

CAMBRIA

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

STOP
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ENVIRONMENTAL
PROTECTION
March 29, 2000
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Re: **First Quarter 2000 Monitoring Report**
Shell-branded Service Station
1285 Bancroft Avenue
San Leandro, California
Incident #98996067
Cambria Project #242-0504-002



Dear Mr. Peacock:

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 2000 ACTIVITIES

Groundwater Monitoring: Blaine Tech Services, Inc. (Blaine) of San Jose, California gauged and sampled all wells. Blaine calculated groundwater elevations and compiled the analytical data. Cambria prepared a groundwater elevation contour map (Figure 1). The Blaine report, presenting the laboratory report and supporting field documents, is included as Attachment A.

SECOND QUARTER 2000 ACTIVITIES

Groundwater Monitoring: Blaine will gauge and sample all wells, measure dissolved oxygen concentrations in all wells, and tabulate the data. Cambria will prepare a monitoring report.

Site Investigation: Cambria submitted a *Site Investigation Work Plan* dated February 3, 2000. Once written approval from the ACHCSA has been received, Cambria will initiate additional site investigation and remediation as proposed in the work plan.

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

**Cambria
Environmental
Technology, Inc.**

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

CLOSING

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

Sincerely,
Cambria Environmental Technology, Inc



Darryk Ataide, REA I
Project Manager

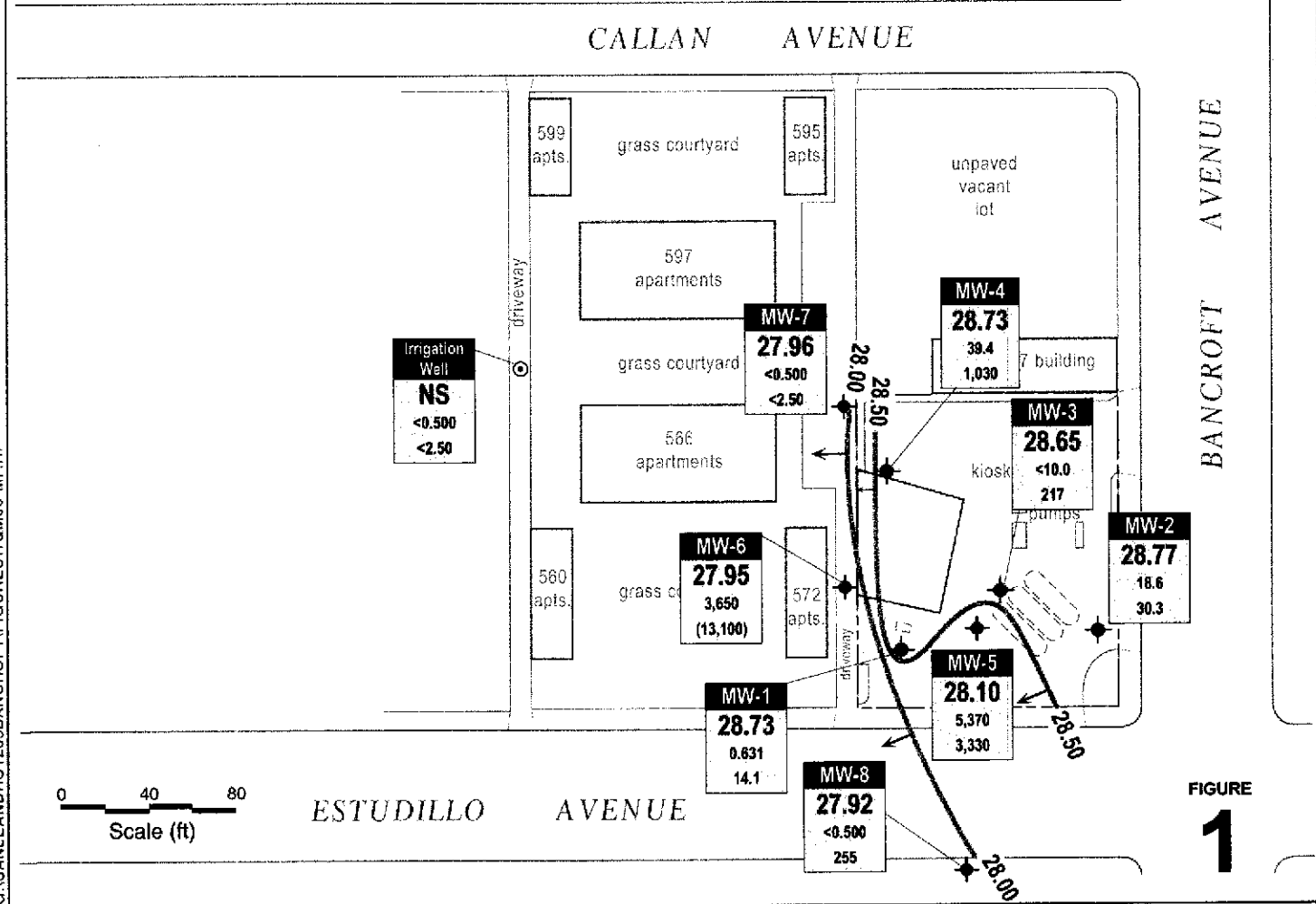
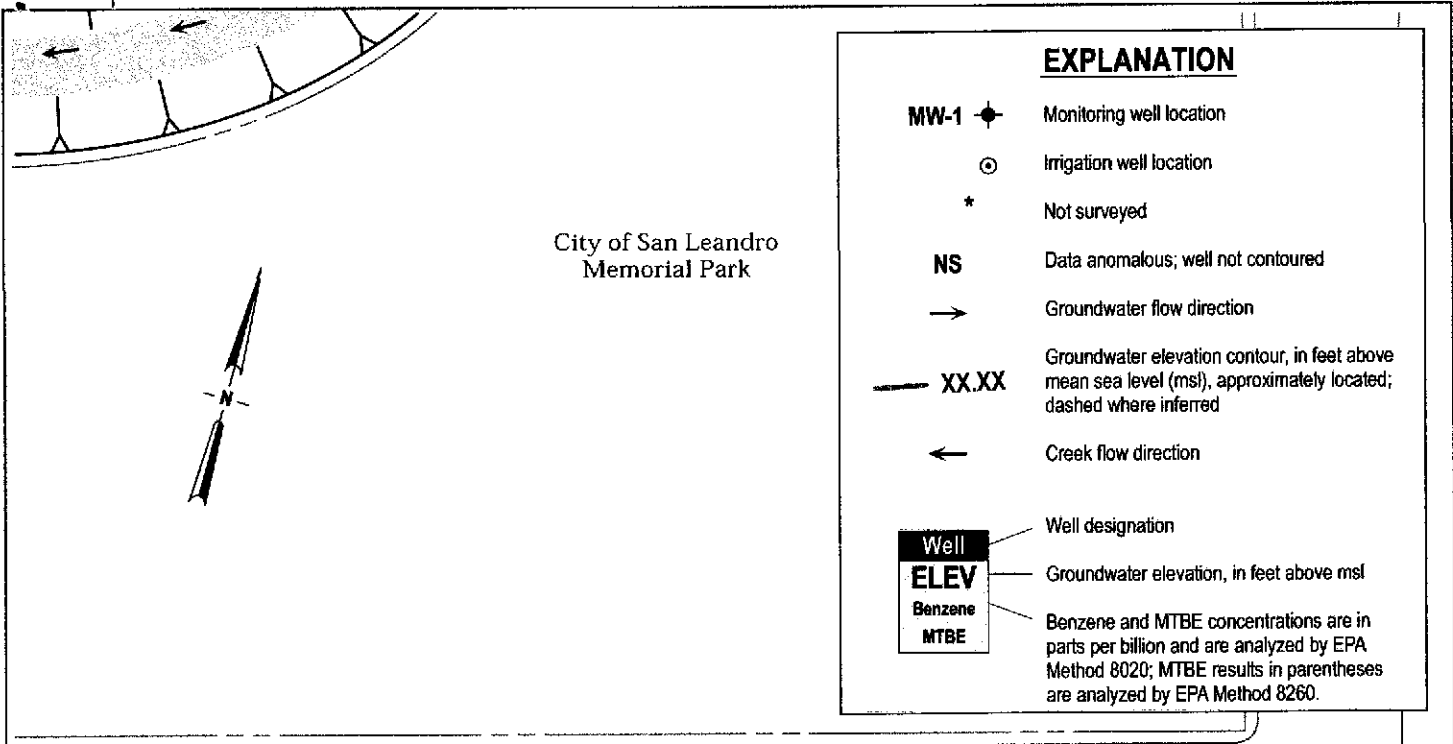
Ailsa S. Le May, R.G.
Senior Geologist



