CAMBRIA

#3737

Call D. Wickham

February 15, 2000

- What is the current schedule?
- MW-3 - MTBE next reduction
- probably can eliminate monitoring in wells 2, 7, 8, 9, 10.

booty = balanced

Assisted

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

Re: **Third Quarter 1999 Monitoring Report**
Shell-branded Service Station
630 High Street
Oakland, California
Incident #98995751
Cambria Project #242-1310-002

Dear Mr. Chan:

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

THIRD QUARTER 1999 ACTIVITIES

Ground Water Monitoring: Blaine Tech Services, Inc. (Blaine) of San Jose, California gauged and sampled all site wells. Blaine calculated ground water elevations and compiled the analytical data. Benzene concentrations were detected in MW-1, MW-3, MW-4 and MW-5. The concentrations range from <0.500 ppb to a high of 2,410 ppb. In addition to the usual gasoline constituents, all wells were analyzed for volatile organic oxygenated compounds by EPA Method 8260. MTBE was detected in wells MW-1, MW-2, MW-3, MW-5, MW-6, and MW-7 with a maximum concentration of 29,500 ppb in MW-3. All benzene and MTBE concentrations are presented in the attached Blaine report and shown in Figure 1. Cambria prepared a ground water elevation contour map (Figure 1). The Blaine report, presenting the laboratory report and supporting field documents, is included as Attachment A.

Oakland, CA
Sonoma, CA
Portland, OR
Seattle, WA

Cambria Environmental Technology, Inc.

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

Response to the ACHCSA Letter dated May 13, 1999: Cambria submitted a work plan which proposed updating RBCA parameters and recomended further sampling of all wells for BTEX constituants in addition to confirmation of MTBE with EPA Method 8260. Any ground water samples containing MTBE were analyzed using EPA Method 8260. Results are discussed in the section above.

Assuming the most conservative position, Cambria compared the highest detected benzene concentrations to the Oakland Risk Based Screening Levels (Attachment B) for benzene volatilized from groundwater to ambient air. The high concentration of 2.4 ppm exceeds the commercial exposure levels as defined by the City of Oakland[1] for inhalation of volatilized benzene (indoor and outdoor). However, it should be noted that the 2.4 ppm concentration was not representative of other concentrations detected on-site and was in fact two orders of magnitude higher than the next highest detection. Therefore, although the highest detection exceeds Oakland RBSLs, it does not appear that this is represenative of the site. Cambria recommends continued monitoring of the site. Well M-3 will be sampled semi-annually beginning in the second quarter of 2000. At that time, Cambria will again compare the benzene concentrations to the Oakland RBSLs.

ANTICIPATED FOURTH QUARTER 1999 ACTIVITIES

Ground Water Monitoring: The next sampling event is scheduled for the fourth quarter of 1999. At that time, Blaine will gauge and sample selected site wells and tabulate the data. Cambria will prepare a monitoring report.

[1] Spence, L.R, Gomez, M.M; *"Oakland Based Corrective Action: Technical Background Document."* May 17,1999.

CLOSING

We appreciate the opportunity to work with you on this project. Please call Darryk Ataide at (510) 420-3339 if you have any questions or comments.

Sincerely,
Cambria Environmental Technology, Inc

Darryk Ataide, REA I
Project Manager

Ailsa S. Le May, R.G.
Senior Geologist

REGISTERED GEOLOGIST
AILSA S. LE MAY
NO. 6717
STATE OF CALIFORNIA

Figure: 1 - Ground Water Elevation Contour Map

Attachment: A - Blaine Ground Water Monitoring Report and Field Notes
B - Tier I RBCA Summary Table

cc: Karen Petryna, Equiva Services LLC, P.O. Box 7869, Burbank, California 91501-7869

g:\oak630\qm\3q99qm.doc

02/16/00

G:\OAK630\FIGURES\3QM99-MP.DWG

FIGURE 1

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

CAMBRIA

Ground Water Elevation Contour Map

August 27, 1999

ATTACHMENT A

Blaine Ground Water Monitoring Report
and Field Notes

BLAINE
TECH SERVICES INC

1680 ROGERS AVENUE
SAN JOSE, CALIFORNIA 95112-1105
(408) 573-7771 FAX
(408) 573-0555 PHONE

September 17, 1999

Karen Petryna
Equiva Services LLC
P.O. Box 6249
Carson, CA 90749-6249

Third Quarter 1999 Groundwater Monitoring at
Shell-branded Service Station
630 High Street
Oakland, CA

Monitoring performed on August 27, 1999

Groundwater Monitoring Report **990827-S-1**

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

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

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

Blaine Tech Services, Inc. conducts sampling and documentation assignments of this type as an independent third party. 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/ew

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

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

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

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
MW-1	01/29/1991	11,000	21,000a	310	41	500	400	NA	NA	99.35	10.79	88.56	NA
MW-1	04/30/1991	8,300	2,100	250	32	310	300	NA	NA	99.35	9.48	89.87	NA
MW-1	07/22/1991	11,000	3,800	310	36	290	280	NA	NA	99.35	10.53	88.82	NA
MW-1	02/21/1992	7,300	8,900b	200	36	340	270	NA	NA	99.35	8.31	91.04	NA
MW-1	05/22/1992	7,600	18,000b, c	140	<50	300	140	NA	NA	99.35	10.02	89.33	NA
MW-1	07/07/1992	NA	NA	NA	NA	NA	NA	NA	NA	99.35	10.06	89.29	NA
MW-1	08/20/1992	9,100	5,200b	530	340	860	540	NA	NA	99.35	10.32	89.03	NA
MW-1	11/18/1992	15,000	4,100b	220	50	790	340	NA	NA	99.35	10.64	88.71	NA
MW-1	02/09/1993	7,000	1,200	130	23	220	160	NA	NA	99.35	8.71	90.64	NA
MW-1	06/16/1993	4,800	NA	150	31	320	130	NA	NA	99.35	9.71	89.64	1.73/1.58k
MW-1	08/24/1993	10,000	NA	170	27	610	170	NA	NA	99.35	10.23	89.12	1.49/1.70k
MW-1	11/23/1993	7,600	NA	190	<12	430	140	NA	NA	99.35	10.48	88.87	1.77/2.80k
MW-1	02/14/1994	8,000	NA	150	47	210	68	NA	NA	99.35	9.17	90.18	6.2/2.5k
MW-1	05/25/1994	8,800	NA	95	<10	210	63	NA	NA	99.35	9.52	89.83	NA
MW-1	08/04/1994	6,200	NA	150	14	350	180	NA	NA	99.35	10.51	88.84	NA
MW-1	11/08/1994	7,600	NA	190	<10	480	200	NA	NA	99.35	10.20	89.15	NA
MW-1	02/01/1995	8,200	NA	130	21	170	130	NA	NA	99.35	6.94	92.41	NA
MW-1	05/04/1995	7,000	NA	130	47	190	180	NA	NA	99.35	8.40	90.95	NA
MW-1	05/16/1997	5,600	NA	57	<10	26	29	84	NA	99.35	9.93	89.42	1.5
MW-1	11/03/1997	6,900	NA	81	<10	32	30	170	NA	99.35	10.27	89.08	0.8/0.6k
MW-1	06/05/1998	4,200	NA	68	7.6	39	69	84	NA	99.35	8.95	90.40	1.0/0.5k
MW-1	11/06/1998	6,200	NA	87	<2.5	48	55	200	NA	99.35	10.69	88.66	1.2/1.8
MW-1	06/07/1999	5,210	NA	33.6	21.9	7.42	<5.00	153	205	99.35	9.81	89.54	NA
MW-1	06/22/1999	NA	NA	NA	NA	NA	NA	NA	NA	99.35	9.55	89.80	0.8
MW-1	08/27/1999	6,080	NA	46.0	<20.0	<20.0	26.1	303	429	99.35	10.00	89.35	0.7/1.5

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

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
MW-2	01/29/1991	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	101.15	13.25	87.90	NA
MW-2	04/30/1991	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	101.15	10.94	90.21	NA
MW-2	07/22/1991	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	101.15	12.14	89.01	NA
MW-2	02/21/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	101.15	10.08	91.07	NA
MW-2	05/22/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	101.15	11.52	89.63	NA
MW-2	07/07/1992	NA	NA	NA	NA	NA	NA	NA	NA	101.15	11.50	89.65	NA
MW-2	08/20/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	101.15	11.72	89.43	NA
MW-2	11/18/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	101.15	13.06	88.09	NA
MW-2	02/09/1993	95	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	101.15	10.06	91.09	NA
MW-2	06/16/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	101.15	11.60	89.55	NA
MW-2	08/24/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	101.15	12.16	88.99	NA
MW-2	11/23/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	101.15	12.74	88.41	NA
MW-2	02/14/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	101.15	10.91	90.24	NA
MW-2	05/25/1994	100	NA	1.2	4.9	2.3	13	NA	NA	101.15	11.06	90.09	NA
MW-2	08/04/1994	NA	NA	NA	NA	NA	NA	NA	NA	101.15	12.04	89.11	NA
MW-2	11/08/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	101.15	12.38	88.77	NA
MW-2	02/01/1995	NA	NA	NA	NA	NA	NA	NA	NA	101.15	8.76	92.39	NA
MW-2	05/04/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	101.15	10.20	90.95	NA
MW-2	05/16/1997	NA	NA	NA	NA	NA	NA	NA	NA	101.15	11.28	89.87	NA
MW-2	11/03/1997	NA	NA	NA	NA	NA	NA	NA	NA	101.15	11.71	89.44	NA
MW-2	06/05/1998	NA	NA	NA	NA	NA	NA	NA	NA	101.15	9.85	91.30	NA
MW-2	11/06/1998	NA	NA	NA	NA	NA	NA	NA	NA	101.15	12.60	88.55	NA
MW-2	06/07/1999	NA	NA	NA	NA	NA	NA	NA	NA	101.15	11.03	90.12	NA
MW-2	08/27/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	19.2	34.5	101.15	10.98	90.17	0.71/4.0
MW-3	01/29/1991	2,300	410a	17	14.1	10	230	NA	NA	99.49	11.09	88.40	NA

