sewer and storm drain conduits at 6-10 fbg under San Pablo Avenue directly downgradient of the site. Groundwater may submerge these conduits, and the utility trench backfill may influence groundwater flow or plume migration.
3	**Remediation Status**	
3.1	Remedial Actions Taken	In January 1985, the steel USTs and the product lines were replaced with double-walled fiberglass tanks and double-walled fiberglass product lines. 11 monitoring wells (8 onsite and 3 offsite) were installed between 1989 and 1991. During 1997 site renovations, the staton building was demolished and one 550 gallon waste oil UST, two gasoline dispensers, and associated piping were removed. The 40 cubic yards of soil produced from removal activities was transported to an offsite environmental facility based on elevated lead and soluble lead and/or zinc concentrations detected in samples. A new building was constructed in 1998. During construction, perforated plastic piping was installed beneath the building to facilitate vapor extraction should it become necessary. Monitoring wells MW-3 and MW-6 were destroyed prior to building construction and replaced with new wells MW-3R and 6R.
3.2	Area Remediated	Soil in the vicinity of the USTs, dispensers, and former waste-oil tank.
3.3	Remediation Effectiveness	Approximately 40 cubic yards of contaminated soil were removed.
4	**Well and Sensitive Receptor Survey**	
4.1	Designated Beneficial Groundwater Use	Municipal and domestic water supply, industrial process water supply, industrial service water supply, and agricultural water supply (RWQCB basin plan).

Item	Evaluation Criteria	Comments/Discussion
4.2	Shallow Groundwater Use	Unknown
4.3	Deep Groundwater Use	Unknown
4.4	Well Survey Results	A May 2001 well survey identified four potential receptor wells within a half mile of the site. The closest is a 97-ft deep well of unknown use about 700 ft westward (crossgradient) of the site. The closest downgradient well is a 215-ft deep well of unknown use about one-half mile southwest of the site.
4.5	Likelihood of Impact to Wells	Unlikely, considering the relatively large distance to the nearest downgradient well (one-half mile) and the presence of low permeability sediments (high clay content) that may inhibit plume migration.
4.6	Likelihood of Impact to Surface Water	Unlikely, given that there are no surface water bodies within one-half mile of the site.
4.7	Sensitive Receptors	A May 2001 sensitive receptor survey identified one playground, three schools and six churches, and no hospitals or surface water bodies within one-half mile of the site. The only downgradient school is approximately 1,000 feet from the site. Based on distance and direction between sensitive receptors and the subject site, it is unlikely that petroleum hydrocarbons or MTBE from the subject site will impact sensitive receptors. In addition, low permeability sediments in the shallow water decrease the likelihood of significant plume migration.
5	**Risk Assessment**	
5.1	Site Conceptual Exposure Model (current and future uses)	The site is an active Shell-branded service station with a new building (constructed in 1998) used as a store and commercial training center on the eastern portion of the lot. No changes to site use are currently anticipated. The eastern edge of the plume may extend under the building. There are no other enclosed structures on the site. The plume extends across San Pablo Street west of the site.
5.2	Exposure Pathways	A 1998 RBCA performed prior to the construction of the new building identified soil and/or groundwater volatilization to outdoor and indoor air/commercial inhalation as potential complete onsite exposure pathways. No potential offsite exposure pathways were analyzed.
5.3	Risk Assessment Status	A 1998 RBCA found that the risk associated with onsite exposure to hydrocarbons in soil and groundwater on the site is acceptible.

Item	Evaluation Criteria	Comments/Discussion
5.4	Identified Human Exceedances	No exceedances were identified by the risk assessment.
5.5	Identified Ecological Exceedances	No exceedances were identified by the risk assessment.
6	**Additional Recommended Data or Tasks**	
6.1		

Known Environmental Documents for Site:

July 1, 1998, *Well Installation Report*, Cambria

June 22, 1998, *Risk-Based Corrective Action*, Cambria

March 18, 1998, *Well Abandonment Report*, Cambria

December 15, 1997, *Waste Oil Tank Removal and Gasoline Dispenser/Pipeline Removal Sampling Report*, Cambria

June 20, 1989, *Phase II Hydrogeologic Assessment Report*, Delta Environmental Consultants, Inc.

March 26, 1990, *Well Construction Report*, Delta

August 22, 1989, *Phase I Hydrogeologic Assessment Report*, Delta

July 31, 1989, *Preliminary Hydrologic Assessment Report*, Delta

January 19, 1989, *Hydrogeologic Assessment Work Plan*, Delta

September 1988, *Soil and Groundwater Investigation*, ENSCO Environmental Services, Inc.

Attached:

Latest QM map and tables (2q 01)

Soil analytical data with sample location maps

Well and boring logs and cross-sections

Well survey map and table

Conduit survey map

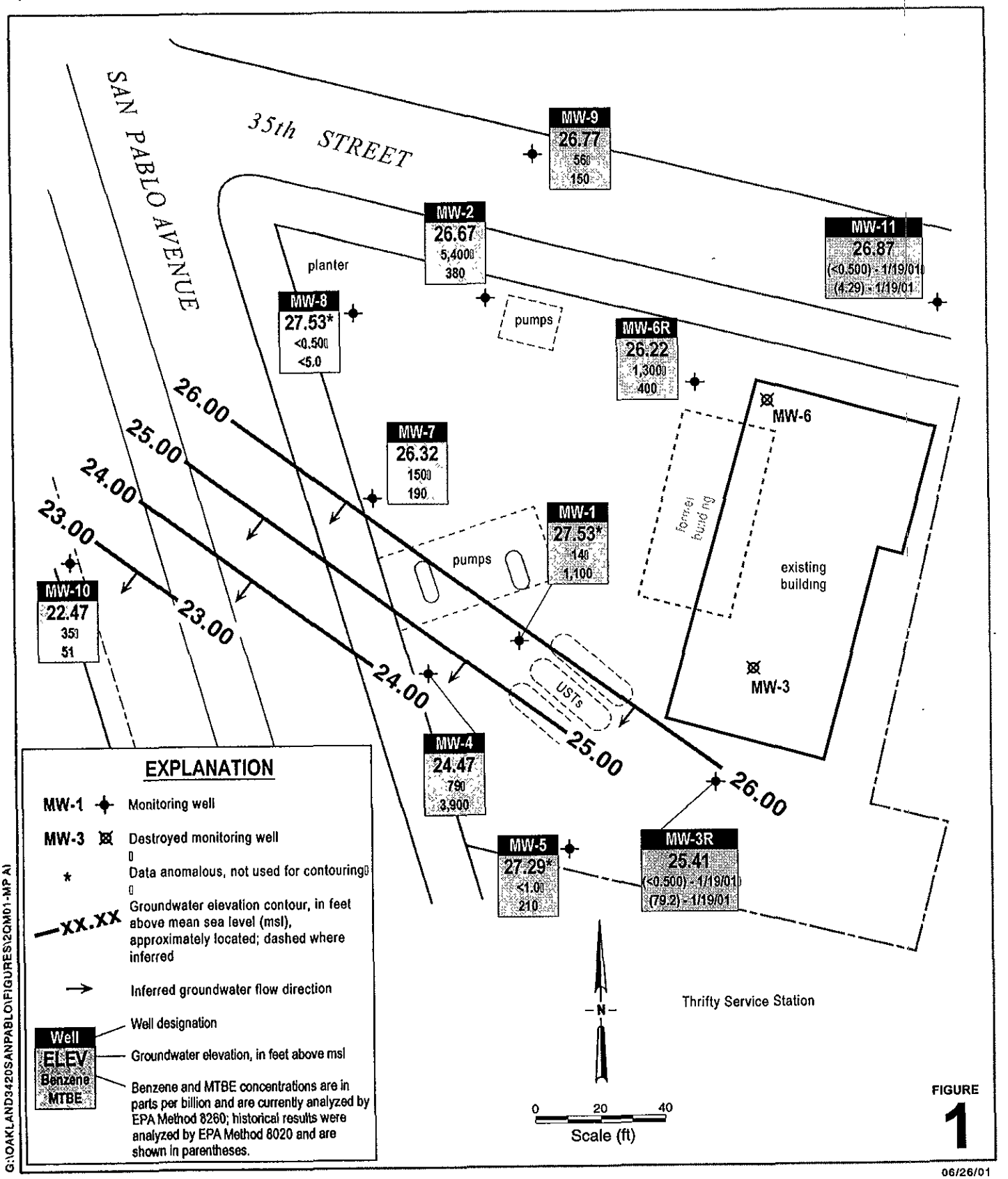

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FIGURE
1

06/26/01

Shell-branded Service Station
3420 San Pablo Avenue
Oakland, California
Incident #98995748

CAMBRIA

Groundwater Elevation Contour Map

April 27, 2001

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)
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-1	10/24/2000	2,330	32.3	<10.0	10.5	27.1	4,900	4,500	21.05	5.18	NA	15.87	NA	1.4
MW-1	01/19/2001	2,000	25.9	24.9	12.5	29.7	2,610	3,070	32.01	3.90	NA	28.11	NA	1.8
MW-1	**04/27/2001**	**2,200**	**14**	**<2.0**	**5.3**	**6.8**	**NA**	**1,100**	**32.01**	**4.48**	**NA**	**27.53**	**NA**	**1.5**
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

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	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
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

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	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-2	10/24/2000	24,400	4,680	<50.0	1,460	2,380	682	NA	21.58	5.88	NA	15.70	NA	2.2
MW-2	01/19/2001	29,200	4,980	127	2,820	4,320	<500	NA	32.54	5.96	NA	26.58	NA	1.4
MW-2	**04/27/2001**	**40,000**	**5,400**	**67**	**2,800**	**5,100**	**NA**	**380**	**32.54**	**5.87**	**NA**	**26.67**	**NA**	**1.1**
MW-3	08/06/1991	430	8	1	4	15	NA	NA	21.78	11.18	NA	10.60	NA	NA
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

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	10/17/1996	<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												
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-3R	10/24/2000	NA	NA	NA	NA	NA	NA	NA	21.83	8.90	NA	12.93	NA	NA
MW-3R	01/19/2001	<50.0	<0.500	<0.500	<0.500	<0.500	79.2	NA	32.79	7.04	NA	25.75	NA	2.0
MW-3R	**04/27/2001**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**32.79**	**7.38**	**NA**	**25.41**	**NA**	**NA**
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

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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-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
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

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	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-4	10/24/2000	2,120	108	8.28	12.5	<5.00	6,070	5,950	20.92	8.90	NA	12.02	NA	1.1
MW-4	01/19/2001	3,330	67.2	<5.00	7.18	<5.00	3,620	4,330	31.88	7.25	NA	24.63	NA	1.8
MW-4	**04/27/2001**	**1,600**	**79**	**<10**	**<10**	**<10**	**NA**	**3,900**	**31.88**	**7.41**	**NA**	**24.47**	**NA**	**1.4**
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
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

WELL CONCENTRATIONS
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3420 San Pablo Avenue
Oakland, CA
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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-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
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-5	10/24/2000	5,170	24.3	12.6	16.5	9.79	130	NA	21.71	5.59	NA	16.12	NA	1.3
MW-5	01/19/2001	4,000	<5.00	17.4	88.1	22.6	371	NA	32.67	5.05	NA	27.62	NA	1.0
MW-5	**04/27/2001**	**3,100**	**<1.0**	**<1.0**	**2.6**	**1.3**	**NA**	**210**	**32.67**	**5.38**	**NA**	**27.29**	**NA**	**1.3**
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

WELL CONCENTRATIONS
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Oakland, CA
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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-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
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

WELL CONCENTRATIONS
Shell-branded Service Station
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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-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-6R	10/24/2000	17,200	1,890	107	869	1,620	1,320	NA	22.19	7.40	NA	14.79	NA	1.1
MW-6R	01/19/2001	15,000	1,120	40.2	1,240	2,230	1,670	NA	33.15	6.16	NA	26.99	NA	1.4
MW-6R	**04/27/2001**	**25,000**	**1,300**	**24**	**1,300**	**2,400**	**NA**	**400**	**33.15**	**6.93**	**NA**	**26.22**	**NA**	**1.0**
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
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

WELL CONCENTRATIONS
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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-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
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-7	10/24/2000	33,500	464	<200	1,600	3,830	<1,000	NA	20.35	4.17	NA	16.18	NA	1.5
MW-7	01/19/2001	1,860,000	<2,000	<2,000	<2,000	5,790	<10,000	NA	31.31	5.18	NA	26.13	NA	1.2
MW-7	**04/27/2001**	**31,000**	**150**	**20**	**1,400**	**3,000**	**NA**	**190**	**31.31**	**4.99**	**NA**	**26.32**	**NA**	**1.4**
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

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	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
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

WELL CONCENTRATIONS
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3420 San Pablo Avenue
Oakland, CA
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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-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-8	10/24/2000	8,620	99.0	12.8	152	366	225	NA	21.15	3.11	NA	18.04	NA	1.0
MW-8	01/19/2001	5,590	49.4	6.50	26.0	57.4	99.5	NA	32.11	5.35	NA	26.76	NA	1.8
MW-8	**04/27/2001**	**3,800**	**<0.50**	**<0.50**	**14**	**31**	**NA**	**<5.0**	**32.11**	**4.58**	**NA**	**27.53**	**NA**	**0.7**
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
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