Figure: 1 - Groundwater Elevation Contour Map
Attachment: A - Blaine Groundwater Monitoring Report and Field Notes

cc: Karen Petryna, Equiva Services LLC, P.O. Box 7869, Burbank, California 91510-7869
Mike Bakaldin, City of San Leandro, 835 East 14th Street, San Leandro, California 94577

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Shell-branded Service Station
 1285 Bancroft Avenue
 San Leandro, California
 Incident #98996067



Groundwater Elevation Contour Map

January 7, 2000

ATTACHMENT A

Blaine Groundwater 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

February 16, 2000

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

First Quarter 2000 Groundwater Monitoring at
Shell-branded Service Station
1285 Bancroft Avenue
San Leandro, CA

Monitoring performed on January 7, 2000

Groundwater Monitoring Report **000107-F-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 Martinez Refining Company.

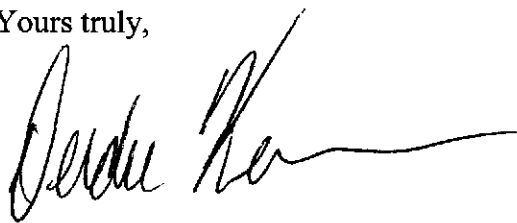
Basic field information is presented alongside analytical values excerpted from the laboratory report in the cumulative table of **WELL CONCENTRATIONS**. The full analytical report for the most recent samples and the field data sheets are attached to this report.

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,

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

Deidre Kerwin
Operations Manager

DK/jh

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
1285 Bancroft Avenue
San Leandro, CA
Wic #204-6852-0703

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	03/13/1990	NA	NA	NA	NA	NA	NA	NA	NA	66.29	42.65	23.64	NA
MW-1	06/12/1990	NA	NA	NA	NA	NA	NA	NA	NA	66.29	43.14	23.15	NA
MW-1	09/13/1990	NA	NA	NA	NA	NA	NA	NA	NA	66.29	44.71	21.58	NA
MW-1	12/18/1990	NA	NA	NA	NA	NA	NA	NA	NA	66.29	45.23	21.06	NA
MW-1	03/07/1991	NA	NA	NA	NA	NA	NA	NA	NA	66.29	43.32	22.97	NA
MW-1	06/07/1991	NA	NA	NA	NA	NA	NA	NA	NA	66.29	42.18	24.11	NA
MW-1	09/17/1991	50a	160a	<0.5	<0.5	<0.5	<0.5	NA	NA	66.29	44.85	21.44	NA
MW-1	03/01/1992	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	66.29	41.56	24.73	NA
MW-1	06/03/1992	<50	NA	0.8	<0.5	0.9	<0.5	NA	NA	66.29	40.74	25.55	NA
MW-1	09/01/1992	<50	NA	<0.5	5.8	5.3	7.2	NA	NA	66.29	43.05	23.24	NA
MW-1	12/07/1992	68	NA	<0.5	0.8	<0.5	1.2	NA	NA	66.29	44.19	22.10	NA
MW-1	03/01/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	66.29	34.96	31.33	NA
MW-1 (D)	03/01/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	66.29	34.96	31.33	NA
MW-1	06/22/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	66.29	36.75	29.54	NA
MW-1	09/09/1993	200a	NA	16	5.2	2	<0.5	NA	NA	66.29	39.36	26.93	NA
MW-1	12/13/1993	89a	NA	3.4	<0.5	<0.5	<0.5	NA	NA	66.29	40.74	25.55	NA
MW-1	03/03/1994	65a	NA	2.6	<0.5	<0.5	<0.5	NA	NA	66.29	38.40	27.89	NA
MW-1	07/27/1994	180	NA	30	1.8	2.6	5	NA	NA	66.90	40.49	26.41	NA
MW-1 (D)	07/27/1994	240	NA	25	2.2	2.2	4	NA	NA	66.90	40.49	26.41	NA
MW-1	08/09/1994	NA	NA	NA	NA	NA	NA	NA	NA	66.90	40.84	26.06	NA
MW-1	10/05/1994	<50	NA	<0.3	<0.3	<0.3	<0.6	NA	NA	66.90	41.98	24.92	NA
MW-1	11/11/1994	NA	NA	NA	NA	NA	NA	NA	NA	66.90	41.34	25.56	NA
MW-1	12/29/1994	NA	NA	NA	NA	NA	NA	NA	NA	66.90	42.06	24.84	NA
MW-1	01/04/1995	<50	NA	2.4	<0.5	<0.5	<0.5	NA	NA	66.90	39.90	27.00	NA
MW-1 (D)	01/04/1995	<50	NA	2.5	<0.5	<0.5	<0.5	NA	NA	66.90	39.90	27.00	NA
MW-1	04/14/1995	<50	NA	<0.5	0.5	<0.5	<0.5	NA	NA	66.90	31.02	35.88	NA
MW-1 (D)	04/14/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	66.90	31.02	35.88	NA

