CAMBRIA

May 21, 2001

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

MAY 25 2001

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

Rooo

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.

FIRST QUARTER 2001 ACTIVITIES

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

Top of Casing Elevation Resurvey: Cambria coordinated resurveying of monitoring well top-of-casing elevations due to anomalous groundwater elevations at this site. The surveyor's report is presented as Attachment B.

Well Receptor Survey: At Cambria's request, the Department of Water Resources (DWR) reviewed their files for records of municipal and private wells (excluding monitoring wells) within a one-half mile radius of the subject site at 3420 San Pablo Avenue in Oakland.

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

Four possible receptor wells within one-half mile of the subject site were identified through the DWR records. Copies of the well completion reports provided by DWR are presented as Attachment C. Details of well survey results are summarized below (well numbers refer to the well list provided as Table 1). The mean groundwater gradient direction, as calculated from depth to water measurements in onsite monitoring wells, is towards the southwest.

- The well closest to the site is Well 3, a 97-foot deep well of unknown use located crossgradient of the site, approximately 700 feet to the west.
- The closest identified downgradient well is Well 4, a 215-foot deep well of unknown use located just within the half-mile radius approximately 2,600 feet to the southwest.
- Well 2 is a 108-foot deep well of unknown use located upgradient of the site, approximately 2,000 feet to the northwest.
- Well 1 is a 510-foot deep well of unknown use. The exact location of the well is uncertain due to incomplete records, but it is suspected to be located upgradient of the site, about 2,000 feet to the north-northwest.

Based on the distance between the subject site and the closest downgradient potential receptor well (approximately one-half mile), it is unlikely that the subject site would impact wells in the study area. In addition, low permeability sediments in the shallow water table decrease the likelihood of significant plume migration.

ANTICIPATED SECOND QUARTER 2001 ACTIVITIES

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

Site Conceptual Model (SCM): Cambria will complete an SCM and submit it with the second quarter 2001 groundwater monitoring report.

CLOSING

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

Sincerely,
Cambria Environmental Technology, Inc

Anni Kreml
Senior Staff Scientist

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

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

Figure: 1 - Groundwater Elevation Contour Map
2 - Area Well Survey

Table: 1 - Well Survey Results

Attachment: A - Blaine Groundwater Monitoring Report and Field Notes
B - Monitoring Well Survey Report
C - DWR Well Logs

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

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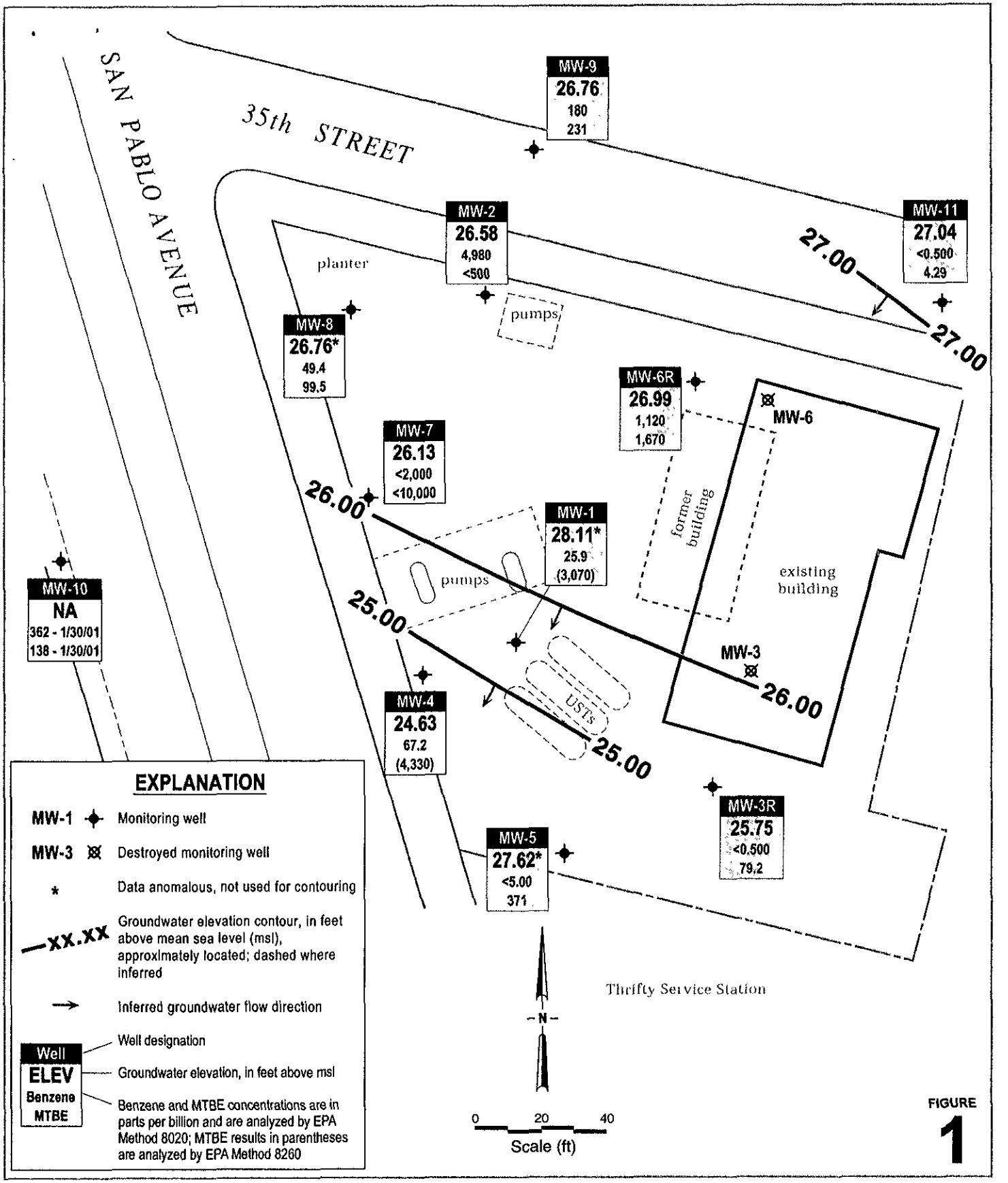

G:\OAKLAND\3420SANPABLO\FIGURES\1QM01-MP.AI

FIGURE
1

05/21/01

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

CAMBRIA

Groundwater Elevation Contour Map

January 19, 2001

05/15/01

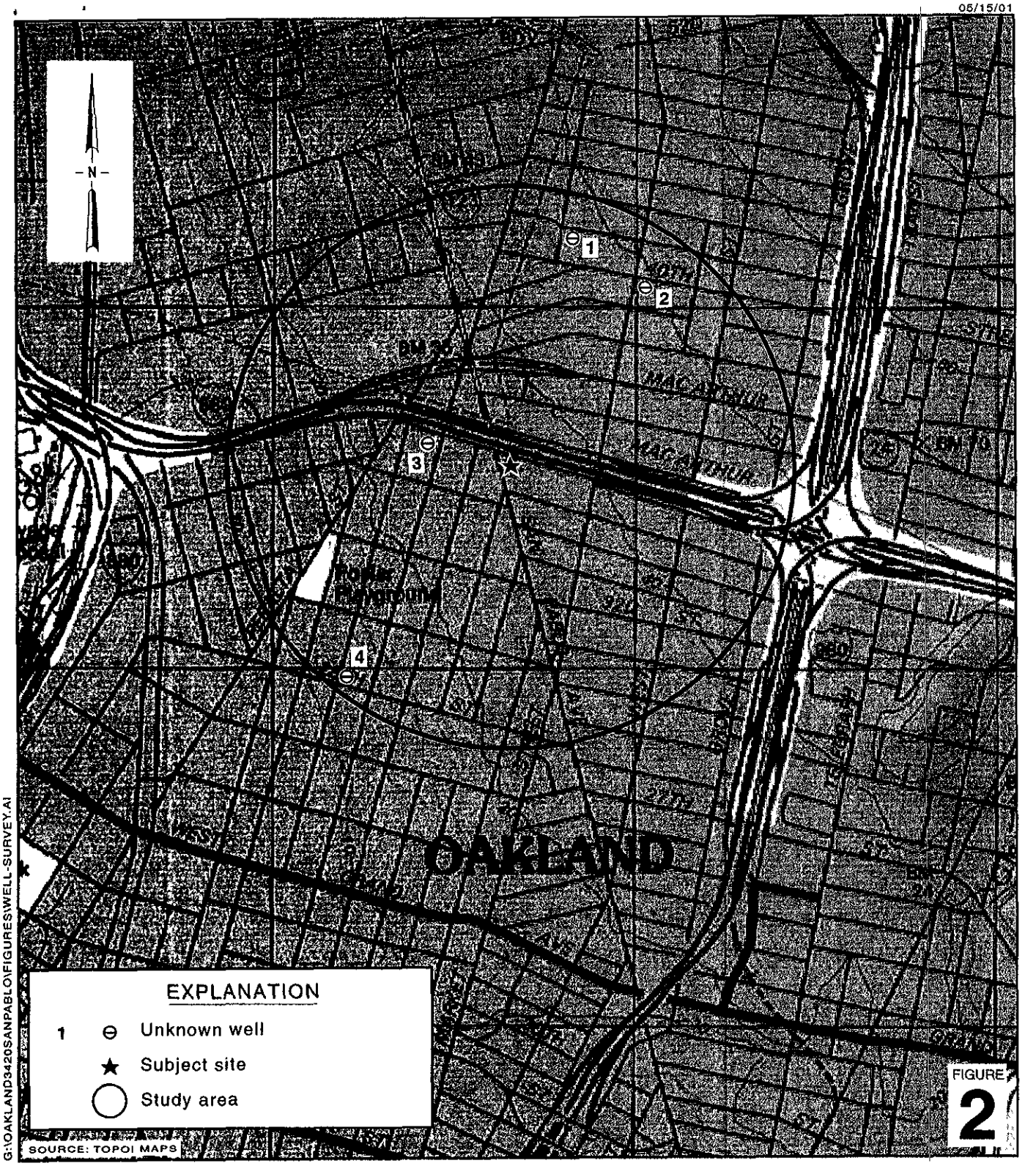

FIGURE 2

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

ATTACHMENT A

Blaine Groundwater Monitoring Report and Field Notes

BLAINE
TECH SERVICES, Inc.