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MW-3	04/30/1991	<50	260	22	4	7	17	NA	NA	99.49	9.57	89.92	NA
MW-3	07/22/1991	2,000	310	51	<0.5	<0.5	<0.5	NA	NA	99.49	10.66	88.83	NA
MW-3	02/21/1992	2,800	640d	15	2.8	<2.5	12	NA	NA	99.49	8.97	90.52	NA
MW-3	05/22/1992	3,700	220b, c	27	11	20	110	NA	NA	99.49	9.32	90.17	NA
MW-3	07/07/1992	NA	NA	NA	NA	NA	NA	NA	NA	99.49	10.22	89.27	NA
MW-3	08/20/1992	13,000	340b	72	85	71	140	NA	NA	99.49	10.44	89.05	NA
MW-3	11/18/1992	2,100	430b	21	3.6	11	13	NA	NA	99.49	10.79	88.70	NA
MW-3	02/09/1993	3,300	83	21	5.6	6.1	<0.5	NA	NA	99.49	9.35	90.14	NA
MW-3	06/16/1993	3,500e	NA	66	6	<0.5	<0.5	NA	NA	99.49	9.56	89.93	NA
MW-3	08/24/1993	3,400e	NA	110	<5	<5	<5	NA	NA	99.49	10.51	88.98	NA
MW-3	11/23/1993	3,000	NA	36	44	6.9	23	NA	NA	99.49	10.77	88.72	NA
MW-3	02/14/1994	4,700g	NA	9.9	5.2	8.8	<5.0	NA	NA	99.49	9.61	89.88	NA
MW-3	05/25/1994	1,200	NA	<10	<10	<10	<10	NA	NA	99.49	10.00	89.49	NA
MW-3	08/04/1994	2,600	NA	29	<5	14	11	NA	NA	99.49	10.63	88.86	NA
MW-3	11/08/1994	2,600	NA	5.5	1.5	1.9	0.9	NA	NA	99.49	11.02	88.47	NA
MW-3	02/01/1995	4,600	NA	27	1.2	3.2	2.5	NA	NA	99.49	8.31	91.18	NA
MW-3	05/04/1995	1,800	NA	140	11	11	16	NA	NA	99.49	8.70	90.79	NA
MW-3	05/16/1997	NA	NA	NA	NA	NA	NA	NA	NA	99.49	10.30	89.19	NA
MW-3	11/03/1997	NA	NA	NA	NA	NA	NA	NA	NA	99.49	10.52	88.97	NA
MW-3	06/05/1998	NA	NA	NA	NA	NA	NA	NA	NA	99.49	9.18	90.31	NA
MW-3	11/06/1998	NA	NA	NA	NA	NA	NA	NA	NA	99.49	11.00	88.49	NA
MW-3	06/07/1999	NA	NA	NA	NA	NA	NA	NA	NA	99.49	10.93	88.56	NA
MW-3	08/27/1999	8,600	NA	2,410	135	279	1,390	26,400	29,500	99.49	10.23	89.26	0.8/0.7
MW-4	01/29/1991	2,600	1,300	83	<0.5	<0.5	110	NA	NA	99.24	10.76	88.48	NA
MW-4	04/30/1991	2,600	750	22	4	7	17	NA	NA	99.24	9.45	89.79	NA

WELL CONCENTRATIONS
Shell-Branded Service Station
630 High Street
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WIC #204-5508-5801

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
MW-4	07/22/1991	4,300	1,200	120	<0.5	<0.5	10	NA	NA	99.24	10.34	88.90	NA
MW-4	02/21/1992	2,000	8,300b	31	6.3	3.5	6.6	NA	NA	99.24	7.60	91.64	NA
MW-4	05/22/1992	3,600	3,400b, c	55	5	3	10	NA	NA	99.24	9.90	89.34	NA
MW-4	07/07/1992	NA	NA	NA	NA	NA	NA	NA	NA	99.24	10.02	89.22	NA
MW-4	08/20/1992	3,100	3,400	100	45	14	45	NA	NA	99.24	10.32	88.92	NA
MW-4	11/18/1992	2,200	1,400	32	12	4.2	24	NA	NA	99.24	10.51	88.73	NA
MW-4	02/09/1993	1,500	180	1.1	<0.5	<0.5	<0.5	NA	NA	99.24	8.13	91.11	NA
MW-4	06/16/1993	1,100	NA	120	47	5.1	19	NA	NA	99.24	9.60	89.64	1.86/4.82k
MW-4	08/24/1993	2,700	NA	46	11	25	0.97	NA	NA	99.24	10.05	89.19	1.46/1.27k
MW-4	11/23/1993	2,500	NA	23	5.7	3.7	16	NA	NA	99.24	10.25	89.99	5.29/6.59k
MW-4	02/14/1994	1,500	NA	12	7.8	<2.5	<2.5	NA	NA	99.24	8.83	90.41	2.1/1.9k
MW-4	05/25/1994	810	NA	20	<2	<2	4	NA	NA	99.24	9.64	89.60	NA
MW-4	08/04/1994	2,300	NA	99	15	6.3	24	NA	NA	99.24	10.62	88.62	NA
MW-4	11/08/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	99.24	9.28	89.96	NA
MW-4	02/01/1995	960	NA	5.6	2.2	2.6	2.8	NA	NA	99.24	6.52	92.72	NA
MW-4	05/04/1995	960	NA	20	4.7	3.7	5.6	NA	NA	99.24	8.40	90.84	NA
MW-4	05/16/1997	NA	NA	NA	NA	NA	NA	NA	NA	99.24	9.35	89.89	NA
MW-4	11/03/1997	NA	NA	NA	NA	NA	NA	NA	NA	99.24	10.17	89.07	NA
MW-4	06/05/1998	NA	NA	NA	NA	NA	NA	NA	NA	99.24	8.85	90.39	NA
MW-4	11/06/1998	NA	NA	NA	NA	NA	NA	NA	NA	99.24	10.17	89.07	NA
MW-4	06/07/1999	NA	NA	NA	NA	NA	NA	NA	NA	99.24	11.06	88.18	NA
MW-4	08/27/1999	1,520	NA	32.8	6.25	<2.50	5.65	61.5	<2.00	99.24	10.25	88.99	1.0/1.4
MW-5	01/29/1991	3,100	720	86	<0.5	24	28	NA	NA	100.08	11.72	88.36	NA
MW-5	04/30/1991	<50	90	46	<0.5	9	9	NA	NA	100.08	10.45	89.63	NA
MW-5	07/22/1991	1,700	300	23	<0.5	6,700	10,000	NA	NA	100.08	11.43	88.65	NA

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Oakland, CA
WIC #204-5508-5801

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
MW-5	02/21/1992	240	180h	1	<0.5	<0.5	1	NA	NA	100.08	9.24	90.84	NA
MW-5	05/22/1992	6,200	7,100b, c	6	95	56	99	NA	NA	100.08	10.97	89.11	NA
MW-5	07/07/1992	NA	NA	NA	NA	NA	NA	NA	NA	100.08	10.98	89.10	NA
MW-5	08/20/1992	7,400	120b	56	95	91	150	NA	NA	100.08	11.14	88.94	NA
MW-5	11/18/1992	3,300	320b	27	<12.5	20	470	NA	NA	100.08	11.21	88.87	NA
MW-5	02/09/1993	160	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	100.08	10.01	90.07	NA
MW-5	06/16/1993	140	NA	0.8	<0.5	<0.5	<0.5	NA	NA	100.08	11.05	89.03	1.53/2.72k
MW-5	08/24/1993	1,000	NA	7.9	<1	2.2	<1.5	NA	NA	100.08	11.32	88.76	2.69/1.41k
MW-5	11/23/1993	2,000	NA	67	15	11	33	NA	NA	100.08	11.35	88.73	8.20/3.09k
MW-5	02/14/1994	660	NA	1.3	<0.5	0.5	0.7	NA	NA	100.08	10.34	89.74	2.0/1.9k
MW-5	05/25/1994	670	NA	0.65	<0.5	2.6	<0.5	NA	NA	100.08	10.54	89.54	NA
MW-5	08/04/1994	700	NA	5	<0.5	1.2	<0.5	NA	NA	100.08	11.50	88.58	NA
MW-5	11/08/1994	810	NA	4.2	<0.5	1.5	0.8	NA	NA	100.08	11.24	88.84	NA
MW-5	02/01/1995	110	NA	7	<0.5	<0.5	<0.5	NA	NA	100.08	9.05	91.03	NA
MW-5	05/04/1995	260	NA	3.1	1.3	2	1.5	NA	NA	100.08	10.35	89.73	NA
MW-5	05/16/1997	440	NA	2.4	3.1	1.6	3.3	7.1	NA	100.08	11.21	88.87	2.9
MW-5	11/03/1997	1,400	NA	34	<2.5	2.8	4.4	33	NA	100.08	11.43	88.65	3.0/1.2k
MW-5	06/05/1998	230	NA	3.6	0.5	<0.50	1.3	34	NA	100.08	10.35	89.73	3.2/1.4k
MW-5	11/06/1998	1800	NA	29	<0.50	3.8	7.1	26	NA	100.08	11.89	88.19	2.6/3.0
MW-5	06/07/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	19.5	NA	100.08	10.28	89.80	NA
MW-5	06/22/1999	NA	NA	NA	NA	NA	NA	NA	NA	100.08	10.74	89.34	0.6
MW-5	08/27/1999	254	NA	5.09	1.08	<0.500	<0.500	9.97	12.0	100.08	11.01	89.07	NA
MW-6	01/29/1991	<50	860	<0.5	<0.5	<0.5	<0.5	NA	NA	98.56	10.23	88.33	NA
MW-6	04/30/1991	<50	1,100	<0.5	<0.5	<0.5	<0.5	NA	NA	98.56	9.15	89.41	NA
MW-6	07/22/1991	<50	1,200	<0.5	<0.5	<0.5	<0.5	NA	NA	98.56	10.10	88.46	NA