WELL CONCENTRATIONS
Shell-branded Service Station
1285 Bancroft Avenue
San Leandro, CA
Wic #204-6852-0703

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	07/12/1995	<50	NA	1.2	0.8	<0.5	<0.5	NA	NA	66.90	34.61	32.29	NA
MW-1	12/14/1995	380	NA	230	9	1.1	49	NA	NA	66.90	39.24	27.66	NA
MW-1	01/10/1996	60	NA	3.5	<0.5	<0.5	0.5	NA	NA	66.90	38.34	28.56	NA
MW-1	04/25/1996	<50	NA	3.3	2.4	1.2	5.4	NA	NA	66.90	31.95	34.95	NA
MW-1	07/09/1996	810	NA	29	7.3	<5.0	11	1,800	NA	66.90	34.45	32.45	NA
MW-1	10/02/1996	<125	NA	3.1	<1.2	<1.2	<1.2	960	NA	66.90	37.72	29.18	NA
MW-1	01/09/1997	<250	NA	<2.5	<2.5	<2.5	<2.5	510	NA	66.90	32.25	34.65	NA
MW-1	04/09/1997	<50	NA	<0.5	<0.5	<0.5	<0.5	130	NA	66.90	32.90	34.00	NA
MW-1	07/02/1997	<250	NA	60	7.6	4.2	18	1,300	NA	66.90	36.65	30.25	NA
MW-1	10/24/1997	<500	NA	140	<5.0	12	40	2,600	NA	66.90	39.75	27.15	4.5
MW-1	01/08/1998	<50	NA	<0.50	<0.50	<0.50	<0.50	170	NA	66.90	36.31	30.59	4.0
MW-1 b	04/14/1998	72	NA	0.82	4.9	1.8	13	2.7	NA	66.90	26.37	40.53	2.2
MW-1	07/15/1998	<50	NA	2.5	1.5	<0.50	<0.50	12	NA	66.90	31.23	35.67	2.4
MW-1	10/13/1998	<50	NA	3.2	0.69	<0.50	1.1	29	NA	66.90	35.69	31.21	1.3
MW-1	01/22/1999	567	NA	79.7	120	21.4	99.9	193	190	66.90	35.32	31.58	1.2
MW-1	04/16/1999	<50	NA	0.69	1.1	1.2	<0.50	8.2	NA	66.90	31.76	35.14	1.0
MW-1	07/22/1999	<50	NA	<0.500	<0.500	<0.500	<0.500	<5.00	2.17	66.90	23.21	43.69	2.1/2.0
MW-1	12/08/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<5.00	NA	66.90	33.27	33.63	2.2/2.1
MW-1	01/07/2000	<50.0	NA	0.631	0.577	<0.500	1.25	14.1	NA	66.90	38.17	28.73	1.0
MW-2	03/01/1992	910	<50	11	5.2	50	140	NA	NA	66.91	41.57	25.34	NA
MW-2	06/03/1992	1,400	NA	33	16	150	240	NA	NA	66.91	40.56	26.35	NA
MW-2	09/01/1992	230	NA	5.2	4.1	15	19	NA	NA	66.91	42.94	23.97	NA
MW-2 (D)	09/01/1992	320	NA	5.6	5	18	220	NA	NA	66.91	42.94	23.97	NA
MW-2	12/07/1992	240	NA	1.5	1.3	9.5	9.9	NA	NA	66.91	44.13	22.78	NA
MW-2 (D)	12/07/1992	<50	NA	1.7	1	13	12	NA	NA	66.91	44.13	22.78	NA
MW-2	03/01/1993	230	NA	260	310	27	66	NA	NA	66.91	34.82	32.09	NA
MW-2	06/22/1993	220	NA	18	3.4	3.6	5.2	NA	NA	66.91	36.64	30.27	NA

WELL CONCENTRATIONS
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Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
MW-2 (D)	06/22/1993	320	NA	29	4.8	4.2	6.1	NA	NA	66.91	36.64	30.27	NA
MW-2	09/09/1993	260	NA	18	4.6	16	12	NA	NA	66.91	39.24	27.67	NA
MW-2 (D)	09/09/1993	210	NA	16	3.9	14	9.1	NA	NA	66.91	39.24	27.67	NA
MW-2	12/13/1993	1,300a	NA	82	34	73	15	NA	NA	66.91	40.64	26.27	NA
MW-2 (D)	12/13/1993	1,400a	NA	110	45	72	19	NA	NA	66.91	40.64	26.27	NA
MW-2	03/03/1994	9,600	NA	1,200	600	390	710	NA	NA	66.91	38.98	27.93	NA
MW-2 (D)	03/03/1994	10,000	NA	930	500	330	590	NA	NA	66.91	38.98	27.93	NA
MW-2	07/27/1994	190	NA	<0.5	1	<0.5	<0.5	NA	NA	66.91	40.40	26.51	NA
MW-2	08/09/1994	1,500	NA	53.5	12.4	46.2	44	NA	NA	66.91	40.71	26.20	NA
MW-2	10/05/1994	<485	NA	<0.3	<0.3	<0.3	<0.6	NA	NA	66.91	41.89	25.02	NA
MW-2	11/11/1994	NA	NA	NA	NA	NA	NA	NA	NA	66.91	41.22	25.69	NA
MW-2	12/29/1994	NA	NA	NA	NA	NA	NA	NA	NA	66.91	41.99	24.92	NA
MW-2	01/04/1995	1,300	NA	150	35	23	51	NA	NA	66.91	39.81	27.10	NA
MW-2	04/14/1995	5,000	NA	1,000	340	400	810	NA	NA	66.91	30.83	36.08	NA
MW-2	07/12/1995	4,500	NA	440	170	170	290	NA	NA	66.91	34.50	32.41	NA
MW-2 (D)	07/12/1995	4,300	NA	430	160	160	280	NA	NA	66.91	34.50	32.41	NA
MW-2	12/14/1995	37,000	NA	1,800	7,600	1,000	6,700	NA	NA	66.91	39.22	27.69	NA
MW-2 (D)	12/14/1995	34,000	NA	1,800	6,600	1,000	6,500	NA	NA	66.91	39.22	27.69	NA
MW-2	01/10/1996	69,000	NA	1,000	3,200	510	3,300	NA	NA	66.91	38.22	28.69	NA
MW-2 (D)	01/10/1996	78,000	NA	1,100	3,500	560	3,600	NA	NA	66.91	38.22	28.69	NA
MW-2	04/25/1996	11,000	NA	820	880	210	1,400	NA	NA	66.91	31.78	35.13	NA
MW-2 (D)	04/25/1996	9,300	NA	690	710	160	1,200	NA	NA	66.91	31.78	35.13	NA
MW-2	07/09/1996	100,000	NA	15,000	24,000	1,700	9,900	70,000	NA	66.91	34.35	32.56	NA
MW-2 (D)	07/09/1996	86,000	NA	12,000	19,000	1,400	7,500	32,000	NA	66.91	34.35	32.56	NA
MW-2	10/02/1996	82,000	NA	20,000	32,000	1,800	9,100	40,000	NA	66.91	37.56	29.35	NA
MW-2 (D)	10/02/1996	89,000	NA	19,000	31,000	1,700	8,900	42,000	NA	66.91	37.56	29.35	NA
MW-2	01/09/1997	17,000	NA	710	2,300	350	2,200	4,000	NA	66.91	32.07	34.84	NA
MW-2 (D)	01/09/1997	12,000	NA	490	1,300	260	1,800	2,800	NA	66.91	32.07	34.84	NA