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

February 19, 2001

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

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

Monitoring performed on January 19 and 30, 2001

Groundwater Monitoring Report **010119-X-2**

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,

Deidre Kerwin
Operations Manager

DK/jt

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

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

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

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	Depth to SPH (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
MW-1	08/06/1991	NA	NA	NA	NA	NA	NA	NA	21.28	10.86	NA	10.43	NA	NA
MW-1	10/23/1991	32,000	2,700	360	550	3,700	NA	NA	21.28	11.05	NA	10.24	0.01	NA
MW-1	01/28/1992	14,000	1,000	106	450	1,600	NA	NA	21.28	10.84	NA	10.44	NA	NA
MW-1	05/05/1992	98,000	11,000	1,200	3,500	18,000	NA	NA	21.28	9.42	NA	11.86	<0.01	NA
MW-1	07/13/1992	11,000	1,100	130	740	1,300	NA	NA	21.28	11.36	NA	9.92	NA	NA
MW-1	10/12/1992	NA	NA	NA	NA	NA	NA	NA	21.28	13.14	NA	8.21	0.09	NA
MW-1	01/12/1993	NA	110	NA	NA	NA	NA	NA	21.28	7.52	NA	13.78	0.02	NA
MW-1	04/06/1993	NA	NA	NA	NA	NA	NA	NA	21.28	7.13	NA	14.16	<0.01	NA
MW-1	07/12/1993	NA	NA	NA	NA	NA	NA	NA	21.28	11.02	NA	10.27	0.01	NA
MW-1	10/13/1993	NA	NA	NA	NA	NA	NA	NA	21.28	12.18	NA	9.11	0.01	NA
MW-1	01/20/1994	NA	NA	NA	NA	NA	NA	NA	21.28	9.18	NA	12.10	0.01	NA
MW-1	04/13/1994	NA	NA	NA	NA	NA	NA	NA	21.28	8.72	NA	12.58	0.02	NA
MW-1	07/19/1994	17,000	420	140	530	1,300	NA	NA	21.28	8.76	NA	12.52	NA	NA
MW-1	10/27/1994	23,000	1,200	130	990	960	NA	NA	21.28	10.49	NA	10.79	NA	NA
MW-1	01/03/1995	31,000	610	160	1,200	5,000	NA	NA	21.28	6.15	NA	15.13	NA	NA
MW-1	04/13/1995	20,000	340	42	680	2,900	NA	NA	21.28	5.24	NA	16.04	NA	NA
MW-1	06/30/1995	16,000	450	62	460	1,200	NA	NA	21.28	7.24	NA	14.04	NA	NA
MW-1	10/11/1995	8,400	660	47	510	850	8,000	NA	21.28	9.48	NA	11.80	NA	NA
MW-1	10/13/1995	7.400	730	54	490	1,100	8,200	NA	21.28	NA	NA	NA	NA	NA
MW-1	01/17/1996	24,000	570	110	820	2,900	15,000	NA	21.28	6.48	NA	14.80	NA	NA
MW-1	04/10/1996	20,000	120	11	420	1,400	15,000	NA	21.28	5.38	NA	15.90	NA	NA
MW-1	07/30/1996	7,900	240	22	170	300	12,000	NA	21.28	7.61	NA	13.67	NA	NA
MW-1	10/17/1996	6,600	1,000	20	120	130	10,000	NA	21.28	8.66	NA	12.62	NA	1.4
MW-1	01/22/1997	13,000	170	<50	330	1,200	18,000	NA	21.28	5.00	NA	16.28	NA	1.6
MW-1	04/01/1997	7,900	240	26	130	200	6,400	NA	21.28	6.42	NA	14.86	NA	1.4
MW-1	07/14/1997	5,000	<20	<20	59	61	9,000	NA	21.28	8.92	NA	12.36	NA	1.9

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

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	Depth to SPH (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
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-2	08/06/1991	50,000	15,000	NA	2,700	13,000	NA	NA	21.56	9.72	NA	11.84	NA	NA
MW-2	10/23/1991	120,000	11,000	1,400	3,500	19,000	NA	NA	21.56	10.03	NA	11.53	NA	NA
MW-2	01/28/1992	49,000	7,400	800	1,800	8,300	NA	NA	21.56	8.78	NA	12.78	NA	NA
MW-2	05/05/1992	52,000	12,000	1,100	2,200	12,000	NA	NA	21.56	7.58	NA	13.98	NA	NA
MW-2	07/13/1992	47,000	15,000	2,400	4,500	16,000	NA	NA	21.56	9.63	NA	11.93	NA	NA
MW-2	10/12/1992	NA	NA	NA	NA	NA	NA	NA	21.56	11.66	NA	9.92	0.03	NA
MW-2	01/12/1993	NA	NA	NA	NA	NA	NA	NA	21.56	7.13	NA	14.44	0.01	NA
MW-2	04/06/1993	NA	NA	NA	NA	NA	NA	NA	21.56	6.40	NA	15.17	<0.01	NA
MW-2	07/12/1993	59,000	12,000	950	2,400	11,000	NA	NA	21.56	8.75	NA	12.81	NA	NA
MW-2	10/13/1993	54,000	14,000	1,200	3,700	22,000	NA	NA	21.56	10.28	NA	11.28	NA	NA
MW-2	01/20/1994	NA	NA	NA	NA	NA	NA	NA	21.56	NA	NA	NA	NA	NA

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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
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

WELL CONCENTRATIONS
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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-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-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
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

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	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-4	08/06/1991	1,300	28	18	68	150	NA	NA	20.31	10.57	NA	9.74	NA	NA
MW-4	10/23/1991	1,900	97	6.10	38	77	NA	NA	20.31	10.46	NA	9.85	NA	NA
MW-4	01/28/1992	200	7.60	<0.5	3	3.30	NA	NA	20.31	9.54	NA	10.77	NA	NA
MW-4	05/04/1992	690	98	3	13	<1	NA	NA	20.31	8.33	NA	11.98	NA	NA
MW-4	07/13/1992	1,500	140	2.90	17	12	NA	NA	20.31	9.87	NA	10.44	NA	NA
MW-4	10/12/1992	NA	NA	NA	NA	NA	NA	NA	20.31	12.43	NA	8.50	0.78	NA
MW-4	01/12/1993	NA	NA	NA	NA	NA	NA	NA	20.31	7.12	NA	13.99	1.00	NA
MW-4	04/06/1993	NA	NA	NA	NA	NA	NA	NA	20.31	7.23	NA	13.84	0.95	NA
MW-4	07/12/1993	NA	NA	NA	NA	NA	NA	NA	20.31	10.08	NA	10.25	0.03	NA
MW-4	10/13/1993	NA	NA	NA	NA	NA	NA	NA	20.31	11.35	NA	9.06	0.12	NA
MW-4	01/20/1994	NA	NA	NA	NA	NA	NA	NA	20.31	9.06	NA	11.26	0.02	NA

WELL CONCENTRATIONS
Shell-branded Service Station
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-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
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

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-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-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
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

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

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	Depth to SPH (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
MW-5	04/01/1997	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-6	08/06/1991	28,000	1,400	200	1,300	4,200	NA	NA	22.32	10.61	NA	11.71	NA	NA
MW-6	10/23/1991	53,000	1,400	230	1,800	6,700	NA	NA	22.32	11.68	NA	10.64	NA	NA
MW-6	01/28/1992	87,000	1,200	470	2,000	6,600	NA	NA	22.32	8.90	NA	13.42	NA	NA
MW-6	05/05/1992	230,000	<500	<500	3,200	11,000	NA	NA	22.32	8.01	NA	14.31	NA	NA
MW-6	07/13/1992	2,700,000	<2,500	3,500	14,000	36,000	NA	NA	22.32	10.77	NA	11.55	NA	NA
MW-6	10/12/1992	NA	NA	NA	NA	NA	NA	NA	22.32	8.68	NA	9.34	0.48	NA
MW-6	01/12/1993	NA	NA	NA	NA	NA	NA	NA	22.32	6.40	NA	15.92	<0.01	NA
MW-6	04/06/1993	320,000	2,500	14,000	980	14,000	NA	NA	22.32	5.93	NA	16.39	NA	NA
MW-6	07/12/1993	31,000	1,100	4,500	150	4,500	NA	NA	22.32	10.25	NA	12.07	NA	NA

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-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
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

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-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-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
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

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

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	Depth to SPH (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
MW-7	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-8	08/06/1991	32,000	3,700	1,100	1,400	6,100	NA	NA	20.95	9.60	NA	11.35	NA	NA
MW-8	10/23/1991	63,000	4,800	1,300	1,300	6,900	NA	NA	20.95	9.73	NA	11.22	NA	NA
MW-8	01/28/1992	32,000	1,900	750	1,400	6,300	NA	NA	20.95	7.72	NA	13.23	NA	NA
MW-8	05/05/1992	180,000	2,200	2,000	2,700	13,000	NA	NA	20.95	6.48	NA	14.47	NA	NA
MW-8	07/13/1992	56,000	4,500	1,500	2,700	9,100	NA	NA	20.95	8.55	NA	12.40	NA	NA
MW-8	10/12/1992	34,000	2,400	550	1,400	6,400	NA	NA	20.95	9.97	NA	10.98	NA	NA
MW-8	01/12/1993	110,000	2,100	1,200	2,400	12,000	NA	NA	20.95	6.94	NA	14.01	NA	NA
MW-8	04/06/1993	38,000	2,500	840	1,100	4,900	NA	NA	20.95	5.72	NA	15.23	NA	NA
MW-8	07/12/1993	27,000	2,800	990	1,200	5,300	NA	NA	20.95	7.65	NA	13.30	NA	NA

WELL CONCENTRATIONS
Shell-branded Service Station
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	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
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

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	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-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
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

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-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-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

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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	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
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