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Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
MW-6	02/21/1992	<50	60d	<0.5	<0.5	<0.5	<0.5	NA	NA	98.56	7.15	91.41	NA
MW-6	05/22/1992	<50	650c	<0.5	<0.5	<0.5	<0.5	NA	NA	98.56	9.55	89.01	NA
MW-6	07/07/1992	NA	NA	NA	NA	NA	NA	NA	NA	98.56	9.53	89.03	NA
MW-6	08/20/1992	140e	510c	<0.5	<0.5	<0.5	<0.5	NA	NA	98.56	9.84	88.72	NA
MW-6	11/18/1992	200e	350	<0.5	<0.5	<0.5	<0.5	NA	NA	98.56	10.03	88.53	NA
MW-6	02/09/1993	14,000e	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	98.56	7.91	90.65	NA
MW-6	06/16/1993	5,700e	NA	<0.5	22	<0.5	34	NA	NA	98.56	8.74	89.82	8.46/9.73k
MW-6	08/24/1993	4,300e	NA	<12.5	<12.5	<12.5	<12.5	NA	NA	98.56	9.66	88.90	2.15/1.52k
MW-6	11/23/1993	3,300e	NA	<12	<12	<12	<12	NA	NA	98.56	9.86	88.70	3.86/6.75k
MW-6	02/14/1994	14,000e	NA	<12.5	<12.5	<12.5	<12.5	NA	NA	98.56	8.27	90.29	2.3/5.2k
MW-6	05/25/1994	<1,000i	NA	<10	<10	<10	<10	NA	NA	98.56	8.89	89.67	NA
MW-6	08/04/1994	250j	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	98.56	10.10	88.46	NA
MW-6	11/08/1994	4,600e	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	98.56	8.98	89.58	NA
MW-6	02/01/1995	710	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	98.56	7.07	91.49	NA
MW-6	05/04/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	98.56	8.56	90.00	NA
MW-6	05/16/1997	<500	NA	<5.0	<5.0	<5.0	<5.0	1,700	NA	98.56	9.57	88.99	6.2
MW-6	11/03/1997	<500	NA	<5.0	<5.0	<5.0	<5.0	990	NA	98.56	9.76	88.80	1.4/1.0k
MW-6	06/05/1998	<50	NA	<0.50	<0.50	<0.50	<0.50	590	NA	98.56	8.50	90.06	1.5/1.1k
MW-6	11/06/1998	<250	NA	<2.5	<2.5	<2.5	<2.5	810	NA	98.56	10.00	88.56	2.0/1.4
MW-6	06/07/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	71.5	NA	98.56	9.35	89.21	NA
MW-6	06/22/1999	NA	NA	NA	NA	NA	NA	NA	NA	98.56	9.20	89.36	1.9
MW-6	08/27/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	197	276	98.56	9.52	89.04	1.5/7.8
MW-7	01/29/1991	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	97.53	8.91	88.62	NA
MW-7	04/30/1991	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	97.53	8.38	89.15	NA
MW-7	07/22/1991	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	97.53	9.13	88.40	NA

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MW-7	02/21/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	97.53	6.87	90.66	NA
MW-7	05/22/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	97.53	8.08	89.45	NA
MW-7	07/07/1992	NA	NA	NA	NA	NA	NA	NA	NA	97.53	8.82	88.71	NA
MW-7	08/20/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	97.53	8.89	88.64	NA
MW-7	11/18/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	97.53	9.54	87.99	NA
MW-7	02/09/1993	72	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	97.53	7.84	89.69	NA
MW-7	06/16/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	97.53	7.80	89.73	NA
MW-7	08/24/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	97.53	8.51	89.02	NA
MW-7	11/23/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	97.53	8.70	88.83	NA
MW-7	02/14/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	97.53	7.52	90.01	NA
MW-7	05/25/1994	<50	NA	<0.5	0.63	<0.5	0.93	NA	NA	97.53	9.04	88.49	NA
MW-7	08/04/1994	NA	NA	NA	NA	NA	NA	NA	NA	97.53	9.80	87.83	NA
MW-7	11/08/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	97.53	8.45	89.08	NA
MW-7	02/01/1995	NA	NA	NA	NA	NA	NA	NA	NA	97.53	5.51	92.02	NA
MW-7	05/04/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	97.53	8.34	89.19	NA
MW-7	05/16/1997	<50	NA	<0.50	<0.50	<0.50	<0.50	2.7	NA	97.53	8.80	88.73	2.8
MW-7	11/03/1997	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	97.53	8.95	88.58	1.6/1.2k
MW-7	06/05/1998	<50	NA	<0.50	<0.50	<0.50	<0.50	4.3	NA	97.53	7.75	89.78	1.5/1.1k
MW-7	11/06/1998	<50	NA	<0.50	<0.50	<0.50	<0.50	4.5	NA	97.53	9.20	88.33	4.1/2.2
MW-7	06/07/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	97.53	8.39	89.14	NA
MW-7	06/22/1999	NA	NA	NA	NA	NA	NA	NA	NA	97.53	8.43	89.10	0.4
MW-7	06/22/1999	NA	NA	NA	NA	NA	NA	NA	NA	97.53	8.43	89.10	0.4
MW-7	08/27/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<5.00	4.33	97.53	8.82	88.71	1.3/1.9
MW-8	01/29/1991	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	97.13	8.47	88.66	NA
MW-8	04/30/1991	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	97.13	7.64	89.49	NA

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MW-8	07/22/1991	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	97.13	8.36	88.77	NA
MW-8	02/21/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	97.13	6.54	90.59	NA
MW-8	05/22/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	97.13	7.68	89.45	NA
MW-8	07/07/1992	NA	NA	NA	NA	NA	NA	NA	NA	97.13	8.16	88.97	NA
MW-8	08/20/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	97.13	8.25	88.88	NA
MW-8	11/18/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	97.13	8.32	88.81	NA
MW-8	02/09/1993	63	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	97.13	5.58	91.55	NA
MW-8	06/16/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	97.13	7.19	89.94	NA
MW-8	08/24/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	97.13	7.98	89.15	NA
MW-8	11/23/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	97.13	8.09	89.04	NA
MW-8	02/14/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	97.13	9.42	87.71	NA
MW-8	05/25/1994	<50	NA	<0.5	1.1	<0.5	2.5	NA	NA	97.13	7.18	89.95	NA
MW-8	08/04/1994	NA	NA	NA	NA	NA	NA	NA	NA	97.13	8.51	88.62	NA
MW-8	11/08/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	97.13	6.24	90.89	NA
MW-8	02/01/1995	NA	NA	NA	NA	NA	NA	NA	NA	97.13	3.94	93.19	NA
MW-8	05/04/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	97.13	5.04	92.09	NA
MW-8	05/16/1997	NA	NA	NA	NA	NA	NA	NA	NA	97.13	7.65	89.48	NA
MW-8	11/03/1997	NA	NA	NA	NA	NA	NA	NA	NA	97.13	7.03	90.10	NA
MW-8	06/05/1998	NA	NA	NA	NA	NA	NA	NA	NA	97.13	6.47	90.66	NA
MW-8	11/06/1998	NA	NA	NA	NA	NA	NA	NA	NA	97.13	8.27	88.86	NA
MW-8	06/07/1999	NA	NA	NA	NA	NA	NA	NA	NA	97.13	8.69	88.44	NA
MW-8	08/27/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<5.00	<2.00	97.13	7.82	89.31	1.5/2.0
MW-9	01/29/1991	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	99.72	8.27	91.45	NA
MW-9	04/30/1991	<50	<50	0.6	<0.5	<0.5	1.1	NA	NA	99.72	7.62	92.10	NA
MW-9	07/22/1991	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	99.72	8.48	91.24	NA

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Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
MW-9	02/21/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	99.72	6.91	92.81	NA
MW-9	05/22/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	99.72	8.64	91.08	NA
MW-9	07/07/1992	NA	NA	NA	NA	NA	NA	NA	NA	99.72	7.55	92.17	NA
MW-9	08/20/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	99.72	7.38	92.34	NA
MW-9	11/18/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	99.72	10.17	89.55	NA
MW-9	02/09/1993	290	110	6	<0.5	<0.5	<0.5	NA	NA	99.72	6.89	92.83	NA
MW-9	06/16/1993	90e	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	99.72	8.74	90.98	1.51/2.17k
MW-9	08/24/1993	50e	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	99.72	8.32	91.40	2.86/2.74k
MW-9	11/23/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	99.72	8.17	91.55	3.41/3.78k
MW-9	02/14/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	99.72	7.67	92.05	4.6/5.2k
MW-9	05/25/1994	56	NA	1.3	4	1.4	8.3	NA	NA	99.72	7.89	91.83	NA
MW-9	08/04/1994	NA	NA	NA	NA	NA	NA	NA	NA	99.72	9.76	89.96	NA
MW-9	11/08/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	99.72	7.75	91.97	NA
MW-9	02/01/1995	NA	NA	NA	NA	NA	NA	NA	NA	99.72	5.66	94.06	NA
MW-9	05/04/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	99.72	7.40	92.32	NA
MW-9	05/16/1997	NA	NA	NA	NA	NA	NA	NA	NA	99.72	7.72	92.00	NA
MW-9	11/03/1997	NA	NA	NA	NA	NA	NA	NA	NA	99.72	6.93	92.79	NA
MW-9	06/05/1998	NA	NA	NA	NA	NA	NA	NA	NA	99.72	7.23	92.49	NA
MW-9	11/06/1998	NA	NA	NA	NA	NA	NA	NA	NA	99.72	9.91	89.81	NA
MW-9	06/07/1999	NA	NA	NA	NA	NA	NA	NA	NA	99.72	9.03	90.69	NA
MW-9	08/27/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<5.00	<2.00	99.72	7.45	92.27	3.5/4.3
MW-10	01/29/1991	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	98.99	10.81	88.18	NA
MW-10	04/30/1991	<50	460	<0.5	<0.5	<0.5	<0.5	NA	NA	98.99	8.79	90.20	NA
MW-10	07/22/1991	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	98.99	9.94	89.05	NA
MW-10	02/21/1992	<50	120	<0.5	<0.5	<0.5	<0.5	NA	NA	98.99	9.11	89.88	NA