WELL CONCENTRATIONS
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San Leandro, CA
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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-2	04/09/1997	20,000	NA	970	3,500	330	2,000	3,200	NA	66.91	32.78	34.13	NA
MW-2	07/02/1997	28,000	NA	1,700	8,700	550	3,000	5,500	NA	66.91	36.56	30.35	NA
MW-2 (D)	07/02/1997	32,000	NA	2,000	11,000	680	3,800	6,400	NA	66.91	36.56	30.35	NA
MW-2	10/24/1997	14,000	NA	460	1,000	300	2,000	3,000	NA	66.91	39.74	27.17	3.2
MW-2 (D)	10/24/1997	14,000	NA	420	980	270	2,000	2,800	NA	66.91	39.74	27.17	3.2
MW-2	01/08/1998	180	NA	2.8	1.6	<0.50	<0.50	7.6	NA	66.91	36.13	30.78	3.6
MW-2 b	04/14/1998	12,000	NA	92	1,500	260	1,900	110	NA	66.91	26.15	40.76	4.6
MW-2	07/15/1998	36,000	NA	250	5,600	830	6,000	6,800	NA	66.91	31.14	35.77	4.8
MW-2 (D)	07/15/1998	35,000	NA	230	5,600	860	600	570	NA	66.91	31.14	35.77	4.8
MW-2	10/13/1998	100	NA	7	12	3.7	10	5.8	NA	66.91	36.14	30.77	0.8
MW-2	01/22/1999	21,000	NA	701	3,330	960	5420	772	620	66.91	35.97	30.94	1.0
MW-2	04/16/1999	14,000	NA	200	1,600	560	3,300	330	NA	66.91	31.52	35.39	1.0
MW-2	07/22/1999	1,410	NA	28.3	91.2	50.4	256	35.3	15.2	66.91	26.14	40.77	2.1/2.5
MW-2	12/08/1999	<50.0	NA	1.45	1.34	1.15	5.31	5.08	NA	66.91	37.72	29.19	2.1/2.5
MW-2	01/07/2000	743	NA	18.6	47.0	3.06	166	30.3	NA	66.91	38.14	28.77	1.4/1.8
MW-3	03/01/1992	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	66.31	42.00	24.31	NA
MW-3	06/03/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	66.31	44.30	22.01	NA
MW-3	09/01/1992	<50	NA	<0.5	<0.5	1.1	3.2	NA	NA	66.31	43.62	22.69	NA
MW-3	12/07/1992	52	NA	<0.5	<0.5	<0.5	0.5	NA	NA	66.31	44.77	21.54	NA
MW-3	03/01/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	66.31	35.50	30.81	NA
MW-3	06/22/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	66.31	37.30	29.01	NA
MW-3	09/09/1993	50a	NA	5	<0.5	<0.5	<0.5	NA	NA	66.31	39.90	26.41	NA
MW-3	12/13/1993	120a	NA	7.5	<0.5	1.6	6.3	NA	NA	66.31	41.30	25.01	NA
MW-3	03/03/1994	<50	NA	0.81	<0.5	<0.5	<0.5	NA	NA	66.31	38.32	27.99	NA
MW-3	07/27/1994	<50	NA	3.5	<0.5	<0.5	<0.5	NA	NA	67.52	41.07	26.45	NA
MW-3	08/09/1994	NA	NA	NA	NA	NA	NA	NA	NA	67.52	41.37	26.15	NA
MW-3	10/05/1994	<57	NA	<0.3	<0.3	<0.3	<0.6	NA	NA	67.52	42.55	24.97	NA

WELL CONCENTRATIONS
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Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
MW-3	11/11/1994	NA	NA	NA	NA	NA	NA	NA	NA	67.52	41.86	25.66	NA
MW-3	12/29/1994	NA	NA	NA	NA	NA	NA	NA	NA	67.52	42.59	24.93	NA
MW-3	01/04/1995	<50	NA	6	<0.5	<0.5	<0.5	NA	NA	67.52	40.54	26.98	NA
MW-3	04/14/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	67.52	31.50	36.02	NA
MW-3	07/12/1995	90	NA	16	<0.5	<0.5	<0.5	NA	NA	67.52	35.14	32.38	NA
MW-3	12/14/1995	4,600	NA	460	390	34	1,000	NA	NA	67.52	39.86	27.66	NA
MW-3	01/10/1996	11,000	NA	470	460	68	670	NA	NA	67.52	39.98	27.54	NA
MW-3	04/25/1996	5,500	NA	830	910	<50	460	NA	NA	67.52	32.38	35.14	NA
MW-3	07/09/1996	72,000	NA	7,600	14,000	970	5,900	59,000	NA	67.52	34.93	32.59	NA
MW-3	10/02/1996	77,000	NA	15,000	24,000	2,000	9,600	94,000	71,000	67.52	38.20	29.32	NA
MW-3	01/09/1997	130	NA	15	16	2	9.7	80	NA	67.52	32.81	34.71	NA
MW-3	04/09/1997	24,000	NA	2,900	5,300	420	2,200	4,100	NA	67.52	33.42	34.10	NA
MW-3 (D)	04/09/1997	24,000	NA	3,000	5,600	450	2,300	4,700	NA	67.52	33.42	34.10	NA
MW-3	07/02/1997	68,000	NA	7,400	18,000	1,600	8,700	16,000	NA	67.52	37.22	30.30	NA
MW-3	10/24/1997	93,000	NA	1,800	8,500	2,300	14,000	3,100	NA	67.52	40.75	26.77	1.8
MW-3	01/08/1998	16,000	NA	140	870	22	5,000	120	NA	67.52	36.90	30.62	2.1
MW-3 (D)	01/08/1998	24,000	NA	100	840	26	5,600	<100	NA	67.52	36.90	30.62	2.1
MW-3 b	04/14/1998	100,000	NA	270	5,000	2,100	17,000	890	NA	67.52	26.92	40.60	1.8
MW-3 (D) b	04/14/1998	49,000	NA	230	3,200	1,200	8,900	790	NA	67.52	26.92	40.60	1.8
MW-3	07/15/1998	31,000	NA	1,100	3,300	300	2,800	3,700	NA	67.52	31.74	35.78	2
MW-3	10/13/1998	51,000	NA	3,100	12,000	7,630	6,800	6,200	NA	67.52	35.61	31.91	2.1
MW-3 (D)	10/13/1998	88,000	NA	5800	21,000	1,400	12,000	9200	NA	67.52	35.61	31.91	2.1
MW-3	01/22/1999	25,100	NA	855	4,400	786	5,260	1,850	1,500	67.52	35.29	32.23	0.8
MW-3	04/16/1999	7,800	NA	150	550	160	1,100	370	NA	67.52	32.29	35.23	1.0
MW-3	07/22/1999	1,970	NA	51.2	160	43.1	286	179	109	67.52	26.67	40.85	3.1/3.0
MW-3	12/08/1999	12,500	NA	171	537	141	1,260	717	NA	67.52	38.34	29.18	3.1/2.9
MW-3	01/07/2000	6,020	NA	<10.0	929	177	1,170	217	NA	67.52	38.87	28.65	3.2/2.6