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

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	07/30/1996	<50	<0.5	<0.5	<0.5	<0.5	<2.5	NA	22.06	8.92	NA	13.14	NA	NA
MW-11	10/17/1996	3,000	28	23	29	210	76	NA	22.06	9.24	NA	12.82	NA	NA
MW-11	01/22/1997	<50	<0.5	<0.5	<0.5	<0.5	<2.5	NA	22.06	5.12	NA	16.94	NA	3.7
MW-11	04/01/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	22.06	7.41	NA	14.65	NA	2.8
MW-11	07/14/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	22.06	9.74	NA	12.32	NA	1.9
MW-11	10/08/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	22.06	10.23	NA	11.83	NA	2.4
MW-11	01/19/1998	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	22.06	3.69	NA	18.37	NA	3.2
MW-11	04/28/1998	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	22.06	5.83	NA	16.23	NA	3.0
MW-11	09/30/1998	Inaccessible		NA	NA	NA	NA	NA	22.06	NA	NA	NA	NA	NA
MW-11	12/09/1998	Inaccessible		NA	NA	NA	NA	NA	22.06	NA	NA	NA	NA	NA
MW-11	01/18/1999	Inaccessible		NA	NA	NA	NA	NA	22.06	NA	NA	NA	NA	NA
MW-11	04/12/1999	Inaccessible		NA	NA	NA	NA	NA	22.06	NA	NA	NA	NA	NA
MW-11	04/26/1999	63	<0.50	<0.50	<0.50	<0.50	<2.5	NA	22.06	5.80	NA	16.26	NA	3.6
MW-11	07/27/1999	<50.0	<0.500	<0.500	<0.500	<0.500	6.02	NA	22.06	8.30	NA	13.76	NA	2.0
MW-11	10/14/1999	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	NA	22.06	8.99	NA	13.07	NA	2.4
MW-11	01/06/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	22.06	9.93	NA	12.13	NA	2.9
MW-11	04/05/2000	<50.0	<0.500	<0.500	<0.500	<0.500	3.53	NA	22.06	5.90	NA	16.16	NA	1.8
MW-11	07/20/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	22.06	6.13	NA	15.93	NA	1.7
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**

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)

Abbreviations:
TPPH = Total petroleum hydrocarbons as gasoline by modified EPA Method 8015
BTEX = benzene, toluene, ethylbenzene, xylenes by EPA Method 8020
MTBE = methyl-tertiary-butyl ether
TOC = Top of Casing Elevation
SPH = Separate-Phase Hydrocarbons
GW = Groundwater
DO = Dissolved Oxygen
ug/L = parts per billion
ppm = parts per million
msl = Mean sea level
ft = Feet
<n = Below detection limit
(D) = Duplicate sample
NA = Not applicable

Notes:
a = Chromatogram pattern indicates an unidentified hydrocarbon.
b = MTBE could not be quantified due to co-eluting compounds.
* = This sample was analyzed outside the EPA recommended holding time.
Resurvey of wells was performed on August 28, 1998 by Virgil Chavez Land Surveying.
All wells except MW-11 surveyed February 26, 2001 by Virgil Chavez Land Surveying of Vallejo, California.

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4 February, 2001

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

RE: 3420 San Pablo Ave.
Sequoia Report: MKA0512

Enclosed are the results of analyses for samples received by the laboratory on 01/22/01 16:24. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

for Wayne Stevenson
Client Services Manager

CA ELAP Certificate #1210

Blaine Tech Services (Shell) 1680 Rogers Avenue San Jose CA, 95112	Project: 3420 San Pablo Ave. Project Number: 3420 San Pablo Ave./ Oakland Project Manager: Nick Sudano	**Reported:** 02/04/01 13:23

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-1	MKA0512-01	Water	01/19/01 11:21	01/22/01 16:24
MW-2	MKA0512-02	Water	01/19/01 14:47	01/22/01 16:24
MW-3R	MKA0512-03	Water	01/19/01 10:34	01/22/01 16:24
MW-4	MKA0512-04	Water	01/19/01 13:56	01/22/01 16:24
MW-5	MKA0512-05	Water	01/19/01 14:29	01/22/01 16:24
MW-6R	MKA0512-06	Water	01/19/01 12:51	01/22/01 16:24
MW-7	MKA0512-07	Water	01/19/01 12:51	01/22/01 16:24
MW-8	MKA0512-08	Water	01/19/01 12:51	01/22/01 16:24
MW-9	MKA0512-09	Water	01/19/01 12:51	01/22/01 16:24
MW-11	MKA0512-10	Water	01/19/01 12:51	01/22/01 16:24

Blaine Tech Services (Shell)	Project: 3420 San Pablo Ave.	
1680 Rogers Avenue	Project Number: 3420 San Pablo Ave./ Oakland	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	02/04/01 13:23

Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-1 (MKA0512-01) Water Sampled: 01/19/01 11:21 Received: 01/22/01 16:24									
Purgeable Hydrocarbons	**2000**	1000	ug/l	20	1A24001	01/24/01	01/24/01	DHS LUFT	P-01
Benzene	**25.9**	10.0	"	"	"	"	"	"	
Toluene	**24.9**	10.0	"	"	"	"	"	"	
Ethylbenzene	**12.5**	10.0	"	"	"	"	"	"	
Xylenes (total)	**29.7**	10.0	"	"	"	"	"	"	
Methyl tert-butyl ether	**2610**	50.0	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*137 %*		*70-130*		"	"	"	*S-02*
MW-2 (MKA0512-02) Water Sampled: 01/19/01 14:47 Received: 01/22/01 16:24									
Purgeable Hydrocarbons	**29200**	10000	ug/l	200	1A24001	01/24/01	01/24/01	DHS LUFT	P-01
Benzene	**4980**	100	"	"	"	"	"	"	
Toluene	**127**	100	"	"	"	"	"	"	
Ethylbenzene	**2820**	100	"	"	"	"	"	"	
Xylenes (total)	**4320**	100	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	500	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*131 %*		*70-130*		"	"	"	*S-02*
MW-3R (MKA0512-03) Water Sampled: 01/19/01 10:34 Received: 01/22/01 16:24									
Purgeable Hydrocarbons	ND	50.0	ug/l	1	1A24001	01/24/01	01/24/01	DHS LUFT	
Benzene	ND	0.500	"	"	"	"	"	"	
Toluene	ND	0.500	"	"	"	"	"	"	
Ethylbenzene	ND	0.500	"	"	"	"	"	"	
Xylenes (total)	ND	0.500	"	"	"	"	"	"	
Methyl tert-butyl ether	**79.2**	2.50	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*122 %*		*70-130*		"	"	"	

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Blaine Tech Services (Shell) 1680 Rogers Avenue San Jose CA, 95112	Project: 3420 San Pablo Ave. Project Number: 3420 San Pablo Ave./ Oakland Project Manager: Nick Sudano	**Reported:** 02/04/01 13:23

Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-4 (MKA0512-04) Water Sampled: 01/19/01 13:56 Received: 01/22/01 16:24									
Purgeable Hydrocarbons	**3330**	500	ug/l	10	1A25003	01/25/01	01/25/01	DHS LUFT	P-03
Benzene	**67.2**	5.00	"	"	"	"	"	"	
Toluene	ND	5.00	"	"	"	"	"	"	
Ethylbenzene	**7.18**	5.00	"	"	"	"	"	"	
Xylenes (total)	ND	5.00	"	"	"	"	"	"	
Methyl tert-butyl ether	**3620**	100	"	40	"	"	01/24/01	"	A-01,M-03
Surrogate: a,a,a-Trifluorotoluene		*91.4 %*	*70-130*		"	"	*01/25/01*	"	
MW-5 (MKA0512-05) Water Sampled: 01/19/01 14:29 Received: 01/22/01 16:24									
Purgeable Hydrocarbons	**4000**	500	ug/l	10	1A24001	01/24/01	01/24/01	DHS LUFT	P-03
Benzene	ND	5.00	"	"	"	"	"	"	
Toluene	**17.4**	5.00	"	"	"	"	"	"	
Ethylbenzene	**88.1**	5.00	"	"	"	"	"	"	
Xylenes (total)	**22.6**	5.00	"	"	"	"	"	"	
Methyl tert-butyl ether	**371**	25.0	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*129 %*	*70-130*		"	"	"	"	
MW-6R (MKA0512-06) Water Sampled: 01/19/01 12:51 Received: 01/22/01 16:24									
Purgeable Hydrocarbons	**15000**	1000	ug/l	20	1A24001	01/24/01	01/24/01	DHS LUFT	P-03
Benzene	**1120**	10.0	"	"	"	"	"	"	
Toluene	**40.2**	10.0	"	"	"	"	"	"	
Ethylbenzene	**1240**	10.0	"	"	"	"	"	"	
Xylenes (total)	**2230**	10.0	"	"	"	"	"	"	
Methyl tert-butyl ether	**1670**	50.0	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*228 %*	*70-130*		"	"	"	"	*S-02*

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Blaine Tech Services (Shell)	Project: 3420 San Pablo Ave.	
1680 Rogers Avenue	Project Number: 3420 San Pablo Ave./ Oakland	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	02/04/01 13:23

Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-7 (MKA0512-07) Water Sampled: 01/19/01 12:51 Received: 01/22/01 16:24									
Purgeable Hydrocarbons	**1860000**	200000	ug/l	4000	1A26001	01/26/01	01/26/01	DHS LUFT	P-03
Benzene	ND	2000	"	"	"	"	"	"	
Toluene	ND	2000	"	"	"	"	"	"	
Ethylbenzene	ND	2000	"	"	"	"	"	"	
Xylenes (total)	**5790**	2000	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	10000	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*103 %*	*70-130*		"	"	"	"	
MW-8 (MKA0512-08) Water Sampled: 01/19/01 12:51 Received: 01/22/01 16:24									
Purgeable Hydrocarbons	**5590**	500	ug/l	10	1A24003	01/24/01	01/24/01	DHS LUFT	P-01
Benzene	**49.4**	5.00	"	"	"	"	"	"	
Toluene	**6.50**	5.00	"	"	"	"	"	"	
Ethylbenzene	**26.0**	5.00	"	"	"	"	"	"	
Xylenes (total)	**57.4**	5.00	"	"	"	"	"	"	
Methyl tert-butyl ether	**99.5**	25.0	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*105 %*	*70-130*		"	"	"	"	
MW-9 (MKA0512-09) Water Sampled: 01/19/01 12:51 Received: 01/22/01 16:24									
Purgeable Hydrocarbons	**6060**	500	ug/l	10	1B01003	02/01/01	02/01/01	DHS LUFT	P-01
Benzene	**180**	5.00	"	"	"	"	"	"	
Toluene	ND	5.00	"	"	"	"	"	"	
Ethylbenzene	**181**	5.00	"	"	"	"	"	"	
Xylenes (total)	**164**	5.00	"	"	"	"	"	"	
Methyl tert-butyl ether	**231**	25.0	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*98.9 %*	*70-130*		"	"	"	"	