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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-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
MW-9	10/24/2000	3,090	110	<5.00	46.4	63.3	362	NA	21.19	5.90	NA	15.29	NA	1.0
MW-9	01/19/2001	6,060	180	<5.00	181	164	231	NA	32.15	5.39	NA	26.76	NA	1.2
MW-9	04/27/2001	2,700	56	<0.50	26	46	NA	150	32.15	5.38	NA	26.77	NA	1.2

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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-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)
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-10	10/24/2000	5,070	79.6	46.6	34.2	11.7	242	NA	19.76	7.96	NA	11.80	NA	1.9
MW-10	01/19/2001	Inaccessible		NA	NA	NA	NA	NA	19.76	NA	NA	NA	NA	NA
MW-10	01/30/2001	6,920	362	14.2	22.7	<10.0	138	NA	30.75	7.32	NA	23.43	NA	2.2
MW-10	**04/27/2001**	**12,000**	**35**	**<2.5**	**37**	**6.5**	**NA**	**51**	**30.75**	**8.28**	**NA**	**22.47**	**NA**	**1.2**
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

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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	04/13/1994	<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
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

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-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
MW-11	10/24/2000	NA	NA	NA	NA	NA	NA	NA	22.06	7.45	NA	14.61	NA	NA
MW-11	01/19/2001	<50.0	<0.500	<0.500	<0.500	<0.500	4.29	NA	32.99	5.95	NA	27.04	NA	1.6
MW-11	**04/27/2001**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**32.99**	**6.12**	**NA**	**26.87**	**NA**	**NA**

Abbreviations:
TPPH = Total petroleum hydrocarbons as gasoline by modified EPA Method 8260B; prior to April 27, 2001 analyzed by EPA Method 8015.
BTEX = benzene, toluene, ethylbenzene, xylenes by EPA Method 8260B; prior to April 27, 2001, analyzed 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

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)

Notes:

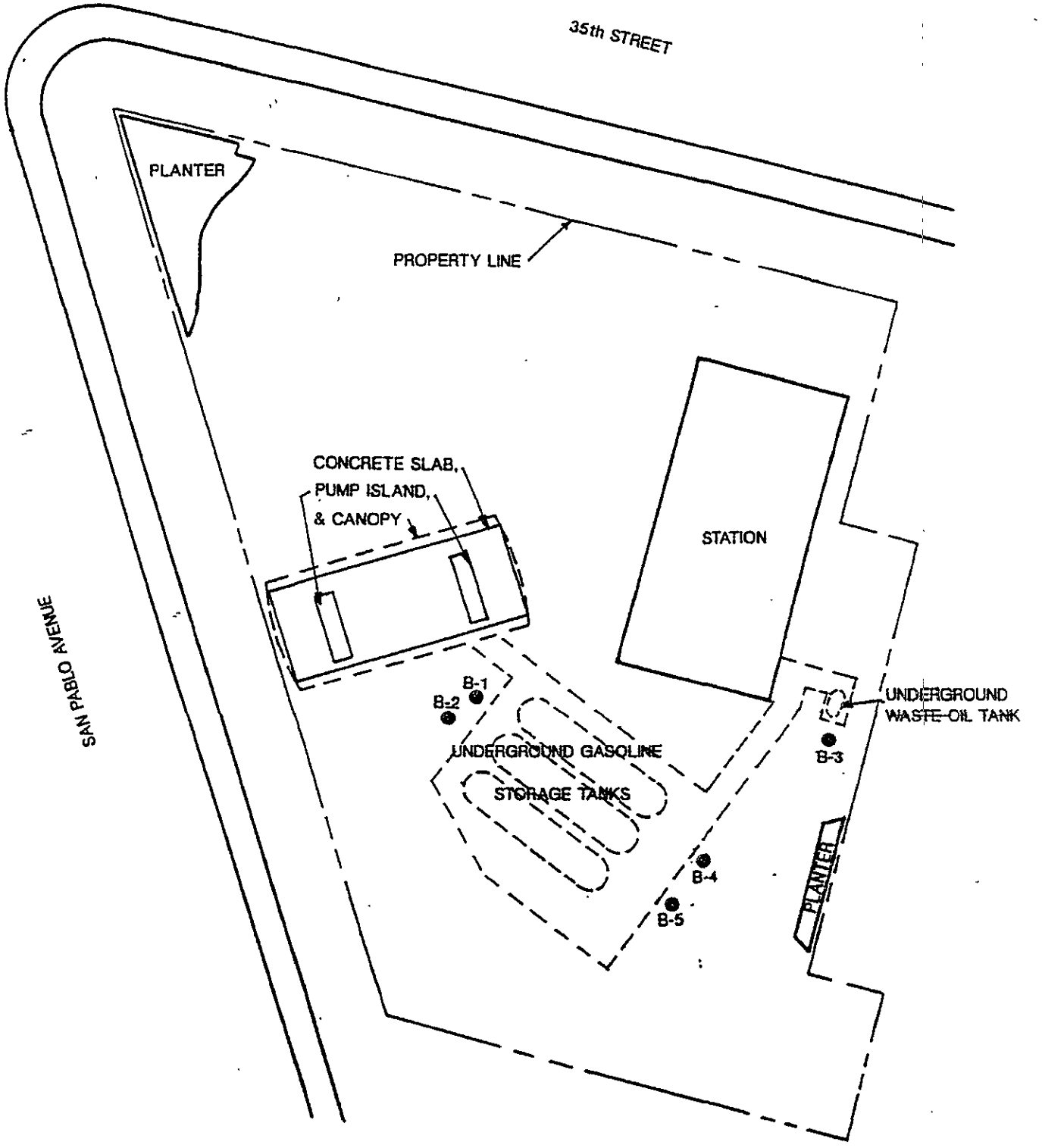
a = Chromatogram pattern indicates an unidentified hydrocarbon.

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.

All wells except MW-11 surveyed February 26, 2001 by Virgil Chavez Land Surveying of Vallejo, California.



LEGEND:

● B-1 SOIL BORING LOCATION

N

0 30'

SCALE

Delta
Environmental
Consultants, Inc.

FIGURE 2
SITE MAP
3420 SAN PABLO AVENUE
OAKLAND, CA.

	DRAWN BY: GHH 1-5-89
JOB NO. 40-88-666	CHK. BY:

TABLE 2

Soil Chemical Analysis
Concentrations in parts per million (ppm)

Sample Number	Sample Depth (ft)	Date Sampled	Benzene	Toluene	Ethyl-benzene	Xylenes	EDB[a]	EDC[b]	TPH[c]	Total Lead
B-1-1[d]	5-5.5	08/08/88	1.90	42.00	43.00	120.00	NA[d]	NA	1,400.00	NA
B-1-2[d]	9.5-10	08/08/88	NA	NA	NA	NA	NA	NA	80.00	NA
B-1-3[d]	15-15.5	08/08/88	NA	NA	NA	NA	NA	NA	<5.0	NA
B-1-4[d]	20-20.5	08/08/88	NA	NA	NA	NA	NA	NA	<5.0	NA
B-2-1[d]	5-5.5	08/08/88	1.50	16.00	35.00	33.00	NA	NA	550.0	NA
B-2-2[d]	10-10.5	08/08/88	0.70	3.30	7.80	48.00	NA	NA	580.00	NA
B-3-1-2-3[d] (composite)	5, 10 and 15	08/08/88	NA	NA	NA	NA	NA	NA	<5.0	NA
B-4-1-2-3[d] (composite)	5, 10 and 15	08/08/88	NA	NA	NA	NA	NA	NA	<5.0	NA
B-5-1-2-3[d] (composite)	5, 10 and 15	08/08/88	NA	NA	NA	NA	NA	NA	<5.0	NA

NOTES:
[a]Ethylene dibromide.
[b]1,2-dichloroethane.
[c]Total petroleum hydrocarbons as gasoline.
[d]Soil samples collected by Ensco Environmental Services, Inc.
[e]Not analyzed.
[f]Not detected.
[g]Soil samples collected by Delta Environmental Consultants, Inc.

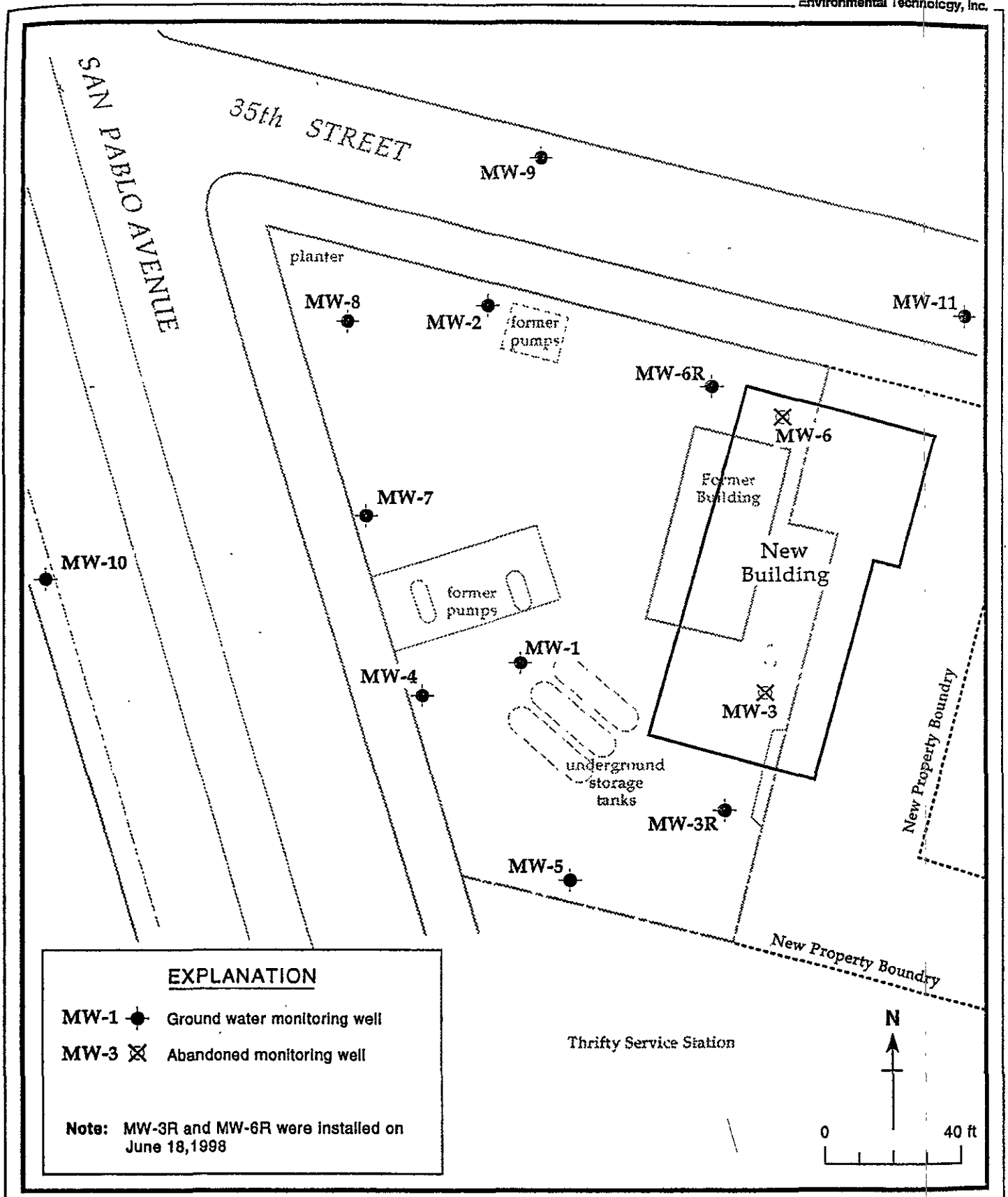


Figure 1. Building and Existing Well Locations - Shell Service Station WIC #204-5508-5306, 3420 San Pablo Avenue, Oakland, California

TABLE 2-Continued

Soil Chemical Analysis
Concentrations in parts per million (ppm)

Sample Number	Sample Depth (ft)	Date Sampled	Benzene	Toluene	Ethyl-benzene	Xylenes	EDB[a]	EDC[b]	TPH[c]	Total Lead
MW-1-1[g]	5.5-6	04/11/89	1.2	14	19	100	<0.2	<0.2	850	4
MW-1-2[g]	10.5-11	04/11/89	<0.05	1.9	1.9	16	<0.5	<0.5	80	3
MW-2-2[g]	10.5-11	04/10/89	0.4	1.5	1.7	15	<0.2	<0.2	70	8
MW-3-2[g]	10.5-11	04/10/89	<0.002	0.010	0.008	0.069	<0.002	<0.002	<0.2	3
MW-4-2[g]	10.5-11	04/10/89	<0.002	0.005	0.004	0.031	<0.002	<0.002	<0.2	2
MW-5-1[g]	5.5-6	01/19/90	ND[f]	ND	ND	ND	NA	NA	5.0	NA
MW-6-1[g]	5.5-6	01/19/90	ND	ND	ND	ND	NA	NA	ND	NA
MW-7-1[g]	5.5-6	01/19/90	0.078	ND	0.21	ND	NA	NA	14	NA
MW-8-1[g]	5.5-6	01/18/90	ND	ND	ND	ND	NA	NA	ND	NA
MW-9-2[g]	10.5-11	01/18/90	ND	ND	0.39	0.14	NA	NA	6.1	NA

NOTES:
[a]Ethylene dibromide.
[b]1,2-dichloroethane.
[c]Total petroleum hydrocarbons as gasoline.
[d]Soil samples collected by Ensco Environmental Services, Inc.
[e]Not analyzed.
[f]Not detected.
[g]Soil samples collected by Delta Environmental Consultants, Inc.