WELL CONCENTRATIONS
Shell-branded Service Station
1285 Bancroft Avenue
San Leandro, CA
Wic #204-6852-0703

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	07/27/1994	120	NA	3.4	3.9	0.6	4.9	NA	NA	68.08	41.78	26.30	NA
MW-4	08/09/1994	NA	NA	NA	NA	NA	NA	NA	NA	68.08	42.09	25.99	NA
MW-4	10/05/1994	<50	NA	<0.3	<0.3	<0.3	<0.6	NA	NA	68.08	43.25	24.83	NA
MW-4 (D)	10/05/1994	<50	NA	<0.3	<0.3	<0.3	<0.6	NA	NA	68.08	43.25	24.83	NA
MW-4	11/11/1994	NA	NA	NA	NA	NA	NA	NA	NA	68.08	42.54	25.54	NA
MW-4	12/29/1994	NA	NA	NA	NA	NA	NA	NA	NA	68.08	43.34	24.74	NA
MW-4	01/04/1995	<50	NA	1.4	<0.5	<0.5	<0.5	NA	NA	68.08	41.57	26.51	NA
MW-4	04/14/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	68.08	32.24	35.84	NA
MW-4	07/12/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	68.08	35.88	32.20	NA
MW-4	12/14/1995	70	NA	0.6	<0.5	<0.5	<0.5	NA	NA	68.08	40.54	27.54	NA
MW-4	01/10/1996	280	NA	3.7	1	<0.5	0.8	NA	NA	68.08	39.59	28.49	NA
MW-4	04/25/1996	<500	NA	63	<5.0	<5.0	<5.0	NA	NA	68.08	33.22	34.86	NA
MW-4	07/09/1996	<2000	NA	160	<20	<20	<20	5,300	NA	68.08	35.70	32.38	NA
MW-4	10/02/1996	<5,000	NA	480	<50	<50	<50	19,000	NA	68.08	38.95	29.13	NA
MW-4	01/09/1997	<2,000	NA	43	<20	<20	<20	7,000	NA	68.08	33.04	35.04	NA
MW-4	04/09/1997	<2,500	NA	120	<25	<25	<25	8,100	NA	68.08	34.15	33.93	NA
MW-4	07/02/1997	<2,000	NA	81	<20	<20	<20	6,600	NA	68.08	37.92	30.16	NA
MW-4	10/24/1997	<500	NA	90	<5.0	11	6.3	3,200	NA	68.08	41.00	27.08	2.1
MW-4	01/08/1998	<50	NA	3.9	<0.50	<0.50	<0.50	1,800	NA	68.08	37.54	30.54	2.2
MW-4 b	04/14/1998	920	NA	<0.50	<0.50	<0.50	<0.50	27	NA	68.08	27.75	40.33	1.2
MW-4	07/15/1998	2,100	NA	160	76	120	190	2,600	NA	68.08	32.47	35.61	1.8
MW-4	10/13/1998	<50	NA	<0.50	<0.50	<0.50	<0.50	17	NA	68.08	36.75	31.33	1.1
MW-4	01/22/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	7	13	68.08	36.41	31.67	1.6
MW-4	04/16/1999	1,800	NA	92	35	110	200	1,800	2,750	68.08	33.00	35.08	1.2
MW-4	07/22/1999	Well Inaccessible		NA	NA	NA	NA	NA	NA	68.08	27.59	40.49	NA
MW-4	12/08/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	22.6	NA	68.08	39.04	29.04	2.5/2.6
MW-4	01/07/2000	871	NA	39.4	69.0	71.6	99.6	1,030	NA	68.08	39.35	28.73	1.2/1.2

WELL CONCENTRATIONS
Shell-branded Service Station
1285 Bancroft Avenue
San Leandro, CA
Wic #204-6852-0703

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*	06/04/1999	159,000	NA	7,190	39,300	2,450	16,700	<5000	NA	66.50	33.48	33.02	1.7
MW-5	06/04/1999	80,400	NA	4,400	26,000	1,480	11,000	3660	NA	66.50	33.48	33.02	1.9
MW-5	07/22/1999	97,200	NA	4,580	25,600	1,580	10,100	<5000	4,330	66.50	33.29	33.21	1.7/1.8
MW-5	12/08/1999	72,000	NA	3,360	16,600	1,560	8,320	3,460	NA	66.50	37.80	28.70	1.7/1.9
MW-5	01/07/2000	104,000	NA	5,370	30,400	2,500	13,900	3,330	NA	66.50	38.40	28.10	1.6/1.2
MW-6*	06/04/1999	36,000	NA	4,240	1,680	1,100	4,160	11,300	17,500	64.98	32.13	32.85	1.3
MW-6	06/04/1999	56,900	NA	6,830	6,050	1,970	9,060	17,000	24,300	64.98	32.13	32.85	1.3
MW-6	07/22/1999	42,800	NA	4,660	740	1,210	4,980	15,600	20,100	64.98	32.09	32.89	2.9/2.1
MW-6	12/08/1999	9,520	NA	1,760	58.0	142	384	9,320	7,310c	64.98	36.62	28.36	2.9/2.2
MW-6	01/07/2000	20,000	NA	3,650	367	949	1,700	13,600	13,100	64.98	37.03	27.95	1.2/1.4
MW-7*	06/04/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<5.00	NA	65.83	33.03	32.80	1.4
MW-7	06/04/1999	<50.0	NA	0.663	<0.500	0.677	<0.500	11.7	NA	65.83	33.03	32.80	1.4
MW-7	07/22/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<5.00	<2.00	65.83	33.09	32.74	2.7/2.4
MW-7	12/08/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<5.00	NA	65.83	37.68	28.15	2.7/2.4
MW-7	01/07/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	65.83	37.87	27.96	2.8/2.6
MW-8*	06/04/1999	<50	NA	<0.500	<0.500	<0.500	<0.500	452	NA	65.07	32.19	32.88	2.1
MW-8	06/04/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	186	NA	65.07	32.19	32.88	1.8
MW-8	07/22/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	286	443	65.07	32.14	32.93	2.9/2.7
MW-8	12/08/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<5.00	NA	65.07	36.75	28.32	2.9/2.7
MW-8	01/07/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	255	NA	65.07	37.15	27.92	1.8/2.0
Irrigation Well	06/04/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<5.00	<2.00	NA	NA	NA	NA
Irrigation Well	07/22/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<5.00	<2.00	NA	NA	NA	NA
Irrigation Well	12/08/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<5.00	NA	NA	NA	NA	NA
Irrigation Well	01/07/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA