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Blaine Tech Services (Shell)	Project: 3420 San Pablo Ave.	
1680 Rogers Avenue	Project Number: 3420 San Pablo Ave./ Oakland	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	02/04/01 13:23

Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-11 (MKA0512-10) Water Sampled: 01/19/01 12:51 Received: 01/22/01 16:24									
Purgeable Hydrocarbons	ND	50.0	ug/l	1	1A25003	01/25/01	01/25/01	DHS LUFT	
Benzene	ND	0.500	"	"	"	"	"	"	
Toluene	ND	0.500	"	"	"	"	"	"	
Ethylbenzene	ND	0.500	"	"	"	"	"	"	
Xylenes (total)	ND	0.500	"	"	"	"	"	"	
Methyl tert-butyl ether	**4.29**	2.50	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*84.5 %*		*70-130*	"	"	"	"	

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Blaine Tech Services (Shell)	Project: 3420 San Pablo Ave.	
1680 Rogers Avenue	Project Number: 3420 San Pablo Ave./ Oakland	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	02/04/01 13:23

MTBE Confirmation by EPA Method 8260A

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-1 (MKA0512-01) Water Sampled: 01/19/01 11:21 Received: 01/22/01 16:24									
Methyl tert-butyl ether	**3070**	100	ug/l	100	1A29013	01/29/01	01/29/01	EPA 8260A	
Surrogate: 1,2-Dichloroethane-d4		*112 %*		*70-130*	"	"	"	"	
MW-4 (MKA0512-04) Water Sampled: 01/19/01 13:56 Received: 01/22/01 16:24									
Methyl tert-butyl ether	**4330**	200	ug/l	200	1B02012	02/02/01	02/02/01	EPA 8260A	
Surrogate: 1,2-Dichloroethane-d4		*123 %*		*70-130*	"	"	"	"	

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Blaine Tech Services (Shell) 1680 Rogers Avenue San Jose CA, 95112	Project: 3420 San Pablo Ave. Project Number: 3420 San Pablo Ave./ Oakland Project Manager: Nick Sudano	**Reported:** 02/04/01 13:23

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1A24001 - EPA 5030B [P/T]										
Blank (1A24001-BLK1)				Prepared & Analyzed: 01/24/01						
Purgeable Hydrocarbons	ND	50.0	ug/l							
Benzene	ND	0.500	"							
Toluene	ND	0.500	"							
Ethylbenzene	ND	0.500	"							
Xylenes (total)	ND	0.500	"							
Methyl tert-butyl ether	ND	2.50	"							
Surrogate: a,a,a-Trifluorotoluene	*10.0*		"	*10.0*		*100*	*70-130*			
LCS (1A24001-BS1)				Prepared & Analyzed: 01/24/01						
Benzene	10.7	0.500	ug/l	10.0		107	70-130			
Toluene	10.2	0.500	"	10.0		102	70-130			
Ethylbenzene	10.3	0.500	"	10.0		103	70-130			
Xylenes (total)	30.9	0.500	"	30.0		103	70-130			
Surrogate: a,a,a-Trifluorotoluene	*10.1*		"	*10.0*		*101*	*70-130*			
Matrix Spike (1A24001-MS1)		**Source: MKA0512-03**		Prepared & Analyzed: 01/24/01						
Benzene	8.75	0.500	ug/l	10.0	ND	87.5	60-140			
Toluene	10.1	0.500	"	10.0	ND	101	60-140			
Ethylbenzene	10.1	0.500	"	10.0	ND	101	60-140			
Xylenes (total)	31.5	0.500	"	30.0	ND	105	60-140			
Surrogate: a,a,a-Trifluorotoluene	*10.7*		"	*10.0*		*107*	*70-130*			
Matrix Spike Dup (1A24001-MSD1)		**Source: MKA0512-03**		Prepared & Analyzed: 01/24/01						
Benzene	8.61	0.500	ug/l	10.0	ND	86.1	60-140	1.61	25	
Toluene	10.1	0.500	"	10.0	ND	101	60-140	0	25	
Ethylbenzene	10.1	0.500	"	10.0	ND	101	60-140	0	25	
Xylenes (total)	30.6	0.500	"	30.0	ND	102	60-140	2.90	25	
Surrogate: a,a,a-Trifluorotoluene	*11.2*		"	*10.0*		*112*	*70-130*			

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Sequoia Analytical

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

Blaine Tech Services (Shell)	Project: 3420 San Pablo Ave.	
1680 Rogers Avenue	Project Number: 3420 San Pablo Ave./ Oakland	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	02/04/01 13:23

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1A24003 - EPA 5030B [P/T]										
Blank (1A24003-BLK1)				Prepared & Analyzed: 01/24/01						
Purgeable Hydrocarbons	ND	50.0	ug/l							
Benzene	ND	0.500	"							
Toluene	ND	0.500	"							
Ethylbenzene	ND	0.500	"							
Xylenes (total)	ND	0.500	"							
Methyl tert-butyl ether	ND	2.50	"							
Surrogate: a,a,a-Trifluorotoluene	*8.31*		"	*10.0*		*83.1*	*70-130*			
LCS (1A24003-BS1)				Prepared & Analyzed: 01/24/01						
Purgeable Hydrocarbons	270	50.0	ug/l	250		108	70-130			
Surrogate: a,a,a-Trifluorotoluene	*14.0*		"	*10.0*		*140*	*70-130*			*S-02*
Matrix Spike (1A24003-MS1)		Source: MKA0475-01		Prepared & Analyzed: 01/24/01						
Purgeable Hydrocarbons	272	50.0	ug/l	250	ND	109	60-140			
Surrogate: a,a,a-Trifluorotoluene	*13.6*		"	*10.0*		*136*	*70-130*			*S-02*
Matrix Spike Dup (1A24003-MSD1)		Source: MKA0475-01		Prepared & Analyzed: 01/24/01						
Purgeable Hydrocarbons	255	50.0	ug/l	250	ND	102	60-140	6.45	25	
Surrogate: a,a,a-Trifluorotoluene	*12.5*		"	*10.0*		*125*	*70-130*			
Batch 1A25003 - EPA 5030B [P/T]										
Blank (1A25003-BLK1)				Prepared & Analyzed: 01/25/01						
Purgeable Hydrocarbons	ND	50.0	ug/l							
Benzene	ND	0.500	"							
Toluene	ND	0.500	"							
Ethylbenzene	ND	0.500	"							
Xylenes (total)	ND	0.500	"							
Methyl tert-butyl ether	ND	2.50	"							
Surrogate: a,a,a-Trifluorotoluene	*8.59*		"	*10.0*		*85.9*	*70-130*			

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Blaine Tech Services (Shell)	Project: 3420 San Pablo Ave.	
1680 Rogers Avenue	Project Number: 3420 San Pablo Ave./ Oakland	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	02/04/01 13:23

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1A25003 - EPA 5030B [P/T]										
LCS (1A25003-BS1)				Prepared & Analyzed: 01/25/01						
Benzene	9.67	0.500	ug/l	10.0		96.7	70-130			
Toluene	9.51	0.500	"	10.0		95.1	70-130			
Ethylbenzene	9.84	0.500	"	10.0		98.4	70-130			
Xylenes (total)	29.7	0.500	"	30.0		99.0	70-130			
Surrogate: a,a,a-Trifluorotoluene	*10.4*		"	*10.0*		*104*	*70-130*			
Matrix Spike (1A25003-MS1)		**Source: MKA0574-01**		Prepared & Analyzed: 01/25/01						
Benzene	9.50	0.500	ug/l	10.0	ND	95.0	60-140			
Toluene	9.54	0.500	"	10.0	ND	95.4	60-140			
Ethylbenzene	10.1	0.500	"	10.0	ND	101	60-140			
Xylenes (total)	30.6	0.500	"	30.0	ND	102	60-140			
Surrogate: a,a,a-Trifluorotoluene	*10.9*		"	*10.0*		*109*	*70-130*			
Matrix Spike Dup (1A25003-MSD1)		**Source: MKA0574-01**		Prepared & Analyzed: 01/25/01						
Benzene	9.61	0.500	ug/l	10.0	ND	96.1	60-140	1.15	25	
Toluene	9.82	0.500	"	10.0	ND	98.2	60-140	2.89	25	
Ethylbenzene	10.5	0.500	"	10.0	ND	105	60-140	3.88	25	
Xylenes (total)	30.6	0.500	"	30.0	ND	102	60-140	0	25	
Surrogate: a,a,a-Trifluorotoluene	*10.9*		"	*10.0*		*109*	*70-130*			
Batch 1A26001 - EPA 5030B [P/T]										
Blank (1A26001-BLK1)				Prepared & Analyzed: 01/26/01						
Purgeable Hydrocarbons	ND	50.0	ug/l							
Benzene	ND	0.500	"							
Toluene	ND	0.500	"							
Ethylbenzene	ND	0.500	"							
Xylenes (total)	ND	0.500	"							
Methyl tert-butyl ether	ND	2.50	"							
Surrogate: a,a,a-Trifluorotoluene	*10.1*		"	*10.0*		*101*	*70-130*			

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Blaine Tech Services (Shell)	Project: 3420 San Pablo Ave.	
1680 Rogers Avenue	Project Number: 3420 San Pablo Ave./ Oakland	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	02/04/01 13:23