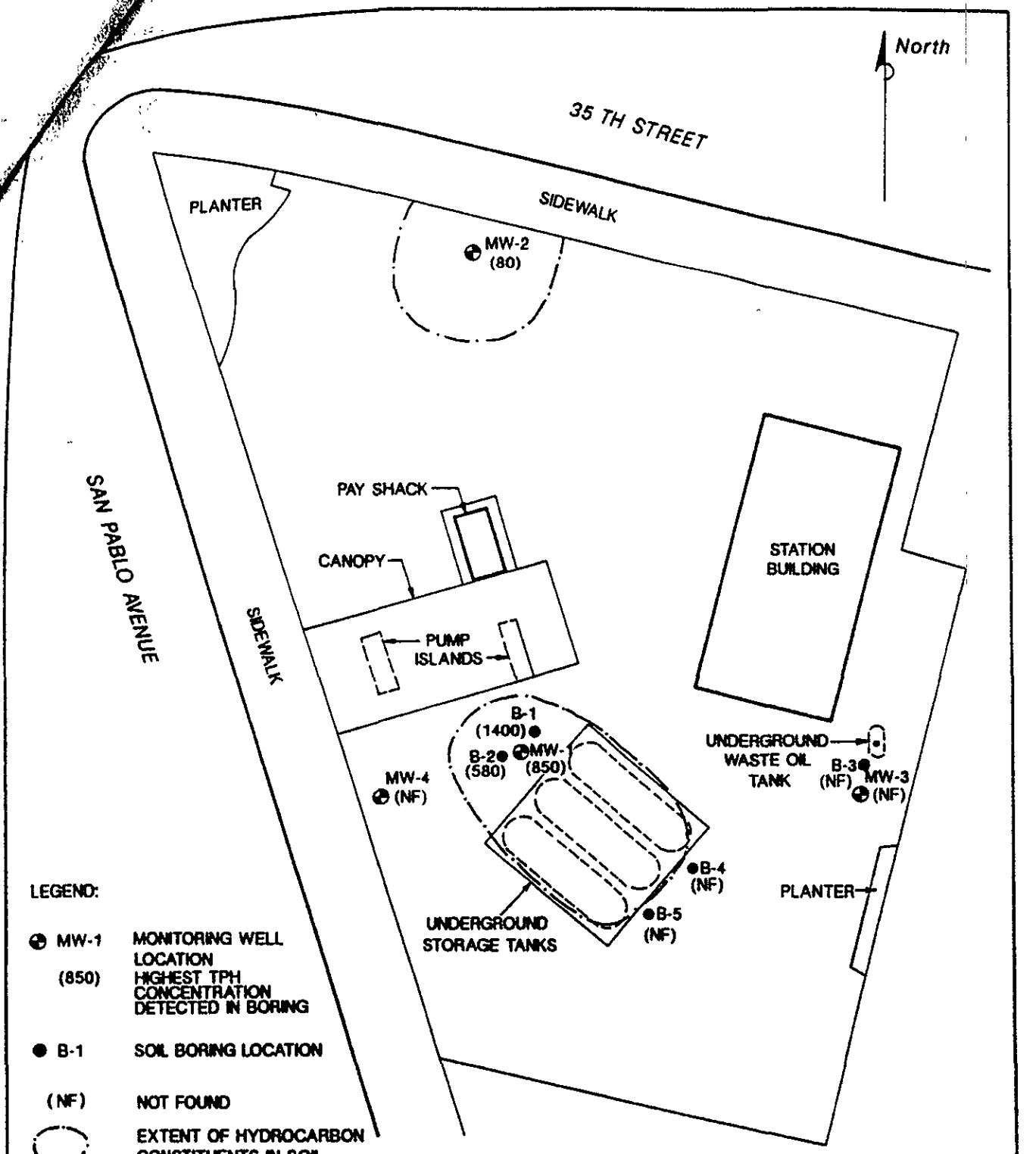


FIGURE 6

INTERPRETED LATERAL EXTENT OF PETROLEUM CONSTITUENTS IN SOIL

3420 SAN PABLO AVENUE

OAKLAND, CA.

PROJECT NO.	PREPARED BY
40-88-666	7/3/89
AUTOCAD NO.	REVIEWED BY
—	

Delta Environmental Consultants, Inc.

SEQUOIA ANALYTICAL
680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Delta Environmental Consultants	Client Project ID:	#40-88-666, Shell	Sampled:	Oct 23, 1991
3330 Data Drive	Matrix Descript:	Soil	Received:	Oct 24, 1991
Rancho Cordova, CA 95670	Analysis Method:	EPA 5030/8015/8020	Analyzed:	10/29-30/91
Attention: Lisa Ranger	First Sample #:	110-4496	Reported:	Nov 2, 1991

TOTAL PETROLEUM FUEL HYDROCARBONS with BTEX DISTINCTION (EPA 8015/8020)

Sample Number	Sample Description	Low/Medium B.P. Hydrocarbons mg/kg (ppm)	Benzene mg/kg (ppm)	Toluene mg/kg (ppm)	Ethyl Benzene mg/kg (ppm)	Xylenes mg/kg (ppm)
110-4496	MW-10-5	1.4	0.015	0.0060	0.010	0.0080
110-4497	MW-10-10	1.8	0.060	N.D.	0.027	0.0070
110-4498	MW-11-5	N.D.	N.D.	N.D.	N.D.	N.D.
110-4499	MW-11-10	N.D.	N.D.	N.D.	N.D.	N.D.
110-4500	A,B,C,D	N.D.	N.D.	N.D.	N.D.	N.D.
Detection Limits:		**1.0**	**0.0050**	**0.0050**	**0.0050**	**0.0050**

Low to Medium Boiling Point Hydrocarbons are quantitated against a gasoline standard.
Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL

Malle A. Springer
Project Manager

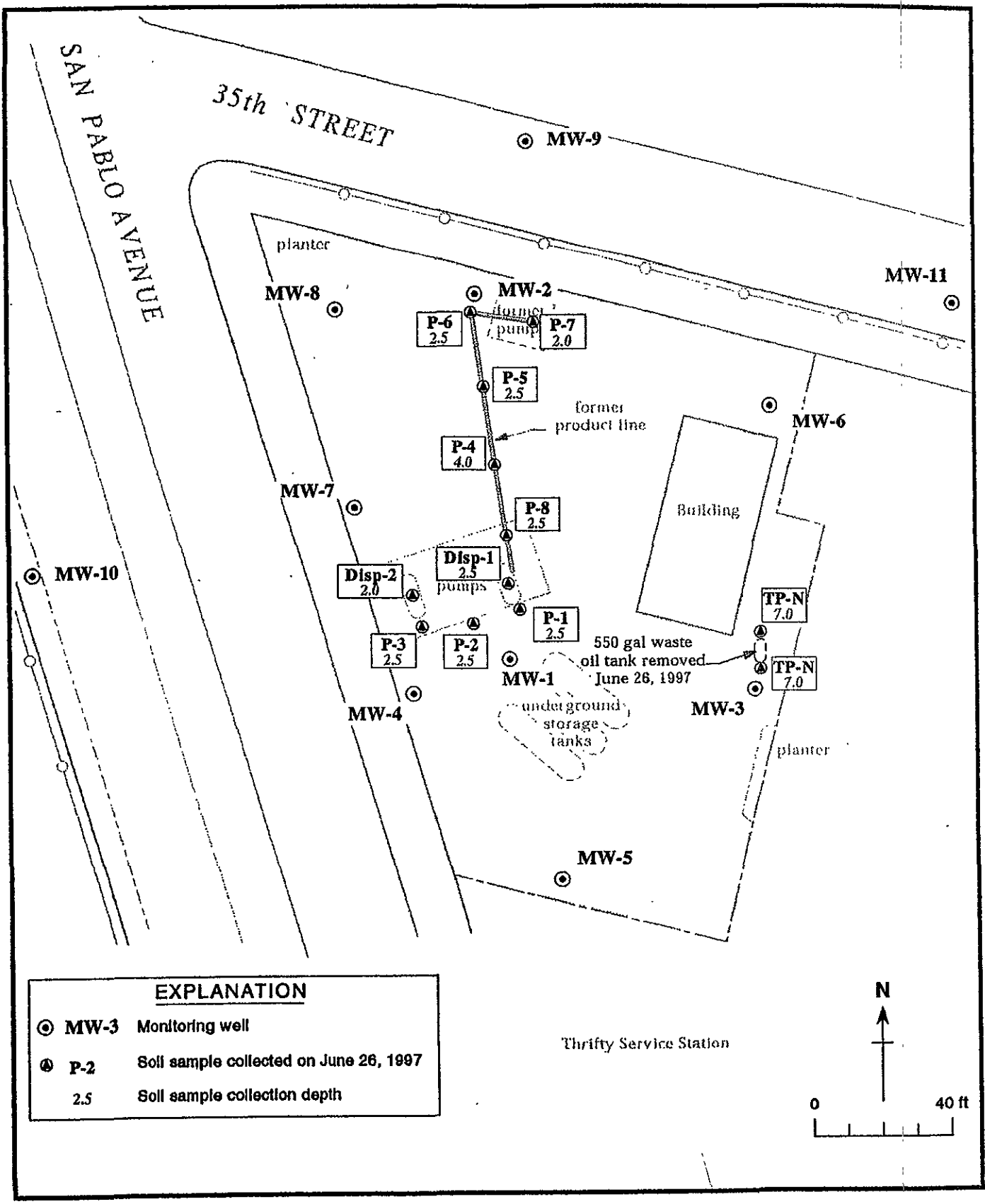


Figure 1. Soil Sampling Locations - Shell Service Station WIC #204-5508-5306, 3420 San Pablo Avenue, Oakland, California

Table 1. Soil Analytic Data - Petroleum Hydrocarbons with BTEX and MTBE - Shell Service Station WIC# 204-5508-5306, 3240 San Pablo Avenue, Oakland, California

Sample ID	Sample Location	Date Sampled	TPPH as Gas (mg/kg)	MTBE (mg/kg)	Benzene (mg/kg)	Tolulene (mg/kg)	Ethyl Benzene (mg/kg)	Xylenes (mg/kg)	TEPH as Diesel (mg/kg)	Notes
Disp-1-2.5	Dispensers	6/26/97	8.4	1.6	0.054	0.046	0.0094	0.21	—	
Disp-2-2.0	Dispensers	6/26/97	51	7.9	0.075	1.6	0.38	1.6	—	
TP-N-7	Waste Oil Tank Pit	6/26/97	<1.0	<0.025	<0.0050	<0.0050	<0.0050	<0.0050	—	a,b
TP-S-7	Waste Oil Tank Pit	6/26/97	<1.0	<0.025	<0.0050	<0.0050	<0.0050	<0.0050	—	a,b
P-1-2.5	Product Lines	6/26/97	39	0.82	0.13	0.051	0.012	0.032	—	
P-2-2.5	Product Lines	6/26/97	17	0.33	0.035	0.079	0.063	0.11	—	
P-3-2.5	Product Lines	6/26/97	16	0.092	0.028	0.059	0.019	0.026	—	
P-4-4.0	Product Lines	6/26/97	19	<0.050	0.041	0.053	<0.010	0.078	—	
P-5-4.0	Product Lines	6/26/97	3.1	0.028	0.016	0.0054	<0.0050	0.018	—	
P-6-2.5	Product Lines	6/26/97	<1.0	<0.025	<0.0050	<0.0050	<0.0050	<0.0050	—	
P-7-2.0	Product Lines	6/26/97	4.5	<0.025	0.040	0.0097	0.0095	0.053	—	
P-8-2.5	Product Lines	6/26/97	120	<0.62	<0.12	0.43	0.33	0.42	—	
SP-(1,2,3,4) Comp	Tank Stock Pile	6/26/97	—	—	<0.0050	<0.0050	<0.0050	<0.0050	—	c,d,e,f
SP-5	Piping Stock Pile	6/26/97	5.6	—	0.046	0.012	0.025	0.088	250	
SP-6	Piping Stock Pile	6/26/97	1.2	—	0.028	0.012	0.015	0.046	290	
SP-7	Piping Stock Pile	6/26/97	5.5	—	<0.0050	0.011	0.011	0.053	340	
SP-8	Piping Stock Pile	6/26/97	3.5	—	0.087	0.11	0.037	0.025	140	

Table 1. Soil Analytic Data - Petroleum Hydrocarbons with BTEX and MTBE - Shell Service Station WIC# 204-5508-5306, 3240 San Pablo Avenue, Oakland, California

Sample ID	Sample Location	Date Sampled	TPPH as Gas (mg/kg)	MTBE (mg/kg)	Benzene (mg/kg)	Tolulene (mg/kg)	Ethyl Benzene (mg/kg)	Xylenes (mg/kg)	TEPH as Diesel (mg/kg)	Notes