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MW-10	05/22/1992	<50	310	<0.5	<0.5	<0.5	<0.5	NA	NA	98.99	9.14	89.85	NA
MW-10	07/07/1992	NA	NA	NA	NA	NA	NA	NA	NA	98.99	9.87	89.12	NA
MW-10	08/20/1992	<50	460	<0.5	<0.5	<0.5	<0.5	NA	NA	98.99	9.30	89.69	NA
MW-10	11/18/1992	<50	470	<0.5	<0.5	<0.5	<0.5	NA	NA	98.99	10.21	88.78	NA
MW-10	02/09/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	98.99	7.63	91.36	NA
MW-10	06/16/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	98.99	8.57	90.42	NA
MW-10	08/24/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	98.99	9.61	89.38	NA
MW-10	11/23/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	98.99	10.10	88.89	NA
MW-10	02/14/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	98.99	9.01	89.98	NA
MW-10	05/25/1994	<50	NA	<0.5	1.1	<0.5	1.4	NA	NA	98.99	8.84	90.15	NA
MW-10	08/04/1994	NA	NA	NA	NA	NA	NA	NA	NA	98.99	9.82	89.17	NA
MW-10	11/08/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	98.99	9.40	89.59	NA
MW-10	02/01/1995	NA	NA	NA	NA	NA	NA	NA	NA	98.99	6.78	92.21	NA
MW-10	05/04/1995	NA	NA	NA	NA	NA	NA	NA	NA	98.99	7.00	91.99	NA
MW-10	05/16/1997	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	98.99	8.66	90.33	NA
MW-10	11/03/1997	NA	NA	NA	NA	NA	NA	NA	NA	98.99	9.37	89.62	NA
MW-10	06/05/1998	NA	NA	NA	NA	NA	NA	NA	NA	98.99	7.27	91.72	NA
MW-10	11/06/1998	NA	NA	NA	NA	NA	NA	NA	NA	98.99	9.48	89.51	NA
MW-10	06/07/1999	NA	NA	NA	NA	NA	NA	NA	NA	98.99	8.72	90.27	NA
MW-10	08/27/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<5.00	<2.00	98.99	8.62	90.37	1.6/1.6

Abbreviations:

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

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

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

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

MTBE = methyl-tertiary-butyl ether
TOC = Top of Casing Elevation
SPH = Separate-Phase Hydrocarbons
GW = Groundwater
DO = Dissolved Oxygen
ug/L = parts per billion
msl = Mean sea level
ft = Feet
<n = Below detection limit
D = Duplicate sample
NA = Not Applicable
n\n = Pre-purge/Post-purge D.O.'s

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

Sequoia Analytical

1551 Industrial Road
San Carlos, CA 94070-4111
(650) 232-9600
FAX (650) 232-9612

September 16, 1999

Leah Davis
Blaine Tech Services
1680 Rogers Avenue
San Jose, CA 95112

RE: Equiva(2)/L909015

Dear Leah Davis:

Enclosed are the revised results of analyses for sample(s) received by the laboratory on August 30, 1999. A footnote explaining the EPA 8260 MTBE results has been added to the report.

If there are any questions regarding this report please feel free to contact me.

Sincerely,

Wayne Stevenson
Project Manager

CA ELAP Certificate Number I-2360

Sequoia Analytical

1551 Industrial Road
San Carlos, CA 94070-4111
(650) 232-9600
FAX (650) 232-9612

Blaine Tech Services	Project:	Equiva(2)	Sampled: 8/27/99
1680 Rogers Avenue	Project Number:	630 High St., Oakland/98995751	Received: 8/30/99
San Jose, CA 95112	Project Manager:	Ann Pember	Reported: 9/13/99

ANALYTICAL REPORT FOR L909015

Sample Description	Laboratory Sample Number	Sample Matrix	Date Sampled
MW-1	L909015-01	Water	8/27/99
MW-2	L909015-02	Water	8/27/99
MW-3	L909015-03	Water	8/27/99
MW-4	L909015-04	Water	8/27/99
MW-5	L909015-05	Water	8/27/99
MW-6	L909015-06	Water	8/27/99
MW-7	L909015-07	Water	8/27/99
MW-8	L909015-08	Water	8/27/99
MW-9	L909015-09	Water	8/27/99
MW-10	L909015-10	Water	8/27/99

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1680 Rogers Avenue	Project Number:	630 High St., Oakland/98995751	Received: 8/30/99
San Jose, CA 95112	Project Manager:	Ann Pember	Reported: 9/13/99

Sample Description: **MW-1**
Laboratory Sample Number: **L909015-01**

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method/ Surrogate Limits	Reporting Limit	Result	Units	Notes*
Sequoia Analytical - San Carlos								
Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT								
Purgeable Hydrocarbons as Gasoline	9090026	9/7/99	9/7/99		2000	**6080**	ug/l	
Benzene	"	"	"		20.0	**46.0**	"	
Toluene	"	"	"		20.0	ND	"	
Ethylbenzene	"	"	"		20.0	ND	"	
Xylenes (total)	"	"	"		20.0	**26.1**	"	
Methyl tert-butyl ether	"	"	"		200	**303**	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*70.0-130*		*79.6*	*%*	
Volatile Organic Oxygenated Compounds by EPA Method 8260A								
Ethanol	9090022	9/7/99	9/7/99		5000	ND	ug/l	
Tert-butyl alcohol	"	"	"		1000	ND	"	
Methyl tert-butyl ether	"	"	"		10.0	**429**	"	
Di-isopropyl ether	"	"	"		10.0	ND	"	
Ethyl tert-butyl ether	"	"	"		10.0	ND	"	
Tert-amyl methyl ether	"	"	"		10.0	ND	"	
Surrogate: 1,2-Dichloroethane-d4	"	"	"	*76.0-114*		*98.4*	*%*	

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1680 Rogers Avenue	Project Number:	630 High St., Oakland/98995751	Received: 8/30/99
San Jose, CA 95112	Project Manager:	Ann Pember	Reported: 9/13/99

Sample Description: **MW-2**
Laboratory Sample Number: **L909015-02**

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method/ Surrogate Limits	Reporting Limit	Result	Units	Notes*
Sequoia Analytical - San Carlos								
Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT								
Purgeable Hydrocarbons as Gasoline	9090044	9/9/99	9/9/99		50.0	ND	ug/l	
Benzene	"	"	"		0.500	ND	"	
Toluene	"	"	"		0.500	ND	"	
Ethylbenzene	"	"	"		0.500	ND	"	
Xylenes (total)	"	"	"		0.500	ND	"	
Methyl tert-butyl ether	"	"	"		5.00	**19.2**	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*70.0-130*		*91.4*	%	
Volatile Organic Oxygenated Compounds by EPA Method 8260A								
Ethanol	9090022	9/7/99	9/7/99		1000	ND	ug/l	
Tert-butyl alcohol	"	"	"		200	ND	"	
Methyl tert-butyl ether	"	"	"		2.00	**34.5**	"	
Di-isopropyl ether	"	"	"		2.00	ND	"	
Ethyl tert-butyl ether	"	"	"		2.00	ND	"	
Tert-amyl methyl ether	"	"	"		2.00	ND	"	
Surrogate: 1,2-Dichloroethane-d4	"	"	"	*76.0-114*		*100*	%	

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San Jose, CA 95112	Project Manager:	Ann Pember	Reported: 9/13/99

Sample Description: **MW-3**
Laboratory Sample Number: **L909015-03**

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method/ Surrogate Limits	Reporting Limit	Result	Units	Notes*
Sequoia Analytical - San Carlos								
Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT								
Purgeable Hydrocarbons as Gasoline	9090044	9/9/99	9/9/99		5000	**8600**	ug/l	1
Benzene	"	"	"		50.0	**2410**	"	
Toluene	"	"	"		50.0	**135**	"	
Ethylbenzene	"	"	"		50.0	**279**	"	
Xylenes (total)	"	"	"		50.0	**1390**	"	
Methyl tert-butyl ether	"	"	"		500	**26400**	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*70.0-130*		*88.4*	*%*	
Volatile Organic Oxygenated Compounds by EPA Method 8260A								
Ethanol	9090022	9/7/99	9/7/99		250000	ND	ug/l	
Tert-butyl alcohol	"	"	"		50000	ND	"	
Methyl tert-butyl ether	"	"	"		500	**29500**	"	
Di-isopropyl ether	"	"	"		500	ND	"	
Ethyl tert-butyl ether	"	"	"		500	ND	"	
Tert-amyl methyl ether	"	"	"		500	ND	"	
Surrogate: 1,2-Dichloroethane-d4	"	"	"	*76.0-114*		*99.0*	*%*	

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Sample Description: **MW-4**
Laboratory Sample Number: **L909015-04**

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method/ Surrogate Limits	Reporting Limit	Result	Units	Notes*
Sequoia Analytical - San Carlos								
Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT								
Purgeable Hydrocarbons as Gasoline	9090044	9/9/99	9/9/99		250	**1520**	ug/l	2
Benzene	"	"	"		2.50	**32.8**	"	
Toluene	"	"	"		2.50	**6.25**	"	
Ethylbenzene	"	"	"		2.50	ND	"	
Xylenes (total)	"	"	"		2.50	**5.65**	"	
Methyl tert-butyl ether	"	"	"		25.0	**61.5**	"	3
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*70.0-130*		*115*	*%*	
Volatile Organic Oxygenated Compounds by EPA Method 8260A								
Ethanol	9090022	9/7/99	9/7/99		1000	ND	ug/l	
Tert-butyl alcohol	"	"	"		200	ND	"	
Methyl tert-butyl ether	"	"	"		2.00	ND	"	3
Di-isopropyl ether	"	"	"		2.00	ND	"	
Ethyl tert-butyl ether	"	"	"		2.00	ND	"	
Tert-amyl methyl ether	"	"	"		2.00	ND	"	
Surrogate: 1,2-Dichloroethane-d4	"	"	"	*76.0-114*		*96.4*	*%*	