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1A26001 - EPA 5030B [P/T]										
LCS (1A26001-BS1)				Prepared & Analyzed: 01/26/01						
Benzene	10.5	0.500	ug/l	10.0		105	70-130			
Toluene	9.77	0.500	"	10.0		97.7	70-130			
Ethylbenzene	9.85	0.500	"	10.0		98.5	70-130			
Xylenes (total)	29.6	0.500	"	30.0		98.7	70-130			
Surrogate: a,a,a-Trifluorotoluene	*10.1*		"	*10.0*		*101*	*70-130*			
Matrix Spike (1A26001-MS1)		**Source: MKA0539-11**		Prepared & Analyzed: 01/26/01						
Benzene	9.44	0.500	ug/l	10.0	ND	94.4	60-140			
Toluene	10.2	0.500	"	10.0	ND	102	60-140			
Ethylbenzene	9.92	0.500	"	10.0	ND	99.2	60-140			
Xylenes (total)	31.2	0.500	"	30.0	ND	104	60-140			
Surrogate: a,a,a-Trifluorotoluene	*10.1*		"	*10.0*		*101*	*70-130*			
Matrix Spike Dup (1A26001-MSD1)		**Source: MKA0539-11**		Prepared & Analyzed: 01/26/01						
Benzene	9.19	0.500	ug/l	10.0	ND	91.9	60-140	2.68	25	
Toluene	10.1	0.500	"	10.0	ND	101	60-140	0.985	25	
Ethylbenzene	10.1	0.500	"	10.0	ND	101	60-140	1.80	25	
Xylenes (total)	30.9	0.500	"	30.0	ND	103	60-140	0.966	25	
Surrogate: a,a,a-Trifluorotoluene	*9.81*		"	*10.0*		*98.1*	*70-130*			
Batch 1B01003 - EPA 5030B [P/T]										
Blank (1B01003-BLK1)				Prepared & Analyzed: 02/01/01						
Purgeable Hydrocarbons	ND	50.0	ug/l							
Benzene	ND	0.500	"							
Toluene	ND	0.500	"							
Ethylbenzene	ND	0.500	"							
Xylenes (total)	ND	0.500	"							
Methyl tert-butyl ether	ND	2.50	"							
Surrogate: a,a,a-Trifluorotoluene	*9.16*		"	*10.0*		*91.6*	*70-130*			

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Blaine Tech Services (Shell)	Project: 3420 San Pablo Ave.	
1680 Rogers Avenue	Project Number: 3420 San Pablo Ave./ Oakland	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	02/04/01 13:23

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

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1B01003 - EPA 5030B [P/T]										
LCS (1B01003-BS1)				Prepared & Analyzed: 02/01/01						
Benzene	9.21	0.500	ug/l	10.0		92.1	70-130			
Toluene	9.57	0.500	"	10.0		95.7	70-130			
Ethylbenzene	10.0	0.500	"	10.0		100	70-130			
Xylenes (total)	29.4	0.500	"	30.0		98.0	70-130			
Surrogate: a,a,a-Trifluorotoluene	*9.23*		"	*10.0*		*92.3*	*70-130*			
Matrix Spike (1B01003-MS1)		**Source: MKA0781-01**		Prepared & Analyzed: 02/01/01						
Benzene	9.36	0.500	ug/l	10.0	ND	93.6	60-140			
Toluene	9.67	0.500	"	10.0	ND	96.7	60-140			
Ethylbenzene	10.0	0.500	"	10.0	ND	100	60-140			
Xylenes (total)	30.2	0.500	"	30.0	ND	101	60-140			
Surrogate: a,a,a-Trifluorotoluene	*9.98*		"	*10.0*		*99.8*	*70-130*			
Matrix Spike Dup (1B01003-MSD1)		**Source: MKA0781-01**		Prepared & Analyzed: 02/01/01						
Benzene	9.68	0.500	ug/l	10.0	ND	96.8	60-140	3.36	25	
Toluene	9.87	0.500	"	10.0	ND	98.7	60-140	2.05	25	
Ethylbenzene	9.93	0.500	"	10.0	ND	99.3	60-140	0.702	25	
Xylenes (total)	30.5	0.500	"	30.0	ND	102	60-140	0.988	25	
Surrogate: a,a,a-Trifluorotoluene	*10.3*		"	*10.0*		*103*	*70-130*			

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Blaine Tech Services (Shell)	Project. 3420 San Pablo Ave.	
1680 Rogers Avenue	Project Number: 3420 San Pablo Ave./ Oakland	**Reported:**
San Jose CA, 95112	Project Manager. Nick Sudano	02/04/01 13:23

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1A29013 - EPA 5030B [P/T]										
Blank (1A29013-BLK1)				Prepared & Analyzed: 01/29/01						
Methyl tert-butyl ether	ND	1.00	ug/l							
Surrogate: 1,2-Dichloroethane-d4	*10.6*		"	*10.0*		*106*	*70-130*			
LCS (1A29013-BS1)				Prepared & Analyzed: 01/29/01						
Methyl tert-butyl ether	12.4	1.00	ug/l	10.0		124	70-130			
Surrogate: 1,2-Dichloroethane-d4	*11.5*		"	*10.0*		*115*	*70-130*			
Matrix Spike (1A29013-MS1)		Source: MKA0464-06		Prepared & Analyzed: 01/29/01						
Methyl tert-butyl ether	239	20.0	ug/l	200	26.2	106	70-130			
Surrogate: 1,2-Dichloroethane-d4	*15.0*		"	*10.0*		*150*	*70-130*			*S-04*
Matrix Spike Dup (1A29013-MSD1)		Source: MKA0464-06		Prepared & Analyzed: 01/29/01						
Methyl tert-butyl ether	259	20.0	ug/l	200	26.2	116	70-130	8.03	25	
Surrogate: 1,2-Dichloroethane-d4	*16.0*		"	*10.0*		*160*	*70-130*			*S-04*
Batch 1B02012 - EPA 5030B [P/T]										
Blank (1B02012-BLK1)				Prepared & Analyzed: 02/02/01						
Methyl tert-butyl ether	ND	1.00	ug/l							
Surrogate: 1,2-Dichloroethane-d4	*10.4*		"	*10.0*		*104*	*70-130*			
LCS (1B02012-BS1)				Prepared & Analyzed: 02/02/01						
Methyl tert-butyl ether	11.7	1.00	ug/l	10.0		117	70-130			
Surrogate: 1,2-Dichloroethane-d4	*12.0*		"	*10.0*		*120*	*70-130*			
Matrix Spike (1B02012-MS1)		Source: MKA0781-10		Prepared & Analyzed: 02/02/01						
Methyl tert-butyl ether	200	10.0	ug/l	100	117	83.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	*10.8*		"	*10.0*		*108*	*70-130*			

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Blaine Tech Services (Shell)	Project: 3420 San Pablo Ave.	
1680 Rogers Avenue	Project Number: 3420 San Pablo Ave./ Oakland	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	02/04/01 13:23

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1B02012 - EPA 5030B [P/T]										
Matrix Spike Dup (1B02012-MSD1)	**Source: MKA0781-10**			Prepared & Analyzed: 02/02/01						
Methyl tert-butyl ether	224	10.0	ug/l	100	117	107	70-130	11.3	25	
Surrogate: 1,2-Dichloroethane-d4	*9.54*		"	*10.0*		*95.4*	*70-130*			

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Blaine Tech Services (Shell)	Project: 3420 San Pablo Ave.	
1680 Rogers Avenue	Project Number: 3420 San Pablo Ave./ Oakland	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	02/04/01 13:23

Notes and Definitions

A-01	MTBE WAS PREPARED ON 1/24/01.
M-03	Sample was analyzed at a second dilution
P-01	Chromatogram Pattern: Gasoline C6-C12
P-03	Chromatogram Pattern: Unidentified Hydrocarbons C6-C12
S-02	The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

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LAB: Sequoia

EQUIVA Services LLC Chain Of Custody Record

ab Identification (if necessary):

ddress:

ty, State, Zip:

Equiva Project Manager to be invoiced:

☑ SCIENCE & ENGINEERING
☐ TECHNICAL SERVICES
☐ CRMT HOUSTON

Karen Petryna

MKA 0512

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

SAP or CRMT NUMBER (TS/CRMT):

DATE: 1/19/01

PAGE: 1 of 2

JLTANT COMPANY:
e Tech Services

SS:
Rogers Avenue

Jose, CA 95112

PHONE: 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 # 010119-X2

SAMPLER NAME(S) (Print): HOYT RYACES

LAB USE ONLY

NAROUND TIME (BUSINESS DAYS):
0 DAYS ☐ 5 DAYS ☐ 72 HOURS ☐ 48 HOURS ☐ 24 HOURS ☐ LESS THAN 24 HOURS

A - RWQCB REPORT FORMAT ☐ UST AGENCY:

AS MTBE CONFIRMATION: HIGHEST X HIGHEST per BORING ALL

CIAL INSTRUCTIONS OR NOTES:
confirm MTBE IN MW-1 by 8260

TEMPERATURE ON RECEIPT C°

REQUESTED ANALYSIS

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 ✓	1/19/01	1121	W	3	X	X	X					X	01
MW-2 ✓		1447			X	X	X					X	02
MW-3R ✓		1034			X	X	X					X	03
MW-4 ✓		1356			X	X	X					X	04
MW-5 ✓		1429			X	X	X					X	05
MW-6R ✓		1251			X	X	X					X	06
MW-7 ✓		1455			X	X	X					X	07
MW-8 ✓		1441			X	X	X					X	08
MW-9 ✓		1414			X	X	X					X	09
~~MW-10~~					X	X	X					X	

Relinquished by: (Signature)	Received by: (Signature)	Date: 1/22/01	Time: 2:00
Relinquished by: (Signature)	Received by: (Signature)	Date: 1/22/01	Time:
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time

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

10/16/00 Revision

Q&Q Graphic (714) 898-8702

LAB: Sequoia

EQUIVA Services LLC Chain Of Custody Record

Equiva Project Manager to be Invoiced: Karen Petryna

☑ SCIENCE & ENGINEERING ☐ TECHNICAL SERVICES ☐ CRMT HOUSTON

MKA #512

INCIDENT NUMBER (S&E ONLY): 98995748

SAP or CRMT NUMBER (TS/CRMT):

DATE: 1/19/01

PAGE: 2 of 2

ANT COMPANY: Tech Services

ogers Avenue

se, CA 95112

ONE: 3-0555 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 # 010119-X2

SAMPLER NAME(S) (Print): HOYT RYALES

LAB USE ONLY

AROUND TIME (BUSINESS DAYS): DAYS ☐ 5 DAYS ☐ 72 HOURS ☐ 48 HOURS ☐ 24 HOURS ☐ LESS THAN 24 HOURS

- RWQCB REPORT FORMAT ☐ UST AGENCY: _____

MTBE CONFIRMATION: HIGHEST X HIGHEST per BORING _____ ALL _____

AL INSTRUCTIONS OR NOTES: TEMPERATURE ON RECEIPT C°

REQUESTED ANALYSIS

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-11 ✓	1/19/01	0920	W	3	X	X	X					X	lc

ished by: (Signature)

ished by: (Signature)

ied by: (Signature)