Abbreviations

TPPH as Gas = Total Purgeable Petroleum Hydrocarbon as Gasoline by Modified EPA Method 8015
TEPH as Diesel = Total Extractable Petroleum Hydrocarbons as Diesel by Modified EPA Method 8015
Benzene, Tolulene, Ethyl Benzene, and Xylenes by EPA Method 8020
MTBE = Methyl tert-Butyl Ether by EPA Method 8020
TCLP = Toxicity Characteristic Leaching Procedure
mg/kg = milligrams per kilogram
<n = Below detection limit of n mg/kg
— = Not Analyzed

Notes

a = All Halogenated Volatile Organics EPA Method 8010 were below detection limits
b = Fuel Fingerprint : Motor Oil by Modified EPA Method 8015 was below detection limit
c = All Polychlorinated Biphenyls by EPA Method 8080 were below detection limits
d = TCLP Metal Barium detected at 0.80 mg/L by EPA Method 6010/7470, all other analytes tested below detection limits
e = All TCLP Semivolatiles by EPA Method 8270 were below detection limits
f = All TCLP Volatiles by EPA Method 8240 were below detection limits

Table 2. Soil Analytic Data - TRPH, Cyanide: Reactive, Sulfide: Reactive, pH, and Organic Lead - Shell Service Station WIC# 204-5508-5306, 3240 San Pablo Avenue, Oakland, California

Sample ID	Sample Location	Date Sampled	TRPH (mg/kg)	Cyanide: Reactive (mg/kg)	Sulfide: Reactive (mg/kg)	pH	Organic Lead (mg/kg)
SP-1	Tank Stock Pile	6/26/97	<15	—	—	—	—
SP-2	Tank Stock Pile	6/26/97	<15	—	—	—	—
SP-3	Tank Stock Pile	6/26/97	<15	—	—	—	—
SP-4	Tank Stock Pile	6/26/97	<15	—	—	—	—
SP-(1,2,3,4) Comp	Tank Stock Pile	6/26/97	—	<0.50	<13	7.5	—
SP-(5,6,7,8) Comp	Piping Stock Pile	6/26/97	—	—	—	—	<5.0

Abbreviations and Notes:
TRPH = Total Recoverable Petroleum Hydrocarbons by EPA Method 418.1
Cyanide: Reactive by EPA Method SW-846, Chapter 7, Section 7.3
Sulfide: Reactive by EPA Method 9030
Organic Lead by California LUFT Method
mg/kg = milligrams per kilogram
<n = Below detection limit of n mg/kg
— = Not Analyzed

Table 3. Soil Analytic Data - Total Metals - Shell Service Station WIC# 204-5508-5306, 3240 San Pablo Avenue, Oakland, California

Sample ID	Sample Location	Date Sampled	Cadmium (mg/kg)	Chromium (mg/kg)	Lead (mg/kg)	Nickel (mg/kg)	Zinc (mg/kg)
Disp-1-2.5	Dispensers	6/26/97	---	---	5.8	---	---
Disp-2-2.0	Dispensers	6/26/97	---	---	9.6	---	---
TP-N-7	Waste Oil Tank Pit	6/26/97	<0.5	18	<5.0	14	16
TP-S-7	Waste Oil Tank Pit	6/26/97	<0.5	38	6.4	34	33
P-1-2.5	Product Lines	6/26/97	---	---	7.4	---	---
P-2-2.5	Product Lines	6/26/97	---	---	7.4	---	---
P-3-2.5	Product Lines	6/26/97	---	---	6.9	---	---
P-4-4.0	Product Lines	6/26/97	---	---	7.4	---	---
P-5-4.0	Product Lines	6/26/97	---	---	7.4	---	---
P-6-2.5	Product Lines	6/26/97	---	---	33	---	---
P-7-2.0	Product Lines	6/26/97	---	---	2,000	---	---
P-8-2.5	Product Lines	6/26/97	---	---	8.2	---	---

Abbreviations and Notes:
Total Metals by EPA Method 6010
mg/kg = milligrams per kilogram
<n = Below detection limit of n mg/kg
--- = Not Analyzed

EXPLORATORY BORING LOG

ensco environmental services, inc.

PROJECT NAME: SHELL STATION
3420 SAN PABLO AVE.
OAKLAND, CA

PROJECT NUMBER: 1859G

BORING NO. B-1

DATE DRILLED: 8/8/88

LOGGED BY: RAG

DEPTH (ft.)	SAMPLE No	BLOWS/FOOT 140 ft/lbs.	UNIFIED SOIL CLASSIFICATION	SOIL DESCRIPTION	WATER LEVEL	OVA READING ppm
				Asphalt - 2", baserock - 4"		
1-4			CL	SILTY CLAY, very dark gray (7.5YR 3/0), slight petroleum odor, moderately high plasticity, stiff, moist		
5	B-1-1	27	CH	SILTY CLAY, dark gray (10YR 4/1), some angular brown gravel sized fragments, petroleum odor, moderately high plasticity, very stiff, moist,		155
6-8			CL	SILTY CLAY, olive gray to gray (5Y 5/2 to 7.5Y 5/0), localized fine grained sands, some angular gravel up to 1.5" across, petroleum odor, moderate plasticity, very stiff, moist		
9						150
10	B-1-2	32				
11-12						-
13-14			CL	SANDY CLAY, mottled browns (10YR 5/4 to 10YR 5/8),some fine to medium sands and angular, medium gravels, no petroleum odor, stiff, moist to very moist		
15	B-1-3	13				0
16-17						
18			CL	SILTY CLAY, mottled reddish yellow to light yellow (7.5YR 6/8 to 2.5Y 6/4), locally sandy areas, some gravels, no petroleum odor, very stiff, moist to very moist	▽	
19				8/8/88, Groundwater encountered - 19 ft.		
20	B-1-4	32				0
21				Bottom of boring =20.5 feet		

SUPERVISED AND APPROVED BY R.G./C.E.G.

EXPLORATORY BORING LOG

ensco environmental services, inc.

PROJECT NAME: SHELL STATION
3420 SAN PABLO AVE.
OAKLAND, CA

PROJECT NUMBER: 1859G

BORING NO. B-2

DATE DRILLED: 8/8/88

LOGGED BY: RAG

DEPTH (ft.)	SAMPLE No	BLOWS/FOOT 140 ft/lbs.	UNIFIED SOIL CLASSIFICATION	SOIL DESCRIPTION	WATER LEVEL	OVA READING ppm
				Asphalt - 2", baserock - 9"		
1-4			CH	SILTY CLAY, very dark gray (7.5 3/0), some fine grained sands and gravels, moderately high plasticity, petroleum odor, stiff, moist		
5	B-2-1	30	CL	SILTY CLAY to SANDY CLAY, gray (2.5Y 5/0), fine grained sands, some subangular gravels up to 0.5" across, petroleum odor, very stiff, moist		230
7-9			CL	SILTY CLAY, mottled light gray to grayish brown (7.5YR 6/0 to 10YR 5/2), some medium to coarse grained sands and gravels up to 0.5" across, petroleum odor, very stiff, moist	▽ 8/8/88, Groundwater encountered - 8 ft.	
10	B-2-2	30				210
				Bottom of boring = 10.5 feet		
11-21						

SUPERVISED AND APPROVED BY R.G./C.E.G.

ensco environmental services, inc.

PROJECT NAME: SHELL STATION
3420 SAN PABLO AVE.
OAKLAND, CA

PROJECT NUMBER: 1859G

BORING NO. B-3

DATE DRILLED: 8/8/88

LOGGED BY: RAG

DEPTH (ft.)	SAMPLE No	BLOWS/FOOT 140 ft/lbs.	UNIFIED SOIL CLASSIFICATION	SOIL DESCRIPTION	WATER LEVEL	OVA READING ppm
				Asphalt - 2", baserock - 6"		
1-4			CH	SILTY CLAY, very dark gray (7.5YR 3/0), localized fine grained sands, no petroleum odor, moderately high plasticity, stiff, moist		
5	B-3-1	30	CH	SILTY CLAY, mottled strong brown to brownish yellow (7.5YR 6/6 to 7.5YR 6/5), localized fine grained sands and angular to subangular gravels up to 0.5" across, no petroleum odor, moderately high plasticity, very stiff, moist		0
10	B-3-2	25				0
13			CL	SANDY CLAY, mottled brownish yellow to yellowish brown (10YR 6/6 to 10YR 5/8), *fine grained sands*, no petroleum odor, stiff, moist to very moist		-
15	B-3-3	16				0
17			CL-SC	SANDY CLAY to CLAYEY SAND, *mottled light gray to* dark brown (10YR 7/1 to 10YR 3/8), fine grained sands up to 60%, no petroleum odor, stiff to medium dense, wet		
19				8/8/88, Groundwater encountered - 19 ft.	▽	
20	B-3-4	16				0
21				Bottom of boring = 20.5 feet		

SUPERVISED AND APPROVED BY R.G./C.E.G. [signature]

ensco environmental services, inc.

PROJECT NAME: SHELL STATION
3420 SAN PABLO AVE.
OAKLAND, CA

PROJECT NUMBER: 1859G

BORING NO. B-4

DATE DRILLED: 8/8/88

LOGGED BY: RAG

DEPTH (ft.)	SAMPLE No	BLOWS/FOOT 140 ft/lbs.	UNIFIED SOIL CLASSIFICATION	SOIL DESCRIPTION	WATER LEVEL	OVA READING ppm
				Asphalt - 2", baserock - 4"		
1-4			CH	SILTY CLAY, very dark gray (7.5YR 3/0), localized fine grained sands, no petroleum odor, moderately high plasticity, stiff, moist		
5	B-4-1	24	CL	SANDY CLAY, mottled gray to strong brown (7.5YR 5/0 to 7.5YR 5/6), fine to medium grained sands up to 40%, angular to subangular gravels up to 0.5" across, locally very sandy and gravelly, no petroleum odor, very stiff, moist		0
6-9			CL	SANDY CLAY, mottled brown to yellowish brown (10YR 5/3 to 10YR 5/6), fine grained sand, locally very sandy and very clayey, no petroleum odor, hard, moist		
10	B-4-2	35				0
11-13						
14				Localized very gravelly beds, very stiff		
15	B-4-3	18		Root holes containing free water		0
16-17						
18				8/8/88, Groundwater encountered - 19 ft.	▽	
19						
20	B-4-4	30				0
21				Bottom of boring = 20.5 feet		

SUPERVISED AND APPROVED BY R.G./C.E.G.

ensco environmental services, inc.

EXPLORATORY BORING LOG

PROJECT NAME: SHELL STATION
3420 SAN PABLO AVE.
OAKLAND, CA

PROJECT NUMBER: 1859G

BORING NO. B-5

DATE DRILLED: 8/8/88

LOGGED BY: RAG

DEPTH (ft.)	SAMPLE No	BLOWS/FOOT 140 ft/lbs.	UNIFIED SOIL CLASSIFICATION	SOIL DESCRIPTION	WATER LEVEL	OVA READING ppm
				Asphalt - 2", baserock - 4"		
1-4			CH	SILTY CLAY, very dark gray (7.5YR 3/0), localized fine grained sands, no petroleum odor, moderately high plasticity, stiff, moist		
5	B-5-1	28	CL	SANDY CLAY, mottled grayish brown to yellowish brown (10YR 5/2 to 10YR 5/6), fine to coarse sand up to 40%, locally abundant gravels up to 0.5" across, no petroleum odor, very stiff, moist		0
6-8						
9			CL	SANDY CLAY, mottled gray to brownish yellow (10YR 6/1 to 10YR 6/6), fine grained sands up to 30%, root holes, no petroleum odor, low plasticity, hard, moist		
10	B-5-2	38				0
11-13						
14			CL	SANDY CLAY, mottled yellow browns (10YR 5/4 to 10YR 5/8), fine grained sands up to 40%, locally abundant gravels up to 0.5" across, no petroleum odor, stiff, moist to very moist, free water in root holes		
15	B-5-3	13				0
16-18						
19				8/8/88, Groundwater encountered - 19 ft.	▽	
20	B-5-4	23		Decreasing sand, very stiff		0
21				Bottom of boring = 20.5 feet		

SUPERVISED AND APPROVED BY R.G./C.E.G.