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Blaine Tech Services	Project:	Equiva(2)	Sampled: 8/27/99
1680 Rogers Avenue	Project Number:	630 High St., Oakland/98995751	Received: 8/30/99
San Jose, CA 95112	Project Manager:	Ann Pember	Reported: 9/13/99

Sample Description: **MW-5**
Laboratory Sample Number: **L909015-05**

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method/ Surrogate Limits	Reporting Limit	Result	Units	Notes*
Sequoia Analytical - San Carlos								
Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT								
Purgeable Hydrocarbons as Gasoline	9090026	9/7/99	9/7/99		50.0	**254**	ug/l	
Benzene	"	"	"		0.500	**5.09**	"	
Toluene	"	"	"		0.500	**1.08**	"	
Ethylbenzene	"	"	"		0.500	ND	"	
Xylenes (total)	"	"	"		0.500	ND	"	
Methyl tert-butyl ether	"	"	"		5.00	**9.97**	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*70.0-130*		*75.0*	*%*	
Volatile Organic Oxygenated Compounds by EPA Method 8260A								
Ethanol	9090022	9/7/99	9/7/99		1000	ND	ug/l	
Tert-butyl alcohol	"	"	"		200	ND	"	
Methyl tert-butyl ether	"	"	"		2.00	**12.0**	"	
Di-isopropyl ether	"	"	"		2.00	**5.99**	"	
Ethyl tert-butyl ether	"	"	"		2.00	ND	"	
Tert-amyl methyl ether	"	"	"		2.00	ND	"	
Surrogate: 1,2-Dichloroethane-d4	"	"	"	*76.0-114*		*97.2*	*%*	

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Blaine Tech Services	Project:	Equiva(2)	Sampled: 8/27/99
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San Jose, CA 95112	Project Manager:	Ann Pember	Reported: 9/13/99

Sample Description: **MW-6**
Laboratory Sample Number: **L909015-06**

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method/ Surrogate Limits	Reporting Limit	Result	Units	Notes*
Sequoia Analytical - San Carlos								
Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT								
Purgeable Hydrocarbons as Gasoline	9090044	9/9/99	9/9/99		50.0	ND	ug/l	
Benzene	"	"	"		0.500	ND	"	
Toluene	"	"	"		0.500	ND	"	
Ethylbenzene	"	"	"		0.500	ND	"	
Xylenes (total)	"	"	"		0.500	ND	"	
Methyl tert-butyl ether	"	"	"		5.00	**197**	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*70.0-130*		*98.9*	*%*	
Volatile Organic Oxygenated Compounds by EPA Method 8260A								
Ethanol	9090022	9/7/99	9/7/99		2000	ND	ug/l	
Tert-butyl alcohol	"	"	"		400	ND	"	
Methyl tert-butyl ether	"	"	"		4.00	**276**	"	
Di-isopropyl ether	"	"	"		4.00	ND	"	
Ethyl tert-butyl ether	"	"	"		4.00	ND	"	
Tert-amyl methyl ether	"	"	"		4.00	ND	"	
Surrogate: 1,2-Dichloroethane-d4	"	"	"	*76.0-114*		*101*	*%*	

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1680 Rogers Avenue	Project Number:	630 High St., Oakland/98995751	Received: 8/30/99
San Jose, CA 95112	Project Manager:	Ann Pember	Reported: 9/13/99

Sample Description: **MW-7**
Laboratory Sample Number: **L909015-07**

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method/ Surrogate Limits	Reporting Limit	Result	Units	Notes*
Sequoia Analytical - San Carlos								
Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT								
Purgeable Hydrocarbons as Gasoline	9090025	9/7/99	9/7/99		50.0	ND	ug/l	
Benzene	"	"	"		0.500	ND	"	
Toluene	"	"	"		0.500	ND	"	
Ethylbenzene	"	"	"		0.500	ND	"	
Xylenes (total)	"	"	"		0.500	ND	"	
Methyl tert-butyl ether	"	"	"		5.00	ND	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*70.0-130*		*89.0*	*%*	
Volatile Organic Oxygenated Compounds by EPA Method 8260A								
Ethanol	9090022	9/7/99	9/7/99		1000	ND	ug/l	
Tert-butyl alcohol	"	"	"		200	ND	"	
Methyl tert-butyl ether	"	"	"		2.00	**4.33**	"	
Di-isopropyl ether	"	"	"		2.00	ND	"	
Ethyl tert-butyl ether	"	"	"		2.00	ND	"	
Tert-amyl methyl ether	"	"	"		2.00	ND	"	
Surrogate: 1,2-Dichloroethane-d4	"	"	"	*76.0-114*		*100*	*%*	

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1680 Rogers Avenue	Project Number:	630 High St., Oakland/98995751	Received: 8/30/99
San Jose, CA 95112	Project Manager:	Ann Pember	Reported: 9/13/99

Sample Description: **MW-8**
Laboratory Sample Number: **L909015-08**

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method/ Surrogate Limits	Reporting Limit	Result	Units	Notes*
Sequoia Analytical - San Carlos								
Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT								
Purgeable Hydrocarbons as Gasoline	9090026	9/7/99	9/7/99		50.0	ND	ug/l	
Benzene	"	"	"		0.500	ND	"	
Toluene	"	"	"		0.500	ND	"	
Ethylbenzene	"	"	"		0.500	ND	"	
Xylenes (total)	"	"	"		0.500	ND	"	
Methyl tert-butyl ether	"	"	"		5.00	ND	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*70.0-130*		*85.6*	%	
Volatile Organic Oxygenated Compounds by EPA Method 8260A								
Ethanol	9090030	9/7/99	9/7/99		1000	ND	ug/l	
Tert-butyl alcohol	"	"	"		200	ND	"	
Methyl tert-butyl ether	"	"	"		2.00	ND	"	
Di-isopropyl ether	"	"	"		2.00	ND	"	
Ethyl tert-butyl ether	"	"	"		2.00	ND	"	
Tert-amyl methyl ether	"	"	"		2.00	ND	"	
Surrogate: 1,2-Dichloroethane-d4	"	"	"	*76.0-114*		*100*	%	

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Blaine Tech Services	Project:	Equiva(2)	Sampled: 8/27/99
1680 Rogers Avenue	Project Number:	630 High St., Oakland/98995751	Received: 8/30/99
San Jose, CA 95112	Project Manager:	Ann Pember	Reported: 9/13/99

Sample Description: **MW-9**
Laboratory Sample Number: **L909015-09**

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method/ Surrogate Limits	Reporting Limit	Result	Units	Notes*
Sequoia Analytical - San Carlos								
Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT								
Purgeable Hydrocarbons as Gasoline	9090026	9/7/99	9/7/99		50.0	ND	ug/l	
Benzene	"	"	"		0.500	ND	"	
Toluene	"	"	"		0.500	ND	"	
Ethylbenzene	"	"	"		0.500	ND	"	
Xylenes (total)	"	"	"		0.500	ND	"	
Methyl tert-butyl ether	"	"	"		5.00	ND	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*70.0-130*		*83.9*	*%*	
Volatile Organic Oxygenated Compounds by EPA Method 8260A								
Ethanol	9090030	9/7/99	9/7/99		1000	ND	ug/l	
Tert-butyl alcohol	"	"	"		200	ND	"	
Methyl tert-butyl ether	"	"	"		2.00	ND	"	
Di-isopropyl ether	"	"	"		2.00	ND	"	
Ethyl tert-butyl ether	"	"	"		2.00	ND	"	
Tert-amyl methyl ether	"	"	"		2.00	ND	"	
Surrogate: 1,2-Dichloroethane-d4	"	"	"	*76.0-114*		*93.6*	*%*	

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1680 Rogers Avenue	Project Number:	630 High St., Oakland/98995751	Received: 8/30/99
San Jose, CA 95112	Project Manager:	Ann Pember	Reported: 9/13/99

Sample Description: **MW-10**
Laboratory Sample Number: **L909015-10**

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method/ Surrogate Limits	Reporting Limit	Result	Units	Notes*
Sequoia Analytical - San Carlos								
Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT								
Purgeable Hydrocarbons as Gasoline	9090026	9/7/99	9/7/99		50.0	ND	ug/l	
Benzene	"	"	"		0.500	ND	"	
Toluene	"	"	"		0.500	ND	"	
Ethylbenzene	"	"	"		0.500	ND	"	
Xylenes (total)	"	"	"		0.500	ND	"	
Methyl tert-butyl ether	"	"	"		5.00	ND	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*70.0-130*		*82.3*	*%*	
Volatile Organic Oxygenated Compounds by EPA Method 8260A								
Ethanol	9090030	9/7/99	9/7/99		1000	ND	ug/l	
Tert-butyl alcohol	"	"	"		200	ND	"	
Methyl tert-butyl ether	"	"	"		2.00	ND	"	
Di-isopropyl ether	"	"	"		2.00	ND	"	
Ethyl tert-butyl ether	"	"	"		2.00	ND	"	
Tert-amyl methyl ether	"	"	"		2.00	ND	"	
Surrogate: 1,2-Dichloroethane-d4	"	"	"	*76.0-114*		*98.6*	*%*	

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Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT/Quality Control
Sequoia Analytical - San Carlos