Received by: (Signature)

Received by: (Signature)

Received by: (Signature)

Date: 1/22/01 Time: 2:00

Date: 1/22/01 Time:

Date: Time:

Q&Q Graphic (714) 898-9702

10/16/00 Revision

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Sequoia
Analytical

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14 February, 2001

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

RE: 3420 San Pablo Ave.
Sequoia Report: MKA0783

Enclosed are the results of analyses for samples received by the laboratory on 01/31/01 11:12. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Wayne Stevenson
Client Services Manager

CA ELAP Certificate #1210

Sequoia Analytical

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Blaine Tech Services (Shell)	Project: 3420 San Pablo Ave.	
1680 Rogers Avenue	Project Number: 3420 San Pablo Ave./ Oakland	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	02/14/01 11:51

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-10	MKA0783-01	Water	01/30/01 10:39	01/31/01 11:12

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Wayne Stevenson, Client Services Manager

Sequoia Analytical

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Blaine Tech Services (Shell)	Project: 3420 San Pablo Ave.	
1680 Rogers Avenue	Project Number: 3420 San Pablo Ave./ Oakland	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	02/14/01 11:51

Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-10 (MKA0783-01) Water Sampled: 01/30/01 10:39 Received: 01/31/01 11:12									
Purgeable Hydrocarbons	**6920**	1000	ug/l	20	1B01002	02/01/01	02/01/01	DHS LUFT	P-03
Benzene	**362**	10.0	"	"	"	"	"	"	
Toluene	**14.2**	10.0	"	"	"	"	"	"	
Ethylbenzene	**22.7**	10.0	"	"	"	"	"	"	
Xylenes (total)	ND	10.0	"	"	"	"	"	"	
Methyl tert-butyl ether	**138**	50.0	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*107 %*		*70-130*		"	"	"	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Sequoia Analytical

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

Blaine Tech Services (Shell)	Project: 3420 San Pablo Ave.	
1680 Rogers Avenue	Project Number: 3420 San Pablo Ave./ Oakland	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	02/14/01 11:51

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1B01002 - EPA 5030B [P/T]										
Blank (1B01002-BLK1)				Prepared & Analyzed: 02/01/01						
Purgeable Hydrocarbons	ND	50.0	ug/l							
Benzene	ND	0.500	"							
Toluene	ND	0.500	"							
Ethylbenzene	ND	0.500	"							
Xylenes (total)	ND	0.500	"							
Methyl tert-butyl ether	ND	2.50	"							
Surrogate: a,a,a-Trifluorotoluene	*9.62*		"	*10.0*		*96.2*	*70-130*			
LCS (1B01002-BS1)				Prepared & Analyzed: 02/01/01						
Purgeable Hydrocarbons	233	50.0	ug/l	250		93.2	70-130			
Surrogate: a,a,a-Trifluorotoluene	*9 04*		"	*10.0*		*90.4*	*70-130*			
Matrix Spike (1B01002-MS1)	**Source: MKA0781-03**			Prepared & Analyzed: 02/01/01						
Purgeable Hydrocarbons	229	50.0	ug/l	250	ND	91.6	60-140			
Surrogate: a,a,a-Trifluorotoluene	*10 7*		"	*10.0*		*107*	*70-130*			
Matrix Spike Dup (1B01002-MSD1)	**Source: MKA0781-03**			Prepared & Analyzed: 02/01/01						
Purgeable Hydrocarbons	245	50.0	ug/l	250	ND	98.0	60-140	6.75	25	
Surrogate: a,a,a-Trifluorotoluene	*10.7*		"	*10 0*		*107*	*70-130*			

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Blaine Tech Services (Shell) 1680 Rogers Avenue San Jose CA, 95112	Project: 3420 San Pablo Ave. Project Number: 3420 San Pablo Ave./ Oakland Project Manager: Nick Sudano	**Reported:** 02/14/01 11:51

Notes and Definitions

P-03	Chromatogram Pattern: Unidentified Hydrocarbons C6-C12
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

LAB: Sequoia

Lab Identification (if necessary):

Address:

City, State, Zip:

EQUIVA Services LLC Chain Of Custody Record

Equiva Project Manager to be Invoiced:

☑ SCIENCE & ENGINEERING
☐ TECHNICAL SERVICES
☐ CRMT HOUSTON

Karen Petryna

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

SAP or CRMT NUMBER (TS/CRMT):

DATE: 01/30/01

PAGE: 1 of 1

SAMPLING 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

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 ____ HIGHEST per BORING ____ ALL ____

SPECIAL INSTRUCTIONS OR NOTES: TEMPERATURE ON RECEIPT C°

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

PROJECT CONTACT (Report to): Nick Sudano

CONSULTANT PROJECT NO.: BTS # 010130-K1

SAMPLER NAME(S) (Print): HOYT RYALES

LAB USE ONLY

REQUESTED ANALYSIS

Field Sample Identification	DATE	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-10	1/30/01	1039	W	3	X	X	X																MKA0783

Relinquished by: (Signature) [signature] | Received by: (Signature) [signature] | Date: 1/31/01 | Time: 10:20

Relinquished by: (Signature) | Received by: (Signature) | Date: | Time:

Relinquished by: (Signature) | Received by: (Signature) | Date: | Time:

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

C&D Graphics (714) 895-8702 | 10/13/00 Revision

JAN-31-01 09:33 BLAINE TECH SERVICES, INC TEL:408 573 7771 P.002

WELL GAUGING DATA

Project # 010130-X1 Date 01/30/01 Client EQUIVA

Site 3420 San Pablo Av OAKLAND CA

Well ID	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC	
MW-10	4					7.32	18.79	TOC	

EQUIVA WELL MONITORING DATA SHEET

BTS #: 010130-K1	Site: 9989 5748
Sampler: HOYT	Date: 01/30/01
Well I.D.: MW-10	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: 18.79	Depth to Water: 7.32
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): (YSI) HACH

Purge Method:
- Bailer
- Disposable Bailer
- (Middleburg)
- Electric Submersible
- Waterra
- Peristaltic
- Extraction Pump
- Other_____

Sampling Method: (Bailer)
- Disposable Bailer
- Extraction Port
- Dedicated Tubing
- Other: _____

7.4 (Gals.) X	3	= 22.3 Gals.
1 Case Volume	Specified Volumes	Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
1009	62.9	7.21	1206	46.8	7.5	
1023	62.7	7.99	1157	32.0	15	
1037	62.8	7.50	1115	27.2	23	

Did well dewater? Yes (No)	Gallons actually evacuated: 23
Sampling Time: 1039	Sampling Date: 01/30/01
Sample I.D.: MW-10	Laboratory: (Sequoia) Columbia Other_____
Analyzed for: (TPH-G BTEX MTBE) TPH-D	Other:
EB I.D. (if applicable): @ Time	Duplicate I.D. (if applicable):
Analyzed for: TPH-G BTEX MTBE TPH-D	Other:

D.O. (if req'd):	Pre-purge:	mg/L	(Post-purge:)	2.2 mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

WELL GAUGING DATA

Project # 010119-XZ Date 01/19/01 Client EQUIVA

Site 3420 SAN PABLO AV OAKLAND CA

Well ID	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC	
mw-1	4					3.90	24.35		
mw-2	4					5.96	19.25		
mw-3R	2					7.04	28.22		
mw-4	4					7.25	19.15		
mw-5	4					5.05	24.84		
mw-6R	2					6.16	24.43		
mw-7	4					5.18	19.54		
mw-8	4					5.35	18.74		
mw-9	4					5.39	19.68		
mw-10	4	Car Parked on Well @0930					18.80		
mw-11	4					5.95	18.92		

EQUIVA WELL MONITORING DATA SHEET

BTS #: 010119-X2	Site: 99895748
Sampler: HoyT	Date: 1/19/01
Well I.D.: mw-1	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth: 24.35	Depth to Water: 3.90
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI (HACH)

Purge Method:
- Bailer
- Disposable Bailer
- Middleburg
- ~~Electric Submersible~~
- Waterra
- Peristaltic
- Extraction Pump
- Other_____

Sampling Method: (Bailer)
- Disposable Bailer
- Extraction Port
- Dedicated Tubing
- Other: _____

13.2 (Gals.) X 3 = 39.8 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
1113	65.8	6.96	827	34.3	13.5	
1115	65.8	6.98	823	38.5	27	
1117	66.1	6.97	825	32.9	40	

Did well dewater? Yes (No)	Gallons actually evacuated: 40
Sampling Time: 1121	Sampling Date: 1/19/01
Sample I.D.: mw-1	Laboratory: (Sequoia) Columbia Other_____
Analyzed for: (TPH-G BTEX MTBE) TPH-D	Other:
EB I.D. (if applicable): @ Time	Duplicate I.D. (if applicable):
Analyzed for: TPH-G BTEX MTBE TPH-D	Other:

D.O. (if req'd):	Pre-purge:	mg/L	(Post-purge:) 1.8	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

EQUIVA WELL MONITORING DATA SHEET

BTS #: 010119-X2	Site: 99895748
Sampler: HOYT	Date: 1/19/01
Well I.D.: MW-2	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth: 19.25	Depth to Water: 5.96
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI (HACH)

Purge Method:
- Bailer
- Disposable Bailer
- Middleburg
- (Electric Submersible)
- Waterra
- Peristaltic
- Extraction Pump
- Other_____

Sampling Method: (Bailer)
- Disposable Bailer
- Extraction Port
- Dedicated Tubing
- Other: _____

8.6 (Gals.) X 3 = 25.9 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
13.28	65.0	6.63	837	51.8	9	Well Dewatered @ 13gal DTW 17.96
1446	DTW	@ 5.70				

Did well dewater? (Yes) No — Gallons actually evacuated: 13

Sampling Time: 1447 — Sampling Date: 1/19/01

Sample I.D.: MW-2 — Laboratory: (Sequoia) Columbia Other_____

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

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

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

D.O. (if req'd):	Pre-purge:	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