WELL CONCENTRATIONS
Shell-branded Service Station
1285 Bancroft Avenue
San Leandro, CA
Wic #204-6852-0703

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

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

n/n = Pre-purge/post-purge DO reading.

NA = Not applicable

Notes:

a = Chromatogram pattern indicated an unidentified hydrocarbon.

b = Equipment blank contained 80 ug/L TPH-G, 1.2 ug/L benzene, 17 ug/L toluene, 3.2 ug/L ethylbenzene, 16 ug/L xylenes, and 15 ug/L MTBE

TOC elevation of wells MW-1, MW-2, and MW-3 resurveyed March 29, 1994

c = Sample was analyzed outside the EPA recommended holding time.

d = DO Reading not taken.

* Pre-purge samples

Survey of wells was performed on June 21, 1999 by Virgil Chavez land surveying, Vallejo, CA.



January 21, 2000

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

RE: Equiva 1285 Bancroft, San Leandro/M001244

Dear Leah Davis

Enclosed are the results of analyses for sample(s) received by the laboratory on January 10, 2000. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Kayvan Kinyai
Project Manager D.M.

CA ELAP Certificate Number 1210





Blaine Tech Services (Shell) 1680 Rogers Avenue San Jose, CA 95112	Project: Equiva Project Number: 1285 Bancroft Project Manager: Leah Davis	Sampled: 1/7/00 Received: 1/10/00 Reported: 1/21/00
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ANALYTICAL REPORT FOR M001244

Sample Description	Laboratory Sample Number	Sample Matrix	Date Sampled
MW-1	M001244-01	Water	1/7/00
MW-2	M001244-02	Water	1/7/00
MW-3	M001244-03	Water	1/7/00
MW-4	M001244-04	Water	1/7/00
MW-5	M001244-05	Water	1/7/00
MW-6	M001244-06	Water	1/7/00
MW-7	M001244-07	Water	1/7/00
MW-8	M001244-08	Water	1/7/00
IW-1	M001244-09	Water	1/7/00





Blaine Tech Services (Shell) 1680 Rogers Avenue San Jose, CA 95112	Project: Equiva Project Number: 1285 Bancroft Project Manager: Leah Davis	Sampled: 1/7/00 Received: 1/10/00 Reported: 1/21/00
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**Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT
Sequoia Analytical - Sacramento**

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
MW-1				M001244-01		Water		
Purgeable Hydrocarbons	0010145	1/17/00	1/17/00		50.0	ND	ug/l	
Benzene	"	"	"		0.500	0.631	"	
Toluene	"	"	"		0.500	0.577	"	
Ethylbenzene	"	"	"		0.500	ND	"	
Xylenes (total)	"	"	"		0.500	1.25	"	
Methyl tert-butyl ether	"	"	"		2.50	14.1	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	60.0-140		97.7	%	
MW-2				M001244-02		Water		
Purgeable Hydrocarbons	0010145	1/17/00	1/17/00		50.0	743	ug/l	1
Benzene	"	"	"		0.500	18.6	"	
Toluene	"	"	"		0.500	47.0	"	
Ethylbenzene	"	"	"		0.500	3.06	"	
Xylenes (total)	"	"	"		0.500	166	"	
Methyl tert-butyl ether	"	"	"		2.50	30.3	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	60.0-140		68.6	%	
MW-3				M001244-03		Water		
Purgeable Hydrocarbons	0010145	1/17/00	1/17/00		100.0	6020	ug/l	2,D
Benzene	"	"	"		10.0	ND	"	D
Toluene	"	"	"		10.0	929	"	D
Ethylbenzene	"	"	"		10.0	177	"	D
Xylenes (total)	"	"	"		10.0	1170	"	D
Methyl tert-butyl ether	"	"	"		50.0	217	"	D
Surrogate: a,a,a-Trifluorotoluene	"	"	"	60.0-140		92.1	%	
MW-4				M001244-04		Water		
Purgeable Hydrocarbons	0010145	1/17/00	1/17/00		100	871	ug/l	3,D
Benzene	"	"	"		1.00	39.4	"	D
Toluene	"	"	"		1.00	69.0	"	D
Ethylbenzene	"	"	"		1.00	71.6	"	D
Xylenes (total)	"	"	"		1.00	99.6	"	D
Surrogate: a,a,a-Trifluorotoluene	"	"	"	60.0-140		101	%	
Methyl tert-butyl ether	"	"	"		50.0	1030	ug/l	D
Surrogate: a,a,a-Trifluorotoluene	"	"	"	60.0-140		88.6	%	
MW-5				M001244-05		Water		
Purgeable Hydrocarbons	0010154	1/17/00	1/17/00		25000	104000	ug/l	1,D
Benzene	"	"	"		250	5370	"	D
Toluene	"	"	"		250	30400	"	D
Ethylbenzene	"	"	"		250	2500	"	D





Blaine Tech Services (Shell) 1680 Rogers Avenue San Jose, CA 95112	Project: Equiva Project Number: 1285 Bancroft Project Manager: Leah Davis	Sampled: 1/7/00 Received: 1/10/00 Reported: 1/21/00
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**Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT
Sequoia Analytical - Sacramento**