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit / Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Batch: 9090025	**Date Prepared: 9/7/99**					**Extraction Method: EPA 5030B [P/T]**				
Blank	**9090025-BLK1**									
Purgeable Hydrocarbons as Gasoline	9/7/99			**ND**	ug/l	**50.0**				
Benzene	"			**ND**	"	**0.500**				
Toluene	"			**ND**	"	**0.500**				
Ethylbenzene	"			**ND**	"	**0.500**				
Xylenes (total)	"			**ND**	"	**0.500**				
Methyl tert-butyl ether	"			**ND**	"	**5.00**				
Surrogate: a,a,a-Trifluorotoluene	"	*10.0*		*7.98*	"	*70.0-130*	*79.8*			
LCS	**9090025-BS1**									
Benzene	9/7/99	10.0		8.09	ug/l	70.0-130	80.9			
Toluene	"	10.0		8.05	"	70.0-130	80.5			
Ethylbenzene	"	10.0		8.07	"	70.0-130	80.7			
Xylenes (total)	"	30.0		24.2	"	70.0-130	80.7			
Surrogate: a,a,a-Trifluorotoluene	"	*10.0*		*8.50*	"	*70.0-130*	*85.0*			
LCS	**9090025-BS2**									
Purgeable Hydrocarbons as Gasoline	9/7/99	250		245	ug/l	70.0-130	98.0			
Surrogate: a,a,a-Trifluorotoluene	"	*10.0*		*8.11*	"	*70.0-130*	*81.1*			
Matrix Spike	**9090025-MS1**		**L909016-01**							
Purgeable Hydrocarbons as Gasoline	9/7/99	250	ND	229	ug/l	60.0-140	**91.6**			
Surrogate: a,a,a-Trifluorotoluene	"	*10.0*		*7.95*	"	*70.0-130*	*79.5*			
Matrix Spike Dup	**9090025-MSD1**		**L909016-01**							
Purgeable Hydrocarbons as Gasoline	9/7/99	250	ND	233	ug/l	60.0-140	**93.2**	25.0	**1.73**	
Surrogate: a,a,a-Trifluorotoluene	"	*10.0*		*7.83*	"	*70.0-130*	*78.3*			
Batch: 9090026	**Date Prepared: 9/7/99**					**Extraction Method: EPA 5030B [P/T]**				
Blank	**9090026-BLK1**									
Purgeable Hydrocarbons as Gasoline	9/7/99			**ND**	ug/l	**50.0**				
Benzene	"			**ND**	"	**0.500**				
Toluene	"			**ND**	"	**0.500**				
Ethylbenzene	"			**ND**	"	**0.500**				
Xylenes (total)	"			**ND**	"	**0.500**				
Methyl tert-butyl ether	"			**ND**	"	**5.00**				
Surrogate: a,a,a-Trifluorotoluene	"	*10.0*		*7.21*	"	*70.0-130*	*72.1*			
LCS	**9090026-BS1**									
Benzene	9/7/99	10.0		8.20	ug/l	70.0-130	82.0			
Toluene	"	10.0		8.17	"	70.0-130	81.7			

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1680 Rogers Avenue	Project Number:	630 High St., Oakland/98995751	Received: 8/30/99
San Jose, CA 95112	Project Manager:	Ann Pember	Reported: 9/13/99

Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT/Quality Control
Sequoia Analytical - San Carlos

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit / Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
LCS (continued)	**9090026-BS1**									
Ethylbenzene	9/7/99	10.0		8.46	ug/l	70.0-130	84.6			
Xylenes (total)	"	30.0		25.3	"	70.0-130	84.3			
Surrogate: a,a,a-Trifluorotoluene	"	*10.0*		*7.24*	"	*70.0-130*	*72.4*			
LCS	**9090026-BS2**									
Purgeable Hydrocarbons as Gasoline	9/7/99	250		237	ug/l	70.0-130	94.8			
Surrogate: a,a,a-Trifluorotoluene	"	*10.0*		*6.72*	"	*70.0-130*	*67.2*			
Matrix Spike	**9090026-MS1**		**L909015-08**							
Purgeable Hydrocarbons as Gasoline	9/7/99	250	ND	228	ug/l	60.0-140	**91.2**			
Surrogate: a,a,a-Trifluorotoluene	"	*10.0*		*7.47*	"	*70.0-130*	*74.7*			
Matrix Spike Dup	**9090026-MSD1**		**L909015-08**							
Purgeable Hydrocarbons as Gasoline	9/7/99	250	ND	235	ug/l	60.0-140	**94.0**	25.0	**3.02**	
Surrogate: a,a,a-Trifluorotoluene	"	*10.0*		*7.85*	"	*70.0-130*	*78.5*			
Batch: 9090044	**Date Prepared: 9/9/99**					**Extraction Method: EPA 5030B [P/T]**				
Blank	**9090044-BLK1**									
Purgeable Hydrocarbons as Gasoline	9/9/99			**ND**	ug/l	**50.0**				
Benzene	"			**ND**	"	**0.500**				
Toluene	"			**ND**	"	**0.500**				
Ethylbenzene	"			**ND**	"	**0.500**				
Xylenes (total)	"			**ND**	"	**0.500**				
Methyl tert-butyl ether	"			**ND**	"	**5.00**				
Surrogate: a,a,a-Trifluorotoluene	"	*10.0*		*9.95*	"	*70.0-130*	*99.5*			
LCS	**9090044-BS1**									
Benzene	9/9/99	10.0		9.28	ug/l	70.0-130	92.8			
Toluene	"	10.0		8.69	"	70.0-130	86.9			
Ethylbenzene	"	10.0		8.89	"	70.0-130	88.9			
Xylenes (total)	"	30.0		26.0	"	70.0-130	86.7			
Surrogate: a,a,a-Trifluorotoluene	"	*10.0*		*8.96*	"	*70.0-130*	*89.6*			
LCS	**9090044-BS2**									
Purgeable Hydrocarbons as Gasoline	9/9/99	250		273	ug/l	70.0-130	109			
Surrogate: a,a,a-Trifluorotoluene	"	*10.0*		*10.1*	"	*70.0-130*	*101*			
Matrix Spike	**9090044-MS1**		**L909015-02**							
Purgeable Hydrocarbons as Gasoline	9/9/99	250	ND	253	ug/l	60.0-140	**101**			
Surrogate: a,a,a-Trifluorotoluene	"	*10.0*		*9.78*	"	*70.0-130*	*97.8*			

Sequoia Analytical

1551 Industrial Road
San Carlos, CA 94070-4111
(650) 232-9600
FAX (650) 232-9612

Blaine Tech Services	Project:	Equiva(2)	Sampled: 8/27/99
1680 Rogers Avenue	Project Number:	630 High St., Oakland/98995751	Received: 8/30/99
San Jose, CA 95112	Project Manager:	Ann Pember	Reported: 9/13/99

Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT/Quality Control
Sequoia Analytical - San Carlos

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Matrix Spike Dup	**9090044-MSD1**		**L909015-02**							
Purgeable Hydrocarbons as Gasoline	9/9/99	250	ND	206	ug/l	60.0-140	**82.4**	25.0	**20.3**	
Surrogate: a,a,a-Trifluorotoluene	"	*10.0*		*7.54*	"	*70.0-130*	*75.4*			

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Blaine Tech Services	Project:	Equiva(2)	Sampled: 8/27/99
1680 Rogers Avenue	Project Number:	630 High St., Oakland/98995751	Received: 8/30/99
San Jose, CA 95112	Project Manager:	Ann Pember	Reported: 9/13/99

Volatile Organic Oxygenated Compounds by EPA Method 8260A/Quality Control
Sequoia Analytical - San Carlos

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit / Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Batch: 9090022	**Date Prepared: 9/3/99**					**Extraction Method: EPA 5030B [P/T]**				
Blank	**9090022-BLK1**									
Ethanol	9/3/99			**ND**	ug/l	**1000**				
Tert-butyl alcohol	"			**ND**	"	**200**				
Methyl tert-butyl ether	"			**ND**	"	**2.00**				
Di-isopropyl ether	"			**ND**	"	**2.00**				
Ethyl tert-butyl ether	"			**ND**	"	**2.00**				
Tert-amyl methyl ether	"			**ND**	"	**2.00**				
Surrogate: 1,2-Dichloroethane-d4	"	*50.0*		*53.0*	"	*76.0-114*	*106*			
Blank	**9090022-BLK2**									
Ethanol	9/7/99			**ND**	ug/l	**1000**				
Tert-butyl alcohol	"			**ND**	"	**200**				
Methyl tert-butyl ether	"			**ND**	"	**2.00**				
Di-isopropyl ether	"			**ND**	"	**2.00**				
Ethyl tert-butyl ether	"			**ND**	"	**2.00**				
Tert-amyl methyl ether	"			**ND**	"	**2.00**				
Surrogate: 1,2-Dichloroethane-d4	"	*50.0*		*51.7*	"	*76.0-114*	*103*			
LCS	**9090022-BS1**									
Methyl tert-butyl ether	9/3/99	50.0		50.8	ug/l	70.0-130	102			
Surrogate: 1,2-Dichloroethane-d4	"	*50.0*		*51.9*	"	*76.0-114*	*104*			
LCS	**9090022-BS2**									
Methyl tert-butyl ether	9/7/99	50.0		55.1	ug/l	70.0-130	110			
Surrogate: 1,2-Dichloroethane-d4	"	*50.0*		*52.5*	"	*76.0-114*	*105*			
Matrix Spike	**9090022-MS1**		**L909014-05**							
Methyl tert-butyl ether	9/3/99	50.0	ND	48.4	ug/l	60.0-140	**96.8**			
Surrogate: 1,2-Dichloroethane-d4	"	*50.0*		*48.6*	"	*76.0-114*	*97.2*			
Matrix Spike Dup	**9090022-MSD1**		**L909014-05**							
Methyl tert-butyl ether	9/3/99	50.0	ND	49.9	ug/l	60.0-140	**99.8**	25.0	**3.05**	
Surrogate: 1,2-Dichloroethane-d4	"	*50.0*		*48.9*	"	*76.0-114*	*97.8*			
Batch: 9090030	**Date Prepared: 9/7/99**					**Extraction Method: EPA 5030B [P/T]**				
Blank	**9090030-BLK1**									
Ethanol	9/7/99			**ND**	ug/l	**1000**				
Tert-butyl alcohol	"			**ND**	"	**200**				
Methyl tert-butyl ether	"			**ND**	"	**2.00**				
Di-isopropyl ether	"			**ND**	"	**2.00**				
Ethyl tert-butyl ether	"			**ND**	"	**2.00**				

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Blaine Tech Services	Project:	Equiva(2)	Sampled: 8/27/99
1680 Rogers Avenue	Project Number:	630 High St., Oakland/98995751	Received: 8/30/99
San Jose, CA 95112	Project Manager:	Ann Pember	Reported: 9/13/99

Volatile Organic Oxygenated Compounds by EPA Method 8260A/Quality Control
Sequoia Analytical - San Carlos