PROJECT NAME / LOCATION	PROJECT NUMBER: 40-88-666	BORING NUMBER: MW-1	SHEET 1 OF 2
3420 San Pablo Avenue Oakland, CA	CONTRACTOR: West Hazmat Drilling		DRILLING METHOD: H.S.A.
	DRILLER: Randy Reidhead		DRILLING RIG: CME-55
	START: 8:00		COMPLETED: 4-11-89/10:30
LAND OWNER: Shell Oil Company	SURFACE ELEVATION: 100.00 (relative)		LOGGED BY: Hal Hansen

SAMPLE TYPE	SAMPLE NUMBER	BLOW COUNTS	SAMPLE INT (ft)	SAMPLE REC (in)	DEPTH SCALE 1"= 4'	DESCRIPTIONS OF MATERIALS AND CONDITIONS	CONTAMINANT OBSERVATION INSTRUMENT: UNITS: Tip	GENERAL OBSERVATION NOTES Odor
					1	ASPHALT AND ROAD BASE		
					2	CLAY; very dark gray, highly plastic, slightly moist, no sand (CH)		
					3			
					4			
CA	MW1 1	9/ 12/ 15	5.0- 6.5	18	5	SANDY CLAY; dark greenish gray, moderately plastic, slightly moist, sand fine to coarse, some gravel toward the bottom of the unit (CL)	1100	Strong odor
					6			
					7			
					8			
					9			
CA	MW1 2	12/ 15/ 18	10.0- 11.5	18	10		375	Slight odor
					11			
					12			
					13			
					14			
CA	MW1 3	6/6/ 9	15.0- 16.5	17	15	SILTY CLAY; dark yellowish brown, moderately plastic, very moist, stiff, some gravel at the bottom of unit (CL)	30	Slight odor
					16			
					17			
					18			
					19			
CA	MW1 4	11/ 15/ 21	20.0- 21.5	15	20		3	Very slight odor
					21			
					22			
					23			

WATER LEVEL DATA			
DATE			
TIME			
GWL			
CASING DEPTH			

PROFESSIONAL GEOLOGIST

SIGNATURE

TYPED NAME

PROJECT NAME / LOCATION	PROJECT NUMBER: 40-88-666	BORING NUMBER: MW-1	SHEET 2 OF 2
3420 San Pablo Avenue Oakland, CA	CONTRACTOR: West Hazmat		DRILLING METHOD: H.S.A.
	DRILLER: Randy Reidhead		DRILLING RIG: CME-55
	START: 8:00/4-11-89		COMPLETED: 10:30/4-11-89
LAND OWNER: Shell Oil Company	SURFACE ELEVATION: 100.00 (relative)		LOGGED BY: Hal Hansen

SAMPLE TYPE	SAMPLE NUMBER	BLOW COUNTS	SAMPLE INT (ft)	SAMPLE REC (in)	DEPTH SCALE 1"= 4'	DESCRIPTIONS OF MATERIALS AND CONDITIONS	CONTAMINANT OBSERVATION / INSTRUMENT: / UNITS: Tip	GENERAL OBSERVATION NOTES
CA	MW1 6	12/ 14/ 20	25.0- 26.5	6	25	GRAVELLY SAND; brown, very coarse sand, saturated, gravel 1/2 inch to 1/4 inch, minor plastic fines (SW)	Lost sample	No odor
					26			
					27	Total Depth 25.0 feet		
					28			
					29			
					30			
					31			
					32			
					33			
					34			
					35			
					36			
					37			
					38			
					39			
					40			
					41			
					42			
					43			
					44			
					45			
					46			
					47			

WATER LEVEL DATA			
DATE			
TIME			
GWL			
CASING DEPTH			

PROFESSIONAL GEOLOGIST

SIGNATURE

TYPED NAME

PROJECT NAME / LOCATION	PROJECT NUMBER: 40-88-666	BORING NUMBER: MW-2	SHEET 1 OF 1
3420 San Pablo Avenue Oakland, CA	CONTRACTOR: West Hazmat		DRILLING METHOD: H.S.A.
	DRILLER: Randy Reidhead		DRILLING RIG: CME-55
	START: 8:00/4-10-89		COMPLETED: 9:45/4-10-89
LAND OWNER: Shell Oil Company	SURFACE ELEVATION: 100.29 (relative)		LOGGED BY: Hal Hansen

SAMPLE TYPE	SAMPLE NUMBER	BLOW COUNTS	SAMPLE INT (ft)	SAMPLE RECOV (in)	DEPTH SCALE 1"= 4'	DESCRIPTIONS OF MATERIALS AND CONDITIONS	CONTAMINANT OBSERVATION INSTRUMENT: UNITS: Tip	GENERAL OBSERVATION NOTES
					1	ASPHALT AND ROAD BASE		
					2	CLAY; very dark gray, highly plastic, slightly moist, no sand (CH)		
					3			
					4			
CA	MW2 1	6/ 19/ 19	5.0- 6.5	18	5	SANDY CLAY; dark greenish gray, moderately low plasticity, slightly moist, sand grades to gravel at bottom of the unit (CL)	25	Moderate odor
					6			
					7			
					8			
					9			
CA	MW2 2	9/ 10/ 14	10.0- 11.5	17	10		75	Moderate odor
					11			
					12			
					13			
					14			
CA	MW2 3	4/5/ 7	15.0- 16.5	16	15	SILTY CLAY; dark yellowish brown, moderately low plasticity, moist stiff gravel toward bottom of the unit (CL)	0	No odor
					16			
					17			
					18			
					19			
CA	MW2 4	12/ 26/ 35	20.0- 21.5	17	20	Total Depth 20.0 feet	0	No odor
					21			
					22			
					23			

WATER LEVEL DATA			
DATE			
TIME			
GWL			
CASING DEPTH			

PROFESSIONAL GEOLOGIST

SIGNATURE

TYPED NAME

PROJECT NAME / LOCATION	PROJECT NUMBER: 40-88-666	BORING NUMBER: MW-3	SHEET 1 OF 2
3420 San Pablo Avenue Oakland, CA	CONTRACTOR: West Hazmat		DRILLING METHOD: H.S.A.
	DRILLER: Randy Reidhead		DRILLING RIG: CME-55
	START: 11:00/4-10-89		COMPLETED: 1:00/4-10-89
LAND OWNER: Shell Oil Company	SURFACE ELEVATION: 100.00 (relative)		LOGGED BY: Hal Hansen

SAMPLE TYPE	SAMPLE NUMBER	BLOW COUNTS	SAMPLE INT (ft)	SAMPLE RECOV (in)	DEPTH SCALE 1"= 4'	DESCRIPTIONS OF MATERIALS AND CONDITIONS	CONTAMINANT OBSERVATION INSTRUMENT: UNITS: Tip	GENERAL OBSERVATION NOTES
					1	ASPHALT AND ROAD BASE		
					2	CLAY; very dark gray, highly plastic, slightly moist, no sand (CH)		
					3			
					4			
CA	MW3-1	8/13/13	5.0-6.5	18	5		0	No odor
					6	SILTY CLAY; olive brown with light olive brown mottles, moderately high plasticity, slighty moist (CL)		
					7			
					8			
					9			
CA	MW3-2	13/23/21	10.0-11.5	18	10		0	No odor
					11			
					12			
					13			
					14			
CA	MW3-3	11/14/15	15.0-16.5	17	15	SANDY CLAY; yellowish brown, moderately low plasticity, moist, fine sands (CL)	0	No odor
					16			
					17			
					18			
					19			
CA	MW3-4	3/8/15	20.0-21.5	15	20		0	No odor
					21			
					22			
					23			

WATER LEVEL DATA			
DATE			
TIME			
GWL			
CASING DEPTH			

PROFESSIONAL GEOLOGIST

SIGNATURE

TYPED NAME

PROJECT NAME / LOCATION	PROJECT NUMBER: 40-88-666	BORING NUMBER: MW-3	SHEET 2 OF 2
3420 San Pablo Avenue Oakland, CA	CONTRACTOR: West Hazmat Drilling		DRILLING METHOD: H.S.A.
	DRILLER: Randy Reidhead		DRILLING RIG: CME-55
	START: 11:00/4-10-89		COMPLETED: 1:00/4-10-89
LAND OWNER: Shell Oil Company	SURFACE ELEVATION:100.50' (relative)		LOGGED BY: Hal Hansen

SAMPLE TYPE	SAMPLE NUMBER	BLOW COUNTS	SAMPLE INT (ft)	SAMPLE REC OV (in)	DEPTH SCALE 1"= 4'	DESCRIPTIONS OF MATERIALS AND CONDITIONS	CONTAMINANT OBSERVATION / INSTRUMENT: / UNITS:	GENERAL OBSERVATION NOTES: Odor
CA	MW3-5	25/25/42	25.0-26.5	14	24–25	GRAVELLY SAND; brown, coarse sand, gravel, saturated, minor plastic fines (SW)	0	No odor
CA	MW3-6	18/23/39	30.0-31.5	15	30	Total Depth 30.0 feet	0	No odor

23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45

WATER LEVEL DATA			
DATE			
TIME			
GWL			
CASING DEPTH			

PROFESSIONAL GEOLOGIST

SIGNATURE

TYPED NAME

PROJECT NAME / LOCATION	PROJECT NUMBER: 40-88-666	BORING NUMBER: MW-4	SHEET 1 OF 2
3420 San Pablo Avenue Oakland, CA	CONTRACTOR: West Hazmat Drilling		DRILLING METHOD: H.S.A.
	DRILLER: Randy Reidhead		DRILLING RIG: CME-55
	START: 2:30/4-10-89		COMPLETED: 6:30/4-10-89
LAND OWNER: Shell Oil Company	SURFACE ELEVATION: 99.03' (relative)		LOGGED BY: Hal Hansen

SAMPLE TYPE	SAMPLE NUMBER	BLOW COUNTS	SAMPLE INT (ft)	SAMPLE REC (in)	DEPTH SCALE 1"= 4'	DESCRIPTIONS OF MATERIALS AND CONDITIONS	CONTAMINANT OBSERVATION INSTRUMENT: UNITS:	GENERAL OBSERVATION NOTES Odor
					1	ASPHALT AND ROAD BASE		
					2	LEAN CLAY; very dark gray, highly plastic, slightly moist, no sand (CH)		
					3			
					4			
CA	MW4-1	17/25/32	5.0-6.5	18	5		7	Slight odor
					6	SILTY CLAY; dark greenish gray, medium plasticity, slightly moist, some gravel (CL)		
					7			
					8			
					9			
CA	MW4-2	6/8/12	10.0-11.5	17	10	SILTY CLAY; dark yellowish brown, dark greenish-gray, mottles, moderately plastic, moist (CL)	0	No odor
					11			
					12			
					13			
					14			
CA	MW4-3	8/9/12	14.0-16.5	17	15	SANDY CLAY; yellowish brown, moderately plastic, moist, fine sand, grades to a coarse sand at the bottom of the unit (CL)	0	No odor
					16			
					17			
					18			
					19			
CA	MW4-4	9/8/24	20.0-21.5	15	20		0	No odor
					21			
					22			
					23			

WATER LEVEL DATA			
DATE			
TIME			
GWL			
CASING DEPTH			

PROFESSIONAL GEOLOGIST

SIGNATURE

TYPED NAME

PROJECT NAME / LOCATION	PROJECT NUMBER: 40-88-666	BORING NUMBER: MW-4	SHEET 2 OF 2
3420 San Pablo Avenue Oakland, CA	CONTRACTOR: West Hazmat Drilling		DRILLING METHOD: H.S.A.
	DRILLER: Randy Reidhead		DRILLING RIG: CME-55
	START: 2:30/4-10-89		COMPLETED: 6:30/4-10-89
LAND OWNER: Shell Oil Company	SURFACE ELEVATION: 99.03 (relative)		LOGGED BY: Hal Hansen

SAMPLE TYPE	SAMPLE NUMBER	BLOW COUNTS	SAMPLE INT (ft)	SAMPLE RECOV (in)	DEPTH SCALE 1"= 4'	DESCRIPTIONS OF MATERIALS AND CONDITIONS	CONTAMINANT OBSERVATION / INSTRUMENT: / UNITS:	GENERAL OBSERVATION NOTES: Odor
CA	MW4-5	25/24/30	25.0-26.5	16	24–25	GRAVELLY SAND; brown, coarse sand, saturated, gravel 1/2" to 1", some plastic fines (SW)	0	No odor
CA	MW4-6	19/22/37	30.0-31.5	17	30	Total Depth 31.5	0	No odor

WATER LEVEL DATA			
DATE			
TIME			
GWL			
CASING DEPTH			

PROFESSIONAL GEOLOGIST

SIGNATURE

TYPED NAME

PROJECT NAME / LOCATION	PROJECT NUMBER: 40-88-666	BORING NUMBER: MW-5	SHEET 1 OF 2
Oakland Shell 3420 San Pablo Avenue Oakland, CA	CONTRACTOR: West Hazmat Drilling		DRILLING METHOD: H.S.A.
	DRILLER: Randy Reidhead		DRILLING RIG: CME-75
	START: 12:15/01-19-90		COMPLETED: 2:40/01-19-90
LAND OWNER: Shell Oil Company	SURFACE ELEVATION: 20.91		LOGGED BY: Hal Hansen

SAMPLE TYPE	SAMPLE NUMBER	BLOW COUNTS	SAMPLE INTERVAL(ft)	SAMPLE RECOV(in)	DEPTH SCALE 1"= 4'	DESCRIPTIONS OF MATERIALS AND CONDITIONS	CONTAMINANT OBSERVATION / INSTRUMENT: OVM UNITS: ppm	GENERAL OBSERVATION NOTES
					1	Asphalt road base		
					2	CLAY; very dark gray, highly plastic, slightly moist (CH)		
					3			
					4			
CA	MW-5-1	9/12/38	5.0-6.5	18	5	SANDY CLAY; yellowish brown, moderately plastic, slightly moist (CL)	50	Slight odor
					6			
					7			
					8			
					9			
CA	MW-5-2	12/16/9	10.0-11.5	18	10	Saturated	0	No odor
					11			
					12			
					13			
					14			
CA	MW-5-3	5/7/11	15.0-16.5	18	15		0	No odor
					16			
					17	SILTY CLAY; dark yellowish brown, moderately plastic, saturated (CL)		
					18			
					19			
CA	MW-5-4	4/4/7	20.0-21.5	18	20		0	No odor
					21			
					22			
					23			