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
MW-5 (continued)				M001244-05			Water	
Xylenes (total)	0010154	1/17/00	1/17/00		250	13900	ug/l	D
Methyl tert-butyl ether	"	"	"		1250	3330	"	D
Surrogate: a,a,a-Trifluorotoluene	"	"	"	60.0-140		94.8	%	
MW-6				M001244-06			Water	
Purgeable Hydrocarbons	0010154	1/17/00	1/17/00		10000	20000	ug/l	I,D
Benzene	"	"	"		100	3650	"	D
Toluene	"	"	"		100	367	"	D
Ethylbenzene	"	"	"		100	949	"	D
Xylenes (total)	"	"	"		100	1790	"	D
Methyl tert-butyl ether	"	"	"		500	13600	"	D
Surrogate: a,a,a-Trifluorotoluene	"	"	"	60.0-140		101	%	
MW-7				M001244-07			Water	
Purgeable Hydrocarbons	0010153	1/17/00	1/17/00		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	"	"	"		2.50	ND	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	60.0-140		87.4	%	
MW-8				M001244-08			Water	
Purgeable Hydrocarbons	0010153	1/17/00	1/17/00		50.0	ND	ug/l	
Benzene	"	"	"		0.500	ND	"	
Toluene	"	"	"		0.500	ND	"	
Ethylbenzene	"	"	"		0.500	ND	"	
Xylenes (total)	"	"	"		0.500	ND	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	60.0-140		78.0	%	
Methyl tert-butyl ether	"	"	"		25.0	255	ug/l	D
Surrogate: a,a,a-Trifluorotoluene	"	"	"	60.0-140		89.4	%	
IW-1				M001244-09			Water	
Purgeable Hydrocarbons	0010153	1/17/00	1/17/00		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	"	"	"		2.50	ND	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	60.0-140		89.0	%	





Blaine Tech Services (Shell) 1680 Rogers Avenue San Jose, CA 95112	Project: Equiva Project Number: 1285 Bancroft Project Manager: Leah Davis	Sampled: 1/7/00 Received: 1/10/00 Reported: 1/21/00
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**MTBE Confirmation by EPA Method 8260A
Sequoia Analytical - Sacramento**

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
MW-6				M001244-06			Water	
Methyl tert-butyl ether	0010151	1/18/00	1/18/00		200	13100	ug/l	D
<i>Surrogate: 1,2-DCA-d4</i>	"	"	"	60.0-140		116	%	





Blaine Tech Services (Shell) 1680 Rogers Avenue San Jose, CA 95112	Project: Equiva Project Number: 1285 Bancroft Project Manager: Leah Davis	Sampled: 1/7/00 Received: 1/10/00 Reported: 1/21/00
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**Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT/Quality Control
Sequoia Analytical - Sacramento**

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Reporting Limit Units	Recov. %	RPD Limit	RPD %	Notes*
Batch: 0010145			Date Prepared: 1/17/00		Extraction Method: EPA 5030B (MeOH)				
Blank			0010145-BLK1						
Purgeable Hydrocarbons	1/17/00			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	"	2.50			
<i>Surrogate: a,a,a-Trifluorotoluene</i>	"	10.0		9.66	"	60.0-140	96.6		
LCS			0010145-BS1						
Benzene	1/17/00	10.0		9.54	ug/l	70.0-130	95.4		
Toluene	"	10.0		9.47	"	70.0-130	94.7		
Ethylbenzene	"	10.0		9.43	"	70.0-130	94.3		
Xylenes (total)	"	30.0		28.4	"	70.0-130	94.7		
Methyl tert-butyl ether	"	10.0		9.63	"	70.0-130	96.3		
<i>Surrogate: a,a,a-Trifluorotoluene</i>	"	10.0		9.90	"	60.0-140	99.0		
Matrix Spike			0010145-MS1 S001158-01						
Benzene	1/17/00	10.0	ND	9.13	ug/l	60.0-140	91.3		
Toluene	"	10.0	2.00	11.0	"	60.0-140	90.0		
Ethylbenzene	"	10.0	ND	9.20	"	60.0-140	92.0		
Xylenes (total)	"	30.0	ND	27.8	"	60.0-140	92.7		
Methyl tert-butyl ether	"	10.0	ND	11.5	"	60.0-140	115		
<i>Surrogate: a,a,a-Trifluorotoluene</i>	"	10.0		8.92	"	60.0-140	89.2		
Matrix Spike Dup			0010145-MSD1 S001158-01						
Benzene	1/17/00	10.0	ND	9.54	ug/l	60.0-140	95.4	25.0	4.39
Toluene	"	10.0	2.00	11.5	"	60.0-140	95.0	25.0	5.41
Ethylbenzene	"	10.0	ND	9.56	"	60.0-140	95.6	25.0	3.84
Xylenes (total)	"	30.0	ND	28.4	"	60.0-140	94.7	25.0	2.13
Methyl tert-butyl ether	"	10.0	ND	11.4	"	60.0-140	114	25.0	0.873
<i>Surrogate: a,a,a-Trifluorotoluene</i>	"	10.0		8.56	"	60.0-140	85.6		
Batch: 0010153			Date Prepared: 1/17/00		Extraction Method: EPA 5030B (P/T)				
Blank			0010153-BLK1						
Purgeable Hydrocarbons	1/17/00			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	"	2.50			





Blaine Tech Services (Shell) 1680 Rogers Avenue San Jose, CA 95112	Project: Equiva Project Number: 1285 Bancroft Project Manager: Leah Davis	Sampled: 1/7/00 Received: 1/10/00 Reported: 1/21/00
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Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT/Quality Control
Sequoia Analytical - Sacramento

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
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Blank (continued)	0010153-BLK1									
Surrogate: a,a,a-Trifluorotoluene	1/17/00	10.0		8.97	ug/l	60.0-140	89.7			

LCS	0010153-BS1									
Benzene	1/17/00	10.0		8.69	ug/l	70.0-130	86.9			
Toluene	"	10.0		8.73	"	70.0-130	87.3			
Ethylbenzene	"	10.0		8.79	"	70.0-130	87.9			
Xylenes (total)	"	30.0		27.5	"	70.0-130	91.7			
Methyl tert-butyl ether	"	10.0		7.66	"	70.0-130	76.6			
Surrogate: a,a,a-Trifluorotoluene	"	10.0		8.81	"	60.0-140	88.1			

Matrix Spike	0010153-MS1		M001244-07							
Benzene	1/17/00	10.0	ND	8.80	ug/l	60.0-140	88.0			
Toluene	"	10.0	ND	8.67	"	60.0-140	86.7			
Ethylbenzene	"	10.0	ND	8.63	"	60.0-140	86.3			
Xylenes (total)	"	30.0	ND	25.8	"	60.0-140	86.0			
Methyl tert-butyl ether	"	10.0	ND	34.5	"	60.0-140	345			4
Surrogate: a,a,a-Trifluorotoluene	"	10.0		9.49	"	60.0-140	94.9			

Matrix Spike Dup	0010153-MSD1		M001244-07							
Benzene	1/17/00	10.0	ND	8.73	ug/l	60.0-140	87.3	25.0	0.799	
Toluene	"	10.0	ND	8.55	"	60.0-140	85.5	25.0	1.39	
Ethylbenzene	"	10.0	ND	8.60	"	60.0-140	86.0	25.0	0.348	
Xylenes (total)	"	30.0	ND	25.3	"	60.0-140	84.3	25.0	2.00	
Methyl tert-butyl ether	"	10.0	ND	9.52	"	60.0-140	95.2	25.0	113	
Surrogate: a,a,a-Trifluorotoluene	"	10.0		9.37	"	60.0-140	93.7			