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit / Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Blank (continued)	**9090030-BLK1**									
Tert-amyl methyl ether	9/7/99			**ND**	ug/l	**2.00**				
Surrogate: 1,2-Dichloroethane-d4	"	*50.0*		*51.7*	"	*76.0-114*	*103*			
Blank	**9090030-BLK2**									
Ethanol	9/7/99			**ND**	ug/l	**1000**				
Tert-butyl alcohol	"			**ND**	"	**200**				
Methyl tert-butyl ether	"			**ND**	"	**2.00**				
Di-isopropyl ether	"			**ND**	"	**2.00**				
Ethyl tert-butyl ether	"			**ND**	"	**2.00**				
Tert-amyl methyl ether	"			**ND**	"	**2.00**				
Surrogate: 1,2-Dichloroethane-d4	"	*50.0*		*48.5*	"	*76.0-114*	*97.0*			
Blank	**9090030-BLK3**									
Ethanol	9/8/99			**ND**	ug/l	**1000**				
Tert-butyl alcohol	"			**ND**	"	**200**				
Methyl tert-butyl ether	"			**ND**	"	**2.00**				
Di-isopropyl ether	"			**ND**	"	**2.00**				
Ethyl tert-butyl ether	"			**ND**	"	**2.00**				
Tert-amyl methyl ether	"			**ND**	"	**2.00**				
Surrogate: 1,2-Dichloroethane-d4	"	*50.0*		*56.2*	"	*76.0-114*	*112*			
LCS	**9090030-BS1**									
Methyl tert-butyl ether	9/7/99	50.0		55.1	ug/l	70.0-130	110			
Surrogate: 1,2-Dichloroethane-d4	"	*50.0*		*52.5*	"	*76.0-114*	*105*			
LCS	**9090030-BS2**									
Methyl tert-butyl ether	9/7/99	50.0		50.0	ug/l	70.0-130	100			
Surrogate: 1,2-Dichloroethane-d4	"	*50.0*		*48.0*	"	*76.0-114*	*96.0*			
LCS	**9090030-BS3**									
Methyl tert-butyl ether	9/8/99	50.0		55.9	ug/l	70.0-130	112			
Surrogate: 1,2-Dichloroethane-d4	"	*50.0*		*56.2*	"	*76.0-114*	*112*			
Matrix Spike	**9090030-MS1**		**L909015-08**							
Methyl tert-butyl ether	9/7/99	50.0	ND	51.3	ug/l	60.0-140	**103**			
Surrogate: 1,2-Dichloroethane-d4	"	*50.0*		*48.0*	"	*76.0-114*	*96.0*			
Matrix Spike Dup	**9090030-MSD1**		**L909015-08**							
Methyl tert-butyl ether	9/7/99	50.0	ND	51.1	ug/l	60.0-140	**102**	25.0	**0.976**	
Surrogate: 1,2-Dichloroethane-d4	"	*50.0*		*48.7*	"	*76.0-114*	*97.4*			

Sequoia Analytical

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Blaine Tech Services	Project:	Equiva(2)	Sampled: 8/27/99
1680 Rogers Avenue	Project Number:	630 High St., Oakland/98995751	Received: 8/30/99
San Jose, CA 95112	Project Manager:	Ann Pember	Reported: 9/13/99

Notes and Definitions

#	Note
1	Chromatogram Pattern: Gasoline C6-C12
2	Chromatogram Pattern: Weathered Gasoline C6-C12
3	There was an interfering peak with MTBE which gave a false positive for the DHS LUFT results. The EPA 8260 method did not confirm MTBE.
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
Recov.	Recovery
RPD	Relative Percent Difference

BLAINE
TECH SERVICES INC.

1680 ROGERS AVENUE
SAN JOSE, CALIFORNIA 95112-1105
FAX (408) 573-7771
PHONE (408) 573-0555

CHAIN OF CUSTODY L909015

CLIENT: Equiva - Karen Petryna

SITE: 630 High Street
Oakland, CA

CONDUCT ANALYSIS TO DETECT

LAB: SEQUOIA DHS #

ALL ANALYSES MUST MEET SPECIFICATIONS AND DETECTION LIMITS SET BY CALIFORNIA DHS AND

☐ EPA ☐ LIA ☐ OTHER ☐ RWQCB REGION ____

SPECIAL INSTRUCTIONS

Send invoice to Equiva

Incident # 98995751

Send report to Blaine Tech Services

Attn: Ann Pember

SAMPLE I.D.		MATRIX S = SOIL W = H2O	CONTAINERS TOTAL		C = COMPOSITE ALL CONTAINERS	TPH - gas, BTEX	MTBE by 8020	MTBE by 8260	TPH-diesel	Oxygenates by 8260	1,2-DCA & EDB by 8010	ADD'L INFORMATION	STATUS	CONDITION	LAB SAMPLE #
+ MW-1	8/27/99	W	6	12:30		X	X			X					
+ MW-2				11:15											
- MW-3				12:05											
+ MW-4				11:45											
+ MW-5				10:22											
+ MW-6				10:42											
+ MW-7				9:53											
+ MW-8				10:10											
+ MW-9				10:56											
+ MW-10				11:30											

909044

SAMPLING COMPLETED	DATE	TIME	SAMPLING PERFORMED BY

RELEASED BY: Kevin Sullivan	DATE 8/30/99	TIME 13:45	RECEIVED BY		DATE	TIME
RELEASED BY	DATE	TIME	RECEIVED BY	(MH)	DATE 8/30/99	TIME 16:5
RELEASED BY MH	DATE 9/1/99	TIME 1145	RECEIVED BY K. Cox		DATE 9/30/99	TIME 1230

RESULTS NEEDED NO LATER THAN

SHIPPED VIA	DATE SENT	TIME SENT	COOLER #

WELL GAUGING DATA

Project # 990827-S1 Date 8/27/99 Client _____

Site Shell WIC#204-5508-5801
630 HIGH ST.
OAKLAND

Well ID	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC	Comments
MW-1	4					10.00	13.95	TOC	10
MW-2	4					10.98	19.35		6
MW-3	4					10.23	17.32		9
MW-4	4				10.25		18.57		8
MW-5	4					11.01	17.87		3
MW-6	4					9.52	19.45		4
MW-7	4					8.82	19.43		1
MW-8	4					7.82	20.67		2
MW-9	4					7.45	11.50		5
MW-10	4					8.62	12.65	✓	7

EQUIVA WELL MONITORING DATA SHEET

Project #: 990827-51	Job # 204-5508-5801
Sampler: KPS	Date: 8/27/99
Well I.D.: MW-1	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: 13.95	Depth to Water: 10.00
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH

Well Diameter	Multiplier	Well Diameter	Multiplier
2"	0.16	5"	1.02
3"	0.37	6"	1.47
4"	0.65	Other	radius^2 * 0.163

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

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

2.6 (1 Case Volume (Gals.)) X 3 (Specified Volumes) = 7.8 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
12:20	72.1	7.1	1997	24	2.5	D.O. = .7 odor
12:21	71.5	7.3	2053	59	5	odor
12:22	73.0	7.4	1985	32	8	D.O. = 1.3 odor

Did well dewater? Yes (No) Gallons actually evacuated: 8

Sampling Time: 12:30 Sampling Date: 8/27/99

Sample I.D.: MW-1 Laboratory: (Sequoia) BC Other ___

Analyzed for: (TPH-G BTEX MTBE) TPH-D (Other:) OXYgenates By 8260

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

Project #: 990827-51	Job # 204-5508-5801
Sampler: KPS	Date: 8/27/99
Well I.D.: MW-2	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: 19.35	Depth to Water: 10.98
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH

Well Diameter	Multiplier	Well Diameter	Multiplier
2"	0.16	5"	1.02
3"	0.37	6"	1.47
4"	0.65	Other	radius² * 0.163

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

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

1 Case Volume (Gals.)	X	Specified Volumes	=	Calculated Volume
5.4	X	3	=	16.2 Gals.

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
11:07	69.5	7.8	1420	75	6	D.O.=.71
11:08	71.0	7.5	1753	80	12	
11:09	70.7	7.5	860	30	17	D.O.=4.0

Did well dewater? Yes (No)	Gallons actually evacuated: 17
Sampling Time: 11:15	Sampling Date: 8/27/99
Sample I.D.: MW-2	Laboratory: (Sequoia) BC Other ___
Analyzed for: (TPH-G BTEX MTBE) TPH-D (Other: OXYgenates By 8260	

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

Project #: 990827-51	Job # 204-5508-5801
Sampler: KPS	Date: 8/27/99
Well I.D.: MW-3	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: 17.32	Depth to Water: 10.23
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH

Well Diameter	Multiplier	Well Diameter	Multiplier
2"	0.16	5"	1.02
3"	0.37	6"	1.47
4"	0.65	Other	radius² * 0.163

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

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

4.6 (1 Case Volume (Gals.)) X 3 (Specified Volumes) = 13.8 Gals. (Calculated Volume)

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
11:58	77.7	7.7	1022	74	3	D.O. = .8 / odor
11:59	75.5	7.4	744	35	10	odor
12:00	77.1	7.5	830	52	14	D.O. = .7 / odor

Did well dewater? Yes (No) Gallons actually evacuated: 14

Sampling Time: 12:05 Sampling Date: 8/27/99

Sample I.D.: MW-3 Laboratory: (Sequoia) BC Other ___

Analyzed for: (TPH-G BTEX MTBE TPH-D) Other: OXYgenates By 8260

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

Project #: 990827-51	Job # 204-5508-5801
Sampler: KPS	Date: 8/27/99
Well I.D.: MW-4	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: 18.57	Depth to Water: 10.25
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH

Well Diameter	Multiplier	Well Diameter	Multiplier
2"	0.16	5"	1.02
3"	0.37	6"	1.47
4"	0.65	Other	radius² * 0.163

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

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

5.4	X	3	=	16.2 Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
11:35	69.2	7.8	935	10	6	D.O.=1.0
11:36	68.9	7.9	879	23	12	
11:37	69.0	7.9	952	15	17	D.O.=1.4