WATER LEVEL DATA			
DATE	02-02		
TIME	2:40		
GWL	7.89		
CASING DEPTH	25'		

GEOLOGIST
Hal Hansen
SIGNATURE
Hal Hansen
TYPED NAME

PROJECT NAME / LOCATION	PROJECT NUMBER: 40-88-666	BORING NUMBER: MW-5	SHEET 2 OF 2
Oakland Shell 3420 San Pablo Avenue Oakland, CA	CONTRACTOR: West Hazmat Drilling		DRILLING METHOD: H.S.A.
	DRILLER: Randy Reidhead		DRILLING RIG: CME-75
	START: 12:15/01-19-90		COMPLETED: 2:40/01-19-90
LAND OWNER: Shell Oil Company	SURFACE ELEVATION: 20.91		LOGGED BY: Hal Hansen

SAMPLE TYPE	SAMPLE NUMBER	BLOW COUNTS	SAMPLE INTERVAL(ft)	SAMPLE RECOV(in)	DEPTH SCALE 1"= 4'	DESCRIPTIONS OF MATERIALS AND CONDITIONS	CONTAMINANT OBSERVATION / INSTRUMENT: OVM UNITS: ppm	GENERAL OBSERVATION NOTES
CA	MW-5-5	26/47/50 for 4"	25.0-26.5	12	25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47	GRAVELLY SAND; brown, course sand, saturated, minor plastic fines (SW) Total Depth at 26.5 feet	1	No odor

WATER LEVEL DATA			
DATE	02-02		
TIME	2:40		
GWL	7.89		
CASING DEPTH	25'		

GEOLOGIST

Hal Hansen

SIGNATURE

Hal Hansen

TYPED NAME

PROJECT NAME / LOCATION	PROJECT NUMBER: 40-88-666	BORING NUMBER: MW-6	SHEET 1 OF 1
Oakland Shell 3420 San Pablo Avenue Oakland, CA	CONTRACTOR: West Hazmat Drilling		DRILLING METHOD: H.S.A.
	DRILLER: Randy Reidhead		DRILLING RIG: CME-75
	START: 9:00/01-19-90		COMPLETED: 1:00/01-19-90
LAND OWNER: Shell Oil Company	SURFACE ELEVATION: 22.32		LOGGED BY: Hal Hansen

SAMPLE TYPE	SAMPLE NUMBER	BLOW COUNTS	SAMPLE INT (ft)	SAMPLE REC/OV (in)	DEPTH SCALE 1"= 4'	DESCRIPTIONS OF MATERIALS AND CONDITIONS	CONTAMINANT OBSERVATION / INSTRUMENT: OVM UNITS: ppm	GENERAL OBSERVATION NOTES
					1	Asphalt road base		
					2	CLAY; very dark gray, highly plastic, slightly moist (CH)		
					3			
					4			
CA	MW-6-1	10/12/38	5.0-6.5	18	5	SANDY CLAY; greenish gray, moderately plastic, slightly moist (CL)	0	No odor
					6			
					7			
					8			
					9			
CA	MW-6-2	9/13/20	10.0-11.5	18	10	Color change to yellowish brown	14	Slight odor
					11			
					12			
					13	Saturated		
					14			
CA	MW-6-3	5/8/11	15.0-16.5	18	15	SILTY CLAY; yellowish brown, moderately plastic, saturated (CL)	0	No odor
					16			
					17			
					18			
					19			
CA	MW-6-4	4/7/11	20.0-21.5	18	20		0	No odor
						Total Depth at 21.5 feet		
					21			
					22			
					23			

WATER LEVEL DATA				GEOLOGIST
DATE	02-02			Hal Hansen
TIME	11:41			SIGNATURE
GWL	7.86			Hal Hansen
CASING DEPTH	20'			TYPED NAME

PROJECT NAME / LOCATION	PROJECT NUMBER: 40-88-666	BORING NUMBER: MW-7	SHEET 1 OF 1
Oakland Shell 3420 San Pablo Avenue Oakland, CA	CONTRACTOR: West Hazmat Drilling		DRILLING METHOD: H.S.A.
	DRILLER: Randy Reidhead		DRILLING RIG: CME-75
	START: 11:00/01-19-90		COMPLETED: 12:00/01-19-90
LAND OWNER: Shell Oil Company	SURFACE ELEVATION: 20.36		LOGGED BY: Hal Hansen

SAMPLE TYPE	SAMPLER NUMBER	BLOW COUNTS	SAMPLE INTERVAL (ft)	SAMPLE RECOV (in)	DEPTH SCALE 1"= 4'	DESCRIPTIONS OF MATERIALS AND CONDITIONS	CONTAMINANT OBSERVATION INSTRUMENT: OVM UNITS: ppm	GENERAL OBSERVATION NOTES
					1	Asphalt road base		
					2	CLAY; very dark gray, highly plastic, slightly moist (CH)		
					3			
					4			
CA	MW-7-1	16/22/30	5.0-6.5	18	5	SANDY CLAY; greenish gray, moderately plastic, slightly moist (CL)	95	Moderate odor
					6			
					7			
					8			
					9			
CA	MW-7-2	9/15/25	10.0-11.5	18	10	Color change to yellowish brown	85	Moderate odor
					11	Saturated		
					12			
					13			
					14			
CA	MW-7-3	6/8/10	15.0-16.5	18	15		5	Slight odor
					16	SILTY CLAY; yellowish brown, moderately plastic, saturated (CL)		
					17			
					18			
					19			
CA	MW-7-4	6/8/14	20.0-21.5	18	20		0	No odor
					21			
					22	Total Depth at 21.5 feet		
					23			

WATER LEVEL DATA			
DATE	02-02		
TIME	11:52		
GWL	8.91		
CASING DEPTH	20'		

GEOLOGIST

Hal Hansen

SIGNATURE

Hal Hansen

TYPED NAME

PROJECT NAME / LOCATION	PROJECT NUMBER: 40-88-666	BORING NUMBER: MW-8	SHEET 1 OF 1
Oakland Shell 3420 San Pablo Avenue Oakland, CA	CONTRACTOR: West Hazmat Drilling		DRILLING METHOD: H.S.A.
	DRILLER: Randy Reidhead		DRILLING RIG: CME-75
	START: 2:30/01-18-90		COMPLETED: 3:45/01-18-90
LAND OWNER: Shell Oil Company	SURFACE ELEVATION: 20.95		LOGGED BY: Hal Hansen

SAMPLE TYPE	SAMPLE NUMBER	BLOW COUNTS	SAMPLE INT (ft)	SAMPLE RECOV (in)	DEPTH SCALE 1"= 4'	DESCRIPTIONS OF MATERIALS AND CONDITIONS	CONTAMINANT OBSERVATION / INSTRUMENT: OVM UNITS: ppm	GENERAL OBSERVATION NOTES
					1	Asphalt road base		
					2	CLAY; very dark gray, highly plastic, slightly moist (CH)		
					3			
					4			
CA	MW-8-1	16/27/28	5.0-6.5	18	5		3	Slight odor
					6	SANDY CLAY; greenish gray, moderately plastic, slightly moist (CL)		
					7			
					8			
					9			
CA	MW-8-2	11/13/19	10.0-11.5	18	10	Saturated	100	Moderate odor
					11			
					12			
					13			
					14			
CA	MW-8-3	4/6/7	15.0-16.5	18	15		0	No odor
					16			
					17	SILTY CLAY; dark yellowish brown, slightly plastic, saturated (CL)		
					18			
					19			
CA	MW-8-4	9/11/16	20.0-21.5	18	20		0	No odor
					21			
					22	Total Depth at 21.5 feet		
					23			

WATER LEVEL DATA			
DATE	02-02		
TIME	11:49		
GWL	7.32		
CASING DEPTH	20'		

GEOLOGIST

Hal Hansen

SIGNATURE

Hal Hansen

TYPED NAME

PROJECT NAME / LOCATION	PROJECT NUMBER: 40-88-666	BORING NUMBER: MW-9	SHEET 1 OF 1
Oakland Shell 3420 San Pablo Avenue Oakland, CA	CONTRACTOR: West Hazmat Drilling		DRILLING METHOD: H.S.A.
	DRILLER: Randy Reidhead		DRILLING RIG: CME-75
	START: 12:30/01-19-90		COMPLETED: 2:00/01-19-90
LAND OWNER: Shell Oil Company	SURFACE ELEVATION: 21.19		LOGGED BY: Hal Hansen

SAMPLE TYPE	SAMPLE NUMBER	BLOW COUNTS	SAMPLE INTERVAL(ft)	SAMPLE RECOV(in)	DEPTH SCALE 1"= 4'	DESCRIPTIONS OF MATERIALS AND CONDITIONS	CONTAMINANT OBSERVATION INSTRUMENT: OVM UNITS: ppm	GENERAL OBSERVATION NOTES
					1	Asphalt road base		
					2	CLAY; very dark gray, highly plastic, slighly moist (CH)		
					3			
					4			
CA	MW-9-1	9/23/27	5.0-6.5	10	5	SANDY CLAY; yellowish brown, moderately plastic, slightly moist (CL)	0	No odor
					6			
					7			
					8			
					9			
CA	MW-9-2	16/21/31	10.0-11.5	18	10		30	Slight odor
					11			
					12			
					13			
					14			
CA	MW-9-3	5/9/12	15.0-16.5	18	15	SILTY CLAY; dark yellowish brown, slightly plastic saturated (CL)	0	No odor
					16			
					17			
					18			
					19			
CA	MW-9-4		20.0-21.5	18	20		0	No odor
					21			
					22	Total Depth at 21.5 feet		
					23			

WATER LEVEL DATA			
DATE	02-02		
TIME	11:43		
GWL	9.02		
CASING DEPTH	20'		

GEOLOGIST
Hal Hansen
SIGNATURE
Hal Hansen
TYPED NAME

PROJECT NAME/LOCATION	Project Number	40-88-666	Boring Number	MW-10
Oakland Shell 3420 San Pablo Oakland, California	Contractor	West Hazmat	Drilling Method	H.S.A 10"
	Driller	Tom Wright	Drilling Rig	Acker
	Start	9:00 a.m. 10/23/91	Completed	10:45 a.m. 10/23/91
Landowner: City of Oakland	Surface Elev.		Logged By	Charles K. Almeida

Sample Type	Sample No.	Blow Count	Sample Interval (ft)	Sample Recovery (in.)	Depth Scale 1" = 4'	Descriptions of Materials and Conditions	Observations: Instrument: OVM Units: ppm	Observations: General Observation Notes
					1	Asphalt/Road Base		
CA	MW-10-1	7-20-25	5-6.5	16	5	CLAY; silty dark gray, medium plasticity; dry (CL)	55	
CA	MW-10-2	7-12-21	10-11.5	18	10	CLAY; silty, some coarse grained sand and .25"- diameter angular grains, very moist (CL)	213	
CA	MW-10-3	4-8-15	15-16.5	18	15	CLAY; silty gray green, medium to coarse gravely sand, minor fragments; very moist (CL)	118	
CA	MW-10-4	6-15-20	20-21.5	18	20	SANDY SILT; clayey tan brown, very fine grained sand, soft; very moist (ML)	51	
					22	Total Depth at 21.5 ft.		

BOREHOLE WATER LEVEL DATA			
Date	10/23/91		
Time	10:50 a.m.		
GWL	16.54		
Casing Depth	19.3		

Delta Environmental Consultants, Inc.

PROJECT NAME/LOCATION	Project Number	40-88-666	Boring Number	MW-11
Oakland Shell 3420 San Pablo Avenue Oakland, California	Contractor	West Hazmat	Drilling Method	H.S.A. 10"
	Driller	Tom Wright	Drilling Rig	Acker
	Start	12:20 p.m. 10/23/91	Completed	2:15 p.m. 10/23/91 p.m.
Landowner: City of Oakland	Surface Elev.		Logged By	Charles K. Almeida

Sample Type	Sample No.	Blow Count	Sample Interval (ft)	Sample Recovery (in.)	Depth Scale 1" = 4'	Descriptions of Materials and Conditions	Observations: Instrument: OVM Units: ppm	Observations: General Observation Notes
					1	----------Asphalt/Road Base----------		
					2			
					3			
					4			
CA	MW-11-1	4-14-35	5-6.5	15	5	CLAY; silty dark brown, minor fine grained sand, medium plasticity--dry (CL)	0	
					6			
					7			
					8			
					9			
CA	MW-11-2	4-18-31	10-11.5	10	10	Tan brown, very moist.	0	
					11			
					12			
					13			
					14	gradational contact		
CA	MW-11-3	6-10-13	15-16.5	15	15	SILT; clayey, tan brown, minor fine to medium grained sand; saturated (ML)	0	
					16			
					17			
					18			
					19			
CA	MW-11-4	16-24-35	20-21.5	20	20	CLAYEY SILTY GRAVEL; brown, .25-.5" angular grains, minor coarse grained sand; saturated (GC)	0	
					21	----------Total Depth at 21.5 ft.----------		
					22			
					23			

BOREHOLE WATER LEVEL DATA			
Date	10/23/91		
Time	3:15 p.m.		
GWL	14.0		
Casing Depth	19.0		

Sheet 1 of 1

Delta Environmental Consultants, Inc.