BTS #: 010119-X2	Site: 99895748
Sampler: HoyT	Date: 1/19/01
Well I.D.: MW-3R	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 28.22	Depth to Water: 7.04
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI (HACH)

Purge Method:
- Bailer
- Disposable Bailer
- (Middleburg)
- Electric Submersible
- Waterra
- Peristaltic
- Extraction Pump
- Other_____

Sampling Method: (Bailer)
- Disposable Bailer
- Extraction Port
- Dedicated Tubing
- Other: _____

3.3 (Gals.) X	3	=	10.1 Gals.
1 Case Volume	Specified Volumes		Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
1025	63.0	6.80	662	>200	3.5	
1028	64.4	6.70	649	>200	7	
1031	64.8	6.69	6.51	>200	11	

Did well dewater? Yes (No)	Gallons actually evacuated: 11
Sampling Time: 1034	Sampling Date: 1/19/01
Sample I.D.: MW-3R	Laboratory: (Sequoia) Columbia Other_____
Analyzed for: (TPH-G BTEX MTBE) TPH-D	Other:
EB I.D. (if applicable): @ Time	Duplicate I.D. (if applicable):
Analyzed for: TPH-G BTEX MTBE TPH-D	Other:

D.O. (if req'd):	Pre-purge:	mg/L	(Post-purge:)	2.0 mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

EQUIVA WELL MONITORING DATA SHEET

BTS #: 010119-X2	Site: 99895748
Sampler: HOYT	Date: 1/19/01
Well I.D.: MW-4	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: 19.15	Depth to Water: 7.25
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI (HACH)

Purge Method:
- Bailer
- Disposable Bailer
- Middleburg
- (Electric Submersible)
- Waterra
- Peristaltic
- Extraction Pump
- Other_____

Sampling Method: (Bailer)
- Disposable Bailer
- Extraction Port
- Dedicated Tubing
- Other: _____

7.7 (Gals.) X	3	= 23.2 Gals.
1 Case Volume	Specified Volumes	Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
1052	64.1	6.65	1078	55.4	8	Odor
1053	66.4	6.73	1084	7200	16	well dewater DTW 17.24
					~~24~~	
1355	DTW	7.31				

Did well dewater? (Yes) No		Gallons actually evacuated: 16	
Sampling Time: 1356		Sampling Date: 1/19/01	
Sample I.D.: MW-4		Laboratory: (Sequoia) Columbia Other_____	
Analyzed for: (TPH-G BTEX MTBE) TPH-D		Other:	
EB I.D. (if applicable): @ Time		Duplicate I.D. (if applicable):	
Analyzed for: TPH-G BTEX MTBE TPH-D		Other: After Sample	
D.O. (if req'd):	Pre-purge: ___ mg/L	~~Post-purge:~~	1.8 mg/L
O.R.P. (if req'd):	Pre-purge: ___ mV	Post-purge:	___ mV

EQUIVA WELL MONITORING DATA SHEET

BTS #: 010119-X2	Site: 99895748
Sampler: HoyT	Date: 1/19/01
Well I.D.: MW-5	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: 24.84	Depth to Water: ~~24.84~~ 5.05
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI (HACH)

Purge Method:

Bailer
Disposable Bailer
Middleburg
(Electric Submersible)
Waterra
Peristaltic
Extraction Pump
Other_____

Sampling Method: (Bailer)

Disposable Bailer
Extraction Port
Dedicated Tubing
Other: _____

12.8 (Gals.) X 3 = 38.5 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
1221	62.4	7.03	630	50.4	13	odor
1223	64.6	6.97	633	>200	26	well dewatered @ 26gal / OTW 22.23
1428	OTW	5.74				

Did well dewater? (Yes) No — Gallons actually evacuated: 26

Sampling Time: 1429 — Sampling Date: 1/19/01

Sample I.D.: MW-5 — Laboratory: (Sequoia) Columbia Other_____

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

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

Analyzed for: TPH-G BTEX MTBE TPH-D — Other: After Sample

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

EQUIVA WELL MONITORING DATA SHEET

BTS #: 010119-X2	Site: 99895748
Sampler: HoyT	Date: 1/19/01
Well I.D.: mw-6R	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth: 24.43	Depth to Water: 6.16
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI (HACH)

Purge Method:
- Bailer
- Disposable Bailer
- (Middleburg)
- ~~Electric Submersible~~
- Waterra
- Peristaltic
- Extraction Pump
- Other_____

Sampling Method: (Bailer)
- Disposable Bailer
- Extraction Port
- Dedicated Tubing
- Other: _____

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

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

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
1241	65.8	7.12	1109	>200	3	
1244	67.1	7.13	1114	>200	6	
1247	67.2	7.01	1126	>200	9	

Did well dewater? Yes (No) Gallons actually evacuated: 9

Sampling Time: 1251 Sampling Date: 1/19/01

Sample I.D.: mw-6R Laboratory: (Sequoia) Columbia Other_____

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

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

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

D.O. (if req'd):	Pre-purge:	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

BTS #: 010119-X2	Site: 99895748
Sampler: HoyT	Date: 1/19/01
Well I.D.: MW-7	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: 19.54	Depth to Water: 5.18
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI (HACH)

Purge Method:
- Bailer
- Disposable Bailer
- Middleburg
- ~~Electric Submersible~~
- Waterra
- Peristaltic
- Extraction Pump
- Other_____

Sampling Method: (Bailer)
- Disposable Bailer
- Extraction Port
- Dedicated Tubing
- Other: _____

9.3 (Gals.) X	3	= 28.0 Gals.
1 Case Volume	Specified Volumes	Calculated Volume

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

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
1342	64.2	7.03	308	103.8	109.5	Well Dewatered at 18gal DTW 18.41
1454	DTW @ 15.84					

Did well dewater? (Yes) No		Gallons actually evacuated: 18	
Sampling Time: 1455		Sampling Date: 1/19/01	
Sample I.D.: MW-7		Laboratory: (Sequoia) Columbia Other_____	
Analyzed for: (TPH-G BTEX MTBE) TPH-D		Other:	
EB I.D. (if applicable): @ Time		Duplicate I.D. (if applicable):	
Analyzed for: TPH-G BTEX MTBE TPH-D		Other:	
D.O. (if req'd):	Pre-purge: ___ 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

BTS #: 010119-X2	Site: 99895748
Sampler: HoyT	Date: 1/19/01
Well I.D.: mw-8	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: 18.74	Depth to Water: 5.35
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI (HACH)

Purge Method:
- Bailer
- Disposable Bailer
- Middleburg
- (Electric Submersible)
- Waterra
- Peristaltic
- Extraction Pump
- Other_____

Sampling Method: (Bailer)
- Disposable Bailer
- Extraction Port
- Dedicated Tubing
- Other: _____

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

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

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
1314	63.5	6.98	537	67.5	9	Well Dewatered @ 16 gal DTW 16.35
1440	DTW @	12.71				

Did well dewater? (Yes) No — Gallons actually evacuated: 16

Sampling Time: 1441 — Sampling Date: 1/19/01

Sample I.D.: mw-8 — Laboratory: (Sequoia) Columbia Other_____

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

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

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

D.O. (if req'd):	Pre-purge:	mg/L	~~Post-purge:~~	1.8 mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

EQUIVA WELL MONITORING DATA SHEET

BTS #: 010119-X2	Site: 99895748
Sampler: HoyT	Date: 1/19/01
Well I.D.: mw-9	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth: 19.68	Depth to Water: 5.39
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI (HACH)

Purge Method:

Bailer	Waterra	
Disposable Bailer	Peristaltic	
Middleburg	Extraction Pump	
(Electric Submersible)	Other_____	

Sampling Method: (Bailer)

Disposable Bailer	
Extraction Port	
Dedicated Tubing	
Other: _____	

9.2 (Gals.) X 3 = 27.8 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

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

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
11:41	65.3	6.78	8.15	03.9	9.5	
					19	Well dewated at 19 gal DTW 18.28 @ 13:51
1413	DTW	14.13	12-96			

Did well dewater? (Yes) No Gallons actually evacuated: 13

Sampling Time: 1414 Sampling Date: 1/19/01

Sample I.D.: mw-9 Laboratory: (Sequoia) Columbia Other_____

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

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

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

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

EQUIVA WELL MONITORING DATA SHEET

BTS #: 010119-X2	Site: 99895748
Sampler: HOYT	Date: 01/19/01
Well I.D.: MW-10	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth:	Depth to Water:
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	D.O. Meter (if req'd): (YSI) HACH

Purge Method:
- Bailer
- Disposable Bailer
- Middleburg
- Electric Submersible
- Waterra
- Peristaltic
- Extraction Pump
- Other_____

Sampling Method: (Bailer)
- Disposable Bailer
- Extraction Port
- Dedicated Tubing
- Other: _____

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

_____(Gals.) X _____ = _____ Gals.
1 Case Volume | Specified Volumes | Calculated Volume

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
1200	Car	Parked on well				
1510	Car	Parked on well				

Did well dewater? Yes No		Gallons actually evacuated:	
Sampling Time:		Sampling Date: 1/19/01	
Sample I.D.: MW-10		Laboratory: (Sequoia) Columbia Other_____	
Analyzed for: (TPH-G BTEX MTBE) TPH-D		Other:	
EB I.D. (if applicable): @ Time		Duplicate I.D. (if applicable):	
Analyzed for: TPH-G BTEX MTBE TPH-D		Other:	
D.O. (if req'd):	Pre-purge:	mg/L (Post-purge)	mg/L
O.R.P. (if req'd):	Pre-purge:	mV Post-purge:	mV

EQUIVA WELL MONITORING DATA SHEET

BTS #: 010119-X2	Site: 99895748
Sampler: HOYT	Date: 1/19/01
Well I.D.: MW-11	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth: 18.82	Depth to Water: 5.95
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI (HACH)

Purge Method:
- Bailer
- Disposable Bailer
- Middleburg
- (Electric Submersible)
- Waterra
- Peristaltic
- Extraction Pump
- Other_____

Sampling Method: (Bailer)
- Disposable Bailer
- Extraction Port
- Dedicated Tubing
- Other: _____

8.3 (Gals.) X 3 = 25.0 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

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

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
0914	62.4	6.97	901	111.7	8.5	
0915	64.8	6.80	927	188.2	~~17~~	
0916	65.6	6.79	890	120.5	26	