Did well dewater? Yes (No)		Gallons actually evacuated: 17	
Sampling Time: 11:45		Sampling Date: 8/27/99	
Sample I.D.: MW-4		Laboratory: (Sequoia) BC Other ___	
Analyzed for: (TPH-G BTEX MTBE) TPH-D		(Other:) OXYgenates By 8260	
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

Project #: 990827-51	Job # 204-5508-5801
Sampler: KPS	Date: 8/27/99
Well I.D.: MW-5	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: 17.87	Depth to Water: 11.01
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH

Well Diameter	Multiplier	Well Diameter	Multiplier
2"	0.16	5"	1.02
3"	0.37	6"	1.47
4"	0.65	Other	radius^2 * 0.163

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

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

4.5	X	3	=	13.5 Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
10:14	68.2	7.4	1028	14	5	
10:15	69.8	7.1	1193	17	10	
10:16	70.3	6.9	1083	15	14	

Did well dewater? Yes (No)		Gallons actually evacuated: 14	
Sampling Time: 10:22		Sampling Date: 8/27/99	
Sample I.D.: MW-5		Laboratory: (Sequoia) BC Other ___	
Analyzed for: (TPH-G BTEX MTBE) TPH-D		(Other:) OXYgenates By 8260	
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

Project #: 990827-51	Job # 204-5508-5801
Sampler: KPS	Date: 8/27/99
Well I.D.: MW-6	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: 19.45	Depth to Water: 9.52
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH

Well Diameter	Multiplier	Well Diameter	Multiplier
2"	0.16	5"	1.02
3"	0.37	6"	1.47
4"	0.65	Other	radius^2 * 0.163

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

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

6.5 (1 Case Volume (Gals.)) X 3 (Specified Volumes) = 19.5 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
10:36	71.7	7.4	937	49	7	D.O. 1.5
10:37	72.5	7.1	869	36	14	
10:38	72.7	7.1	1113	29	20	D.O. 7.8

Did well dewater? Yes (No)	Gallons actually evacuated: 20
Sampling Time: 10:42	Sampling Date: 8/27/99
Sample I.D.: MW-6	Laboratory: (Sequoia) BC Other ___
Analyzed for: ~~TPH-G~~ BTEX MTBE TPH-D (Other:) OXYgenates By 8260	

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

Project #: 990827-51	Job # 204-5508-5801
Sampler: KPS	Date: 8/27/99
Well I.D.: MW-7	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: 19.43	Depth to Water: 9.52
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH

Well Diameter	Multiplier	Well Diameter	Multiplier
2"	0.16	5"	1.02
3"	0.37	6"	1.47
4"	0.65	Other	radius^2 * 0.163

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

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

6.4 (1 Case Volume (Gals.)) X 3 (Specified Volumes) = 19.2 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
9:45	71.9	6.2	230	40	7	D.O. 1.3 / odor
9:46	70.9	6.6	893	35	14	/ odor
9:47	71.3	6.8	792	45	20	D.O. 1.9 / odor

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

Sampling Time: 9:53 Sampling Date: 8/27/99

Sample I.D.: MW-7 Laboratory: (Sequoia) BC Other ___

Analyzed for: (TPH-G BTEX MTBE TPH-D) (Other:) OXYgenates By 8260

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

Project #: 990827-51	Job # 204-5508-5801
Sampler: KPS	Date: 8/27/99
Well I.D.: MW-8	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: 20.67	Depth to Water: 7.82
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH

Well Diameter	Multiplier	Well Diameter	Multiplier
2"	0.16	5"	1.02
3"	0.37	6"	1.47
4"	0.65	Other	radius² * 0.163

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

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

8.4 (1 Case Volume (Gals.)) x 3 (Specified Volumes) = 25.2 Gals. (Calculated Volume)

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
9:59	72.0	7.2	326	13	9	D.O. = 1.5
10:00	71.9	7.4	459	27	18	
10:01	71.3	7.2	358	10	26	D.O. = 2.0

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

Sampling Time: 10:10 Sampling Date: 8/27/99

Sample I.D.: MW-8 Laboratory: (Sequoia) BC Other ___

Analyzed for: (TPH-G BTEX MTBE) TPH-D (Other:) OXYgenates By 8260

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

Project #: 990827-51	Job # 204-5508-5801
Sampler: KPS	Date: 8/27/99
Well I.D.: MW-9	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth: 11.50	Depth to Water: 7.45
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH

Well Diameter	Multiplier	Well Diameter	Multiplier
2"	0.16	5"	1.02
3"	0.37	6"	1.47
4"	0.65	Other	radius² * 0.163

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

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

7.6	X	3	=	7.8 Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
10:53	68.5	8.0	1087	35	2.5	D.O. = 3.5
10:54	69.1	7.8	1101	52	5	
10:55	70.1	7.4	1467	30	8	D.O. = 4.3

Did well dewater? Yes (No)		Gallons actually evacuated: 8	
Sampling Time: 10:56		Sampling Date: 8/27/99	
Sample I.D.: MW-9		Laboratory: (Sequoia) BC Other ____	
Analyzed for: ~~TPH-G~~ BTEX MTBE ~~TPH-D~~ (Other:) OXYgenates By 8260			
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

Project #: 990827-51	Job # 204-5508-5801
Sampler: KPS	Date: 8/27/99
Well I.D.: MW-10	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: 12.65	Depth to Water: 8.62
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH

Well Diameter	Multiplier	Well Diameter	Multiplier
2"	0.16	5"	1.02
3"	0.37	6"	1.47
4"	0.65	Other	radius^2 * 0.163

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

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

2.6 (1 Case Volume (Gals.)) X 3 (Specified Volumes) = 7.8 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
11:23	68.4	7.8	935	13	2.5	D.O. = 1.6
11:24	69.0	7.9	1023	25	5	
11:25	69.8	7.8	958	17	8	D.O. = 1.6

Did well dewater? Yes (No)	Gallons actually evacuated: 8
Sampling Time: 11:30	Sampling Date: 8/27/99
Sample I.D.: MW-10	Laboratory: (Sequoia) BC Other ___
Analyzed for: (TPH-G BTEX MTBE) TPH-D (Other: OXYgenates By 8260)	

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

ATTACHMENT B

Oakland Tier 1 RBCA Risk Based
Screening Levels (RBSLs)

Oakland Tier 1 RBSLs

Medium	Exposure Pathway	Land Use	Type of Risk	Acenaph-thene	Acenaph-thylene	Acetone	Anthra-cene	Arsenic	Barium	Benz(a)-anthracene	Benzene
Surficial Soil [mg/kg]	Ingestion/ Dermal/ Inhalation	Residential	Carcinogenic					3.2E-01		2.5E-01	2.7E+00
			Hazard	3.1E+03	3.1E+03	4.8E+03	1.6E+04	2.0E+01	5.2E+03		8.1E+01
		Commercial/ Industrial	Carcinogenic					1.5E+00		7.9E-01	8.5E+00
			Hazard	2.0E+04	2.0E+04	3.0E+04	1.0E+05	2.5E+02	9.4E+04		5.1E+02
Subsurface Soil [mg/kg]	Inhalation of Outdoor Air Vapors	Residential	Carcinogenic							SAT	1.9E-01
			Hazard	SAT	SAT	5.0E+03	SAT				7.6E+00
		Commercial/ Industrial	Carcinogenic							SAT	7.3E-01
			Hazard	SAT	SAT	2.9E+04	SAT				4.4E+01
	Inhalation of Indoor Air Vapors	Residential	Carcinogenic							SAT	7.8E-02
			Hazard	SAT	SAT	1.7E+03	SAT				2.6E+00
		Commercial/ Industrial	Carcinogenic							SAT	1.2E+00
			Hazard	SAT	SAT	5.0E+04	SAT				7.5E+01
	Ingestion of Groundwater Impacted by Leachate	Residential	Carcinogenic					*4.4E+00*	*1.2E+02*	6.8E-01	*2.1E-03*
			Hazard	2.0E+02	1.4E+02	3.6E-01	SAT	*4.4E+00*	*1.2E+02*		*2.1E-03*
		Commercial/ Industrial	Carcinogenic					*4.4E+00*	*1.2E+02*	2.9E+00	*2.1E-03*
			Hazard	SAT	SAT	2.4E+00	SAT	*4.4E+00*	*1.2E+02*		*2.1E-03*
Groundwater [mg/l]	Ingestion of Groundwater	Residential	Carcinogenic					*5.0E-02*	*1.0E+00*	5.6E-05	*1.0E-03*
			Hazard	9.4E-01	9.4E-01	1.6E+00	>Sol	*5.0E-02*	*1.0E+00*		*1.0E-03*
		Commercial/ Industrial	Carcinogenic					*5.0E-02*	*1.0E+00*	2.4E-04	*1.0E-03*
			Hazard	>Sol	>Sol	1.0E+01	>Sol	*5.0E-02*	*1.0E+00*		*1.0E-03*
	Inhalation of Indoor Air Vapors	Residential	Carcinogenic							>Sol	1.3E-01
			Hazard	>Sol	>Sol	2.3E+04	>Sol				4.2E+00
		Commercial/ Industrial	Carcinogenic							>Sol	2.0E+00
			Hazard	>Sol	>Sol	6.6E+05	>Sol				1.2E+02
	Inhalation of Outdoor Air Vapors	Residential	Carcinogenic							>Sol	5.6E+00
			Hazard	>Sol	>Sol	2.1E+05	>Sol				2.2E+02
		Commercial/ Industrial	Carcinogenic							>Sol	2.1E+01
			Hazard	>Sol	>Sol	>Sol	>Sol				1.3E+03
Water for Recreation [mg/l]	Ingestion/ Dermal	Residential	Carcinogenic					2.0E-03		1.6E-05	6.3E-03
			Hazard	1.1E+00	1.7E+00	4.2E+01	>Sol	1.2E-01	2.8E+01		1.8E-01

*Italicized concentrations based on California MCLs

SAT = RBSL exceeds saturated soil concentration of chemical

>SOL = RBSL exceeds solubility of chemical in water