DRILLING LOG

Shell Oil Products Company

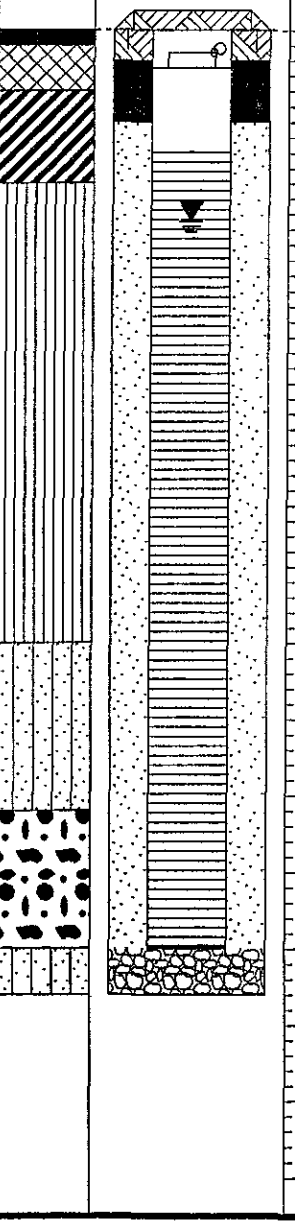
Project No: 240-0554 Phase Task

Well ID MW-3R Boring ID MW-3R

Location 3420 San Pablo Avenue, Oakland, California

Surface Elev. NA ft, Page 1 of 1

Depth (feet)	Blow Count	Sample	% Rec	Lithologic Description
0	Ground Surface			
				ASPHALT
				Gravelly fill
5				Silty CLAY: (CH); black; stiff; moist; 60% clay, 40% silt; high plasticity; very low estimated permeability.
10	NA			Clayey Sandy SILT: (ML); yellowish brown; medium stiff; moist; 20% clay, 40% silt, 30% fine to medium grained sand, 10% gravel; medium plasticity; low estimated permeability.
15	NA			20% clay, 40% silt, 40% sand.
20	NA			Wet; 25% clay, 40% silt, 30% fine grained sand, 5% gravel.
25	NA			Clayey Silty SAND: (SM); yellowish brown; medium dense; wet; 20% clay, 20% silt, 60% fine grained sand; medium plasticity; medium estimated permeability.
30	NA			Silty Sandy GRAVEL: (GP); brown; loose; wet; 5% clay, 20% silt, 20% fine to coarse grained sand, 55% angular gravel; no plasticity; high estimated permeability.
35	NA			Clayey Silty SAND with gravel: (SM); yellowish brown; medium dense; wet; 20% clay, 20% silt, 40% fine to medium grained sand, 20% angular gravel; low to medium plasticity; high estimated permeability.



Well Construction Details

T.O.C. Elev. na

water encountered during drilling @ 6'
static water level @ 6.25'

bottom of boring @ 31.5

Driller	Gregg Drilling	Development Yield	NA	Bentonite Seal	3' to 1'
Logged By	J. Riggi	Well Casing	2" Dia. 0' to 4'	Sand Pack	3' to 30'
Drilling Started	6/18/98	Casing Type	Schedule 40 PVC	Sand Pack Type	# 2/12 Sand
Drilling Completed	6/18/98	Well Screen	2" Dia. 4' to 30'	Static Water Level	6.25 ft Depth
Construction Completed	6/18/98	Screen Type	Schedule 40 PVC	Date	6/18/98
Development Completed	NA	Slot Size	0.010"	Notes:	Rhino Rig HSA 8" augers
Water Bearing Zones	NA	Drilling Mud	NA		
		Grout Type	Concrete		

WELL 24554 7/1/98

Cambria Environmental Technology, Inc.

DRILLING LOG

Client: Shell Oil Products Company

Project No: 240-0554 Phase Task

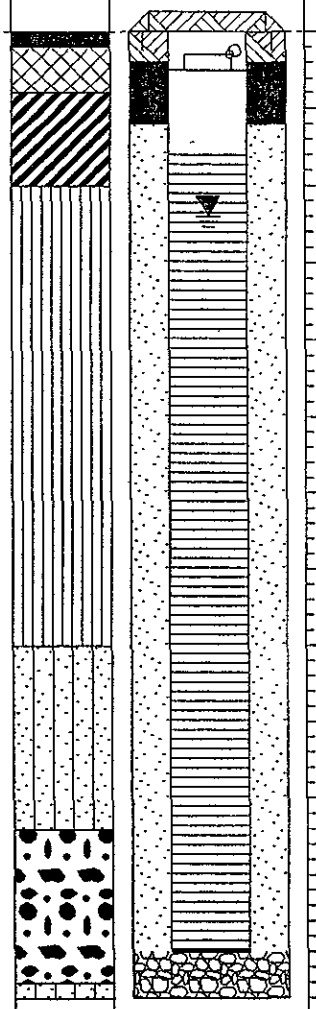
Well ID MW-6R Boring ID MW-6R

Location 3420 San Pablo Avenue, Oakland, California

Surface Elev. NA ft, Page 1 of 1

Depth (feet)	Blow Count	Sample	% Rec	Lithologic Description
0	Ground Surface			
	NA			ASPHALT Gravelly Fill Silty CLAY; (CH); black; stiff; moist; 60% clay, 40% silt; high plasticity; very low estimated permeability.
5	NA			Clayey SILT; (ML); olive; medium stiff; moist; 20% clay, 60% silt, 10% fine grained sand, 10% gravel; medium plasticity; low estimated permeability.
10	NA			Clayey Sandy SILT; (ML); yellowish brown; medium stiff; moist; 20% clay, 40% silt, 40% fine to medium grained sand; low to medium plasticity; low to medium estimated permeability.
15	NA			20% clay, 35% silt, 40% sand, 5% gravel.
20	NA			Clayey Silty SAND; (SM); yellowish brown; medium dense; moist; 20% clay, 20% silt, 60% sand; medium plasticity; medium estimated permeability.
25	NA			Sandy GRAVEL; (GP); brown; loose; wet; 5% clay, 10% silt, 35% fine to coarse sand, 50% angular gravel; no plasticity; high estimated permeability.
30	NA			10% clay, 10% silt, 30% fine to coarse grained sand, 50% angular gravel. Silty Clayey SAND; (SM); yellow to yellowish brown; medium dense; moist; 20% clay, 20% silt, 50% fine to medium grained sand, 10% angular gravel; low to medium plasticity; high estimated permeability.
35				

TPHg (ppm) | Graphic Log | Well Construction Graphics



Depth (feet)	Well Construction Details
	T.O.C. Elev. na
0	
5	water encountered during drilling @ 5.5' static water level @ 6'
10	
15	
20	
25	
30	bottom of boring @31.5'
35	

Driller Gregg Drilling

Logged By J. Riggi

Drilling Started 6/18/98

Drilling Completed 6/18/98

Construction Completed 6/18/98

Development Completed NA

Water Bearing Zones NA

Development Yield NA

Well Casing 2" Dia. 0' to 4'

Casing Type Schedule 40 PVC

Well Screen 2" Dia. 4' to 30'

Screen Type Schedule 40 PVC

Slot Size 0.010"

Drilling Mud NA

Grout Type Concrete

Bentonite Seal 3' to 1'

Sand Pack 3' to 30'

Sand Pack Type # 2/12 Sand

Static Water Level 6.00 ft Depth

Date 6/18/98

Notes: Rhino Rig HSA 8" augers

WELL 24554 7/1/98

Cambria Environmental Technology, Inc.