Did well dewater? Yes (No)		Gallons actually evacuated: 26	
Sampling Time: 0920		Sampling Date: 1/19/01	
Sample I.D.: MW-11		Laboratory: (Sequoia) Columbia Other____	
Analyzed for: (TPH-G BTEX MTBE) TPH-D		Other:	
EB I.D. (if applicable):	@ Time	Duplicate I.D. (if applicable):	
Analyzed for: TPH-G BTEX MTBE TPH-D		Other:	
D.O. (if req'd):	Pre-purge: ____ mg/L	(Post-purge:)	1.6 mg/L
O.R.P. (if req'd):	Pre-purge: ____ mV	Post-purge:	____ mV

ATTACHMENT B

Monitoring Well Survey Report

Virgil Chavez Land Surveying
312 Georgia Street, Suite 225
Vallejo, California 94590-5907
(707) 553-2476 • Fax (707) 553-8698

March 9, 2001
Project No. 1603-14A

James Loetterle
Cambria Environmental
1144-65th Street, Suite C
Oakland, CA 94608

Subject: Monitoring Well Survey
Shell Service Station
3420 San Pablo Ave.
Oakland, CA

Dear James:

This is to confirm that we have proceeded at your request to survey the ground water monitoring wells located at the above referenced location to tie into mean sea level. The survey was performed February 26, 2001. The benchmark used for the survey was a City of Oakland benchmark, being a pin in monument at 35th Street and Market Street. Measurements taken at approximate north side of top of box and top of casing. The coordinates are assumed.
Benchmark Elev. = 37.71 feet, (NGVD 29).

Well No.	Rim Elevation	TOC Elevation	Northing	Easting
MW - 1	32.50'	32.01'	5009.25	4982.46
MW - 2	32.97'	32.54'	5109.18	4954.72
MW - 3	33.08'	32.79'	4970.66	5057.21
MW - 4	32.23'	31.88'	4994.60	4955.91
MW - 5	33.00'	32.67'	4953.84	5013.82
MW - 6	33.49'	33.15'	4971.06	5020.75
MW - 7	32.05'	31.31'	5045.14	4928.82
MW - 8	32.49'	32.11'	5100.21	4913.11
MW - 9	32.60'	32.15'	5156.53	4971.33
MW - 10	31.18'	30.75'	5000.47	4856.16
MW - 11	33.37'	32.99'	5130.32	5097.84

LICENSED LAND SURVEYOR
VIRGIL D. CHAVEZ
No. 6323
Exp. 12-31-02
STATE OF CALIFORNIA

Sincerely,

Virgil D. Chavez

Virgil D. Chavez, PLS 6323

ATTACHMENT C

DWR Well Logs

15/4W-23

JOHN N. MILLER
PRESIDENT

C. A. ORNBAUM
VICE PRESIDENT

L. MILLER
SECRETARY

61

CALIFORNIA LINEN SUPPLY CO., INC.

01-741

BRANCH OFFICE
989 41st STREET
OAKLAND, CALIF.

TELEPHONE
PIEDMONT 3490

HEAD OFFICE
1246 FOLSOM STREET

TELEPHONE MARKET 1386

SAN FRANCISCO

LOGG OF OUTSIDE WELL OF PEARL LAUNDRY CO.

Top of ground

25 feet

23 feet top

Water perforation 10ft. Total 48 feet from ground

Hard clay and cement.

Sand and gravel

Water perforation 20ft. 180 feet from top ground.

Hard clay, cement and sand stone.

Up to 400 Feet.
10 inch pipe down.

8 inch pipe down 110 feet.

5 feet sand and gravel on bed rock

Water perforation 14 ft. BED ROCK

Depth of well 510 feet in all.
Finished July 30-August 1, 1926, by

H. W. NORMAN.

15/a - 23

33)

01-738

Job #1047. Toscani Bakery, 899 - 40th.St

LOG OF WELL

Took over well at			50	feet
Sandy clay	50	to	60	"
Yellow clay	60	"	82	"
Cement gravel	82	"	83	"
Yellow clay	83	"	90	"
Sandy clay	90	"	97	"
Gravel	97	"	102	"
Sandy clay	102	"	106	"
Clay	106	"	108	"

About 54' of 10" casing put in by Hall.

108 feet of 8" No. 14 R. H. Collar Casing with 50 feet of machine perforations & Welded reband.

Foreman J. Carrere.

Well finished May 8 - 1928.

23

01-745

Job #1744. City of Paris Cleaning & Dyeing Works,
3516 - Adeline Street, Oakland.

LOG OF WELL.

Black adobe			3 feet.
Hard yellow clay	3 to	18	"
Small water gravel	18 "	20	"
Hard yellow sandy clay	20 "	34	"
Coarse water gravel	34 "	37	"
Hard brown sandy clay	37 "	38	"
Hard blue sandy clay	38 "	49	"
Hard yellow clay	49 "	80	"
Hard brown clay, some rock in it	80 "	97	"

From 42 feet to 97 feet open hole no casing in it.

42 feet 8" No. 14 R. H. Collar Casing with 10 perforated 1/8" open slot
30 feet 6" No. 16 R. H. Collar Casing with 12' perforated.

Water 16 feet from top of casing.

DWR 429

STATE OF CALIFORNIA
DEPARTMENT OF WATER RESOURCES

State No. 01-746

WELL DATA

Owner _____
Address 2516 [illegible] St. Erik [illegible]
Tenant _____
Address _____

State No. 1S/1W-23M1
Other No. _____

Type of Well: Hydrograph ☐ Key ☐ Index ☐ Semiannual ☐
Location: County _____ Basin _____ No. _____
U.S.G.S. Quad. OAKLAND WEST Quad. No. _____
_____ ¼ _____ ¼ Section _____, Twp. _____, Rge. _____ MD SB H Base & Meridian
Description 70' S. W/o 35th St.
120' N. E/o Adeline St.

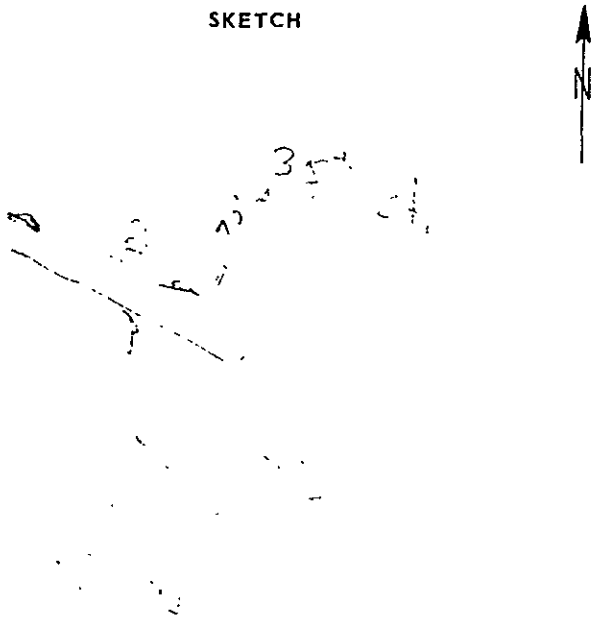
Reference Point description Ref. pt.

which is _____ ft. above / below land surface. Ground Elevation _____ ft.
Reference Point Elev. _____ ft. Determined from _____
Well: Use Industrial Condition _____
Casing, size _____ in., perforations No casing from 42'-97' Depth _____ ft.

Measurements By: DWR ☐ USGS ☐ USBR ☐ County ☐ Irr. Dist. ☐ Water Dist. ☐ Cons. Dist. ☐
Chief Aquifer: Name _____ Depth to Top Aq. _____ Depth to Bot. Aq. _____
Type of Material _____ Perm. Rating _____ Thickness _____
Gravel Packed? Yes ☐ No ☐ Depth to Top Gr. _____ Depth to Bot. Gr. _____
Supp. Aquifer _____ Depth to Top Aq. _____ Depth to Bot. Aq. _____
Driller _____
Date drilled 2, 2, Log, filed ✓ D.W.R. open (1) _____ confidential (2) _____
Equipment: Pump, type D.W.R. make _____
Serial No. _____ Size of discharge pipe _____ in.
Power, Kind Elec. Make [illegible]
H. P. 1 Motor Serial No. [illegible]
Elec. Meter No. _____ Transformer No. _____
Yield _____ G.P.M. Pumping level _____ ft.

Water Analysis: Min. (1) _____ San. (2) _____ H.M. (3) _____
Water Levels available: Yes (1) _____ No _____
Period of Record: Begin _____ End _____
Collecting Agency: _____
Prod. Rec. (1) _____ Pump Test (2) _____ Yield (3) _____

SKETCH



REMARKS

Recorded by: _____
Date _____

3/4

REGION

COUNTY

NEAR

STATE OF CALIFORNIA
DEPARTMENT OF WATER RESOURCES

WELL LOG

BASIN

DWR NO. 1S/4W-27A M. D. & M.

OTHER NOS. 01-889

LOCATION 28th and Magnolia Street, Oakland

OWNER ADDRESS

DRILLED BY ADDRESS

DRILLING METHOD GRAVEL PACKED DATE COMPLETED

SIZE OF CASING DEPTH STRUCK WATER AT

PERFORATIONS SIZE No.

WATER LEVEL BEFORE PERFORATING AFTER

TEST DATA: DISCHARGE G. P. M. DRAWDOWN FT. HOURS RUN

OTHER DATA AVAILABLE: WATER LEVEL RECORD ANALYSIS

SURFACE ELEV. DATUM SOURCE OF INFORMATION

DEPTH	ELEV. OF BOTTOM OF STRATUM	MATERIAL	THICKNESS	SP. YIELD %	
1 - 4		surface			
20		clay			
53		gravel			
70		yellow clay			
75		cement clay			
90		yellow clay			
92		sand and gravel			
95		yellow clay			
98		cement gravel			
109		cement gravel			
116		cement gravel			
131		yellow clay			
139		yellow clay			
145		sand			
153		yellow clay			
160		yellow clay			
168		yellow clay			
170		sand			
175		gravel			
214		yellow sandy clay			
215		blue clay			

FOR FIELD COPIES USE ALTERNATE LINES

LOG OBTAINED BY DATE SHEET 1 OF