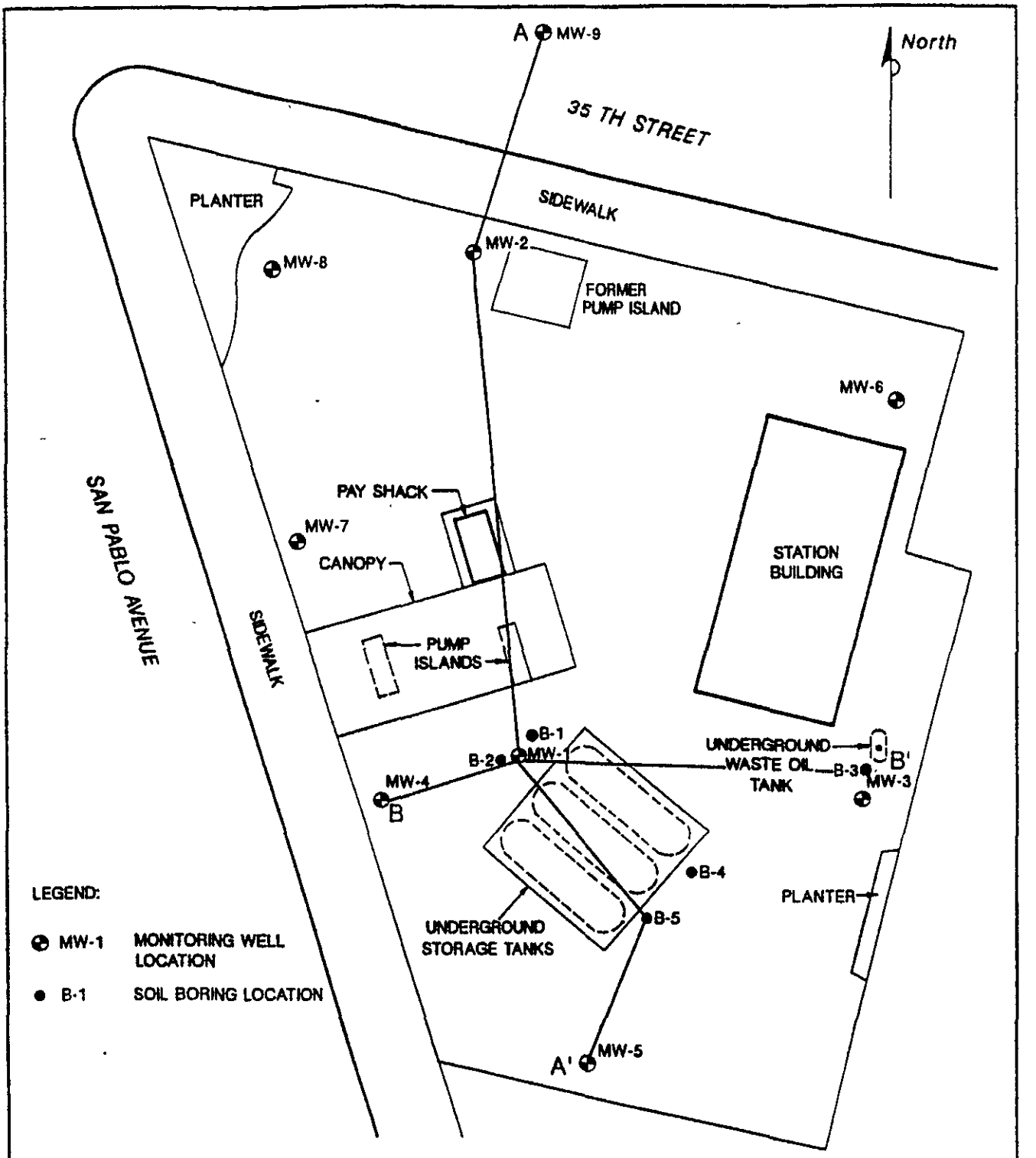


FIGURE 4

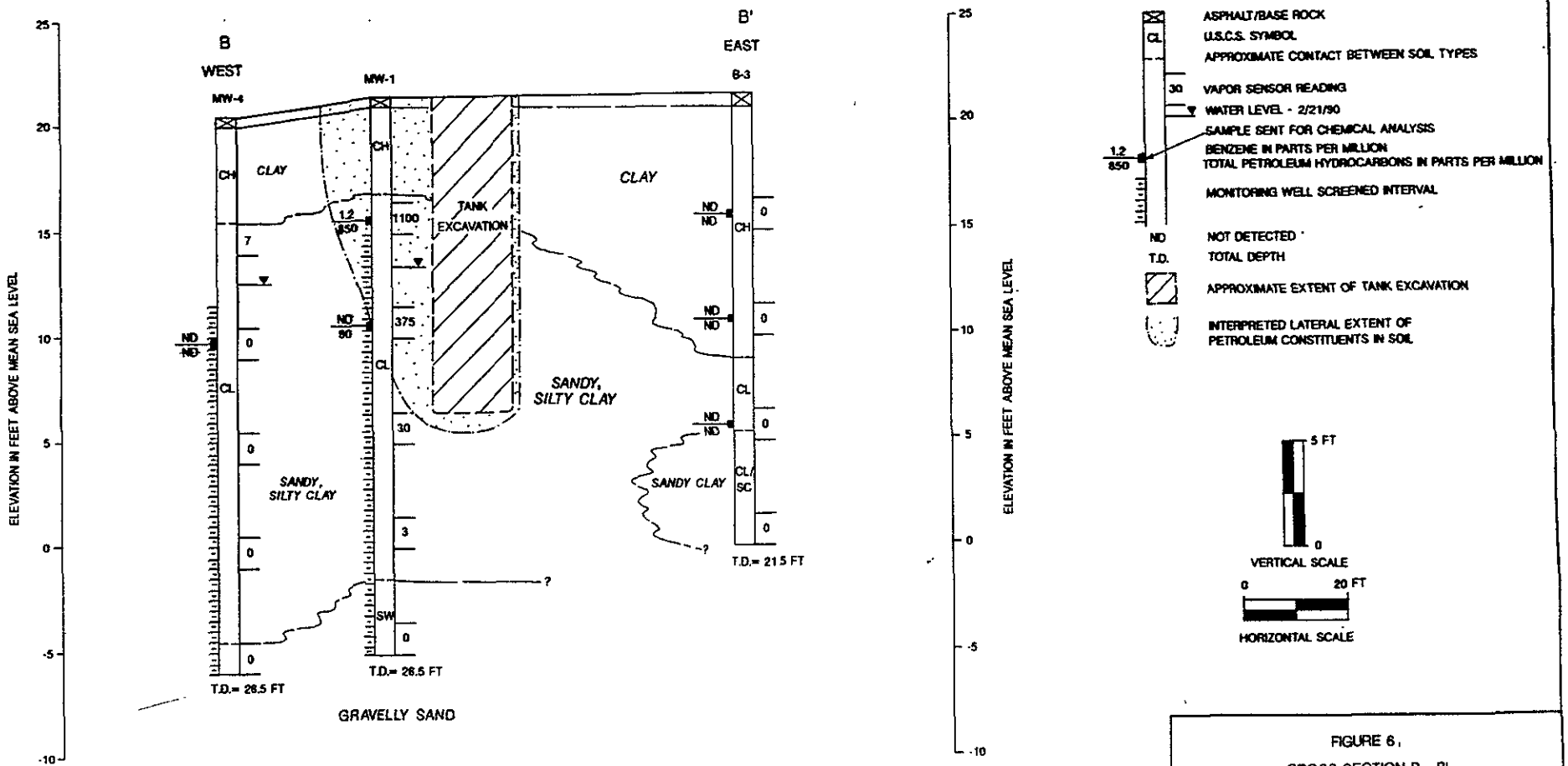
GEOLOGICAL CROSS SECTION LOCATION MAP

3420 SAN PABLO AVENUE

OAKLAND, CA.

PROJECT NO.	PREPARED BY
40-88-686	HEH 5/7/90,
AUTOCAD NO.	REVIEWED BY
—	

Delta Environmental Consultants, Inc.



LEGEND:

- ASPHALT/BASE ROCK
- CL — U.S.C.S. SYMBOL
- APPROXIMATE CONTACT BETWEEN SOIL TYPES
- 30 — VAPOR SENSOR READING
- WATER LEVEL - 2/21/90
- SAMPLE SENT FOR CHEMICAL ANALYSIS
- 1.2 / 850 — BENZENE IN PARTS PER MILLION; TOTAL PETROLEUM HYDROCARBONS IN PARTS PER MILLION
- MONITORING WELL SCREENED INTERVAL
- ND — NOT DETECTED
- T.D. — TOTAL DEPTH
- APPROXIMATE EXTENT OF TANK EXCAVATION
- INTERPRETED LATERAL EXTENT OF PETROLEUM CONSTITUENTS IN SOIL

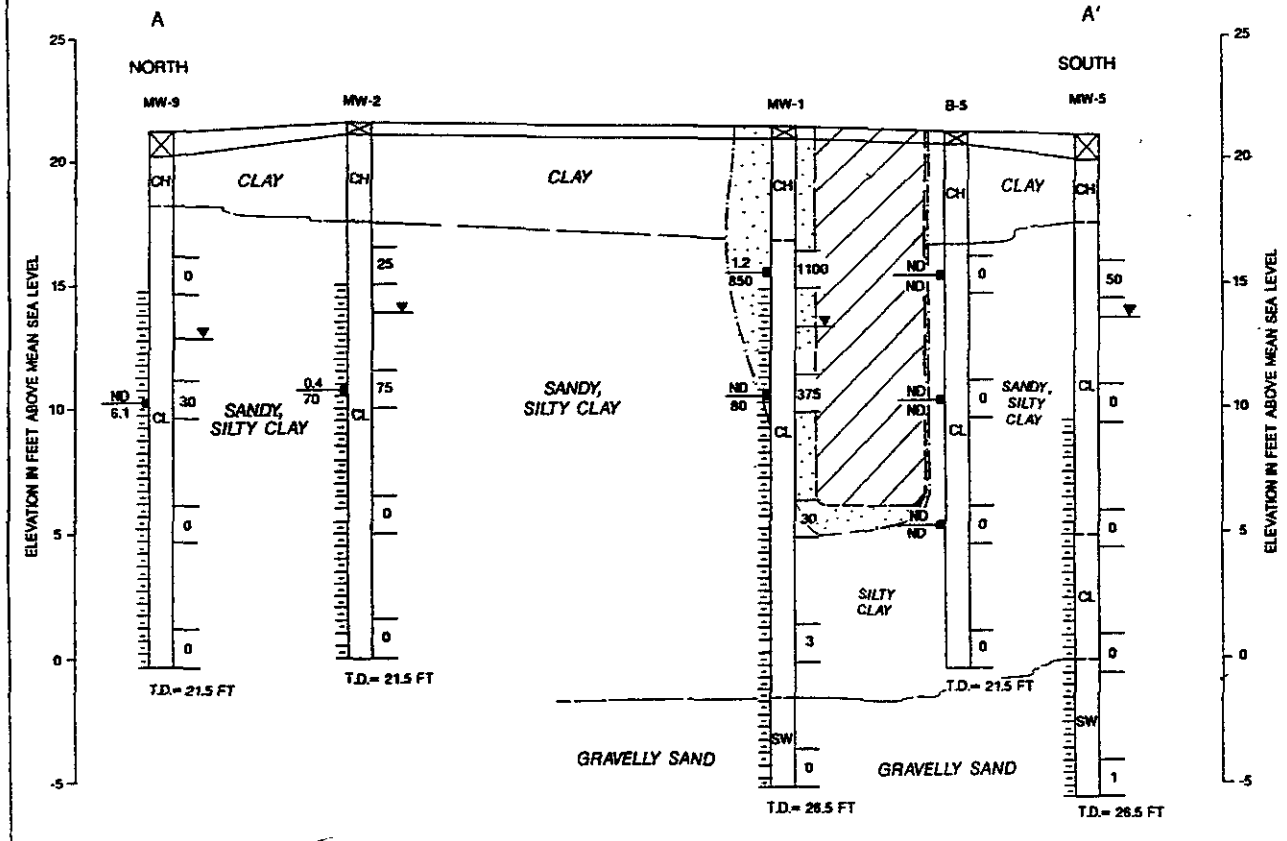
5 FT
0
VERTICAL SCALE

0 20 FT
HORIZONTAL SCALE

FIGURE 6.
CROSS SECTION B - B'
3420 SAN PABLO AVENUE
OAKLAND, CA.

PROJECT NO.	PREPARED BY
40-88-666	HEH 5/7/90
AUTOCAD NO.	REVISED BY
—	

Delta Environmental Consultants, Inc.



LEGEND:

- ASPHALT/BASE ROCK
- U.S.C.S. SYMBOL
- APPROXIMATE CONTACT BETWEEN SOIL TYPES
- 25 — VAPOR SENSOR READING
- WATER LEVEL - 2/21/90
- SAMPLE SENT FOR CHEMICAL ANALYSIS
- 12 / 850 — BENZENE IN PARTS PER MILLION / TOTAL PETROLEUM HYDROCARBONS IN PARTS PER MILLION
- MONITORING WELL SCREENED INTERVAL
- ND — NOT DETECTED
- T.D. — TOTAL DEPTH
- APPROXIMATE EXTENT OF TANK EXCAVATION
- INTERPRETED LATERAL EXTENT OF PETROLEUM CONSTITUENTS IN SOIL

5 FT
0
VERTICAL SCALE

0
HORIZONTAL SCALE

FIGURE 5

CROSS SECTION A - A'

3420 SAN PABLO AVENUE

OAKLAND, CA.

PROJECT NO.	PREPARED BY
40-88-666	HEH 5/7/90
AUTOCAD NO.	REVIEWED BY
—	

Delta Environmental Consultants, Inc.

05/15/01

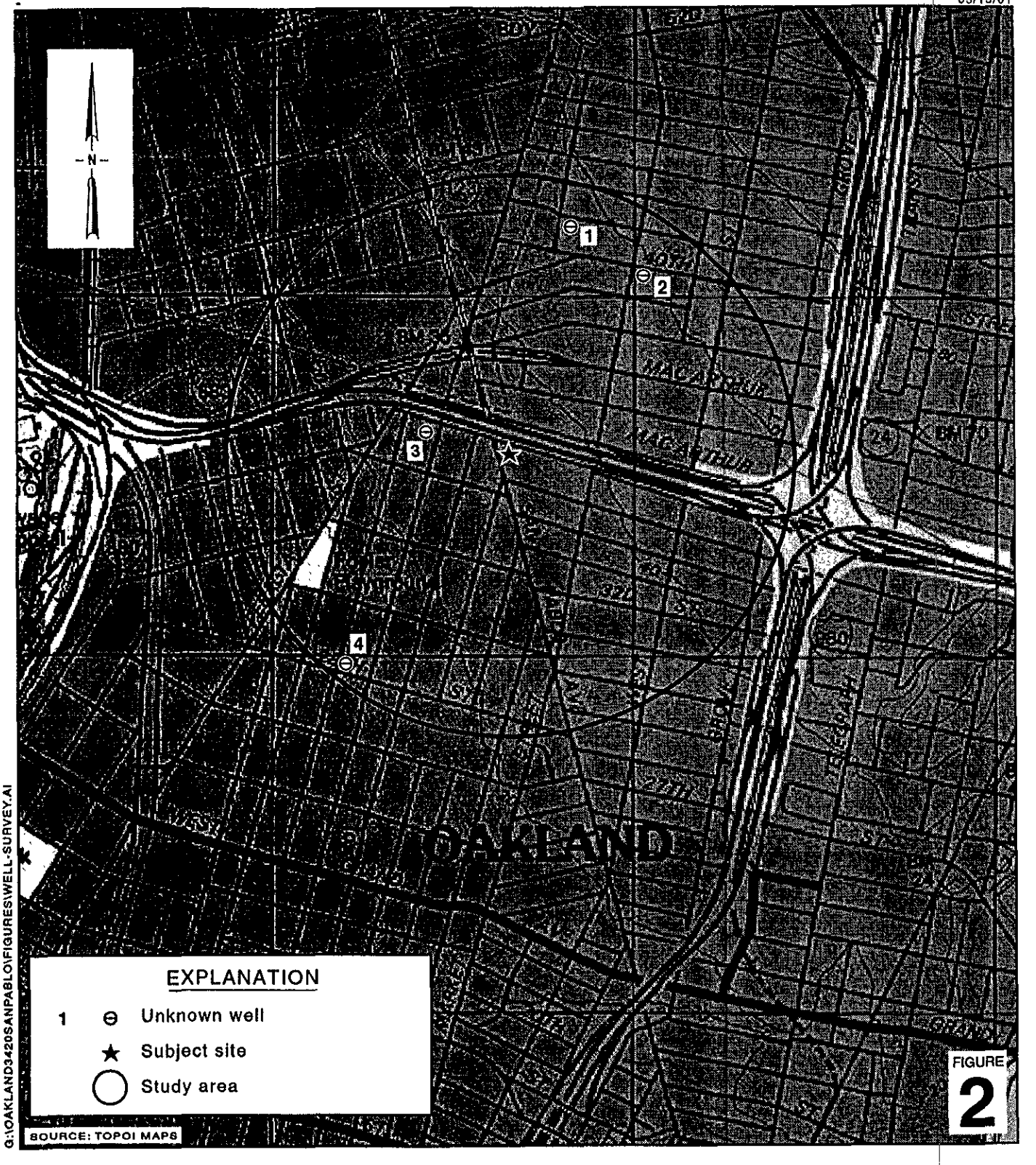


FIGURE 2

0 1/8 1/4 1/2 1

SCALE : 1" = 1/4 MILE

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Shell-branded Service Station
3420 San Pablo Avenue
Oakland, California
Incident #98995748

CAMBRIA

Area Well Survey

(1/2 Mile Radius)

Table 1. Well Survey Results - Shell-branded Service Station, 3420 San Pablo Avenue, Oakland, California. Incident # 98995748

Location	Well ID	Installation Date	Owner	Use	Depth (ft bgs)	Screened Interval (ft bgs)	Sealed Interval (ft bgs)
1	1S4W-23 (01-741)	1926	Pearl Laundry Co.	UNK	510	UNK	UNK
2	1S4W-23 (01-738)	1928	Toscani Bakery	UNK	108	UNK	UNK
3	1S4W-23M2 (01-745)	UNK	City of Paris laundry	UNK	97	UNK	UNK
4	1S4W-27A (01-889)	UNK	UNK	UNK	215	UNK	UNK

Abbreviation and Notes:

Location = Column number refers to map location on Figure 2
Well ID = California State well identification number as recorded by the Department of Water Resources in Sacramento, California
ft bgs = Feet below ground surface
UNK = Unknown

All well locations provided by the State of California Department of Water Resources; exact location of well 1 is uncertain

Shell-branded Service Station
3420 San Pablo Avenue
Oakland, California
Incident #98995748

Underground Utility Locations

CAMBRIA

05/24/01