Batch: 0010154	Date Prepared: 1/17/00					Extraction Method: EPA 5030B (P/T)				
Blank	0010154-BLK1									
Purgeable Hydrocarbons	1/17/00			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	"	2.50				
Surrogate: a,a,a-Trifluorotoluene	"	10.0		10.1	"	60.0-140	101			

LCS	0010154-BS1									
Benzene	1/17/00	10.0		9.38	ug/l	70.0-130	93.8			
Toluene	"	10.0		9.54	"	70.0-130	95.4			
Ethylbenzene	"	10.0		9.48	"	70.0-130	94.8			
Xylenes (total)	"	30.0		28.5	"	70.0-130	95.0			





Blaine Tech Services (Shell) 1680 Rogers Avenue San Jose, CA 95112	Project: Equiva Project Number: 1285 Bancroft Project Manager: Leah Davis	Sampled: 1/7/00 Received: 1/10/00 Reported: 1/21/00
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**Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT/Quality Control
Sequoia Analytical - Sacramento**

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
LCS (continued)										
	0010154-BS1									
Methyl tert-butyl ether	1/17/00	10.0		7.97	ug/l	70.0-130	79.7			
Surrogate: a,a,a-Trifluorotoluene	"	10.0		10.7	"	60.0-140	107			
Matrix Spike										
	0010154-MS1		S001159-01							
Benzene	1/17/00	10.0	ND	9.60	ug/l	60.0-140	96.0			
Toluene	"	10.0	2.88	12.4	"	60.0-140	95.2			
Ethylbenzene	"	10.0	ND	9.68	"	60.0-140	96.8			
Xylenes (total)	"	30.0	ND	29.7	"	60.0-140	99.0			
Methyl tert-butyl ether	"	10.0	ND	9.64	"	60.0-140	96.4			
Surrogate: a,a,a-Trifluorotoluene	"	10.0		10.1	"	60.0-140	101			
Matrix Spike Dup										
	0010154-MSD1		S001159-01							
Benzene	1/17/00	10.0	ND	9.85	ug/l	60.0-140	98.5	25.0	2.57	
Toluene	"	10.0	2.88	12.6	"	60.0-140	97.2	25.0	2.08	
Ethylbenzene	"	10.0	ND	10.0	"	60.0-140	100	25.0	3.25	
Xylenes (total)	"	30.0	ND	30.6	"	60.0-140	102	25.0	2.99	
Methyl tert-butyl ether	"	10.0	ND	9.20	"	60.0-140	92.0	25.0	4.67	
Surrogate: a,a,a-Trifluorotoluene	"	10.0		10.3	"	60.0-140	103			





Blaine Tech Services (Shell) 1680 Rogers Avenue San Jose, CA 95112	Project: Equiva Project Number: 1285 Bancroft Project Manager: Leah Davis	Sampled: 1/7/00 Received: 1/10/00 Reported: 1/21/00
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**MTBE Confirmation by EPA Method 8260A/Quality Control
Sequoia Analytical - Sacramento**

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Batch: 0010151			Date Prepared: 1/18/00			Extraction Method: EPA 5030B (P/T)				
Blank			0010151-BLK1							
Methyl tert-butyl ether	1/18/00			ND	ug/l	2.00				
Surrogate: 1,2-DCA-d4	"	50.0		65.2	"	60.0-140	130			
LCS			0010151-BS1							
Methyl tert-butyl ether	1/18/00	50.0		52.4	ug/l	70.0-130	105			
Surrogate: 1,2-DCA-d4	"	50.0		66.0	"	60.0-140	132			
LCS Dup			0010151-BSD1							
Methyl tert-butyl ether	1/18/00	50.0		53.8	ug/l	70.0-130	108	25.0	2.82	
Surrogate: 1,2-DCA-d4	"	50.0		58.0	"	60.0-140	116			



WELL GAUGING DATA

Project # 00007FZ Date 1-7-00 Client Equiva

Site 285 RANOCROFT AVE. San Leandro 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					38.17	59.04	TOC
MW-2	4					38.14	58.97	
MW-3	4					38.87	57.89	
MW-4	4					39.35	54.63	
MW-5	4					38.40	49.95	
MW-6	2					37.03	50.05	
MW-7	2					37.87	50.25	
MW-8	2							
MW-1	?							

EQUIVA WELL MONITORING DATA SHEET

Project #: <u>000107 F2</u>	Job #: <u>204-6825-0703</u>
Sampler: <u>MIKE S.</u>	Date: <u>1-7-00</u>
Well I.D.: <u>MW-1</u>	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: <u>59.04</u>	Depth to Water: <u>38.17</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>(PVC)</u> 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: _____

<u>3.5</u>	x	<u>3</u>	=	<u>40.6</u>	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
1000	61.3	7.1	598	40	14	000107/
1002	61.4	7.1	600	45	28	
1004	61.7	7.1	610	47	41	

Did well dewater? Yes No Gallons actually evacuated: 41

Sampling Time: 1010 Sampling Date: 1-7-00

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

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

Project #: <u>000107 FZ</u>	Job # <u>204-6852-0703</u>
Sampler: <u>MILKE S.</u>	Date: <u>1-7-00</u>
Well I.D.: <u>MW-2</u>	Well Diameter: 2 3 <u>(4)</u> 6 8
Total Well Depth: <u>58.97</u>	Depth to Water: <u>38.14</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): <u>YSI</u> HACH

Well Diameter	Multiplier	Well Diameter	Multiplier
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: _____

<u>13.5</u>	x	<u>3</u>	=	<u>40.5</u>	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
1027	61.6	6.6	620	90	14	
1029	62.5	6.7	622	110	28	
1031	62.7	6.7	625	110	41	

Did well dewater? Yes No Gallons actually evacuated: 41

Sampling Time: 1034 Sampling Date: 1-7-00

Sample I.D.: MW-2 Laboratory: Sequoia BC Other _____

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

D.O. (if req'd):	<u>Pre-purge:</u>	<u>1.4</u> mg/L	<u>Post-purge:</u>	<u>.1.8</u> mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

EQUIVA WELL MONITORING DATA SHEET

Project #: <u>000107 FZ</u>	Job # <u>204-6052-0703</u>
Sampler: <u>MIKE S.</u>	Date: <u>1-7-00</u>
Well I.D.: <u>MW-3</u>	Well Diameter: 2 3 <u>4</u> 6 8 <u> </u>
Total Well Depth: <u>57.89</u>	Depth to Water: <u>38.87</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): <u>YSI</u> HACH

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

Purge Method: Bailer Sampling Method: Bailer
 Middleburg Extraction Port
 Electric Submersible Other: _____
 Extraction Pump

Other: _____

<u>12.3</u>	x	<u>3</u>	=	<u>37.0</u>	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
<u>109</u>	<u>62.5</u>	<u>6.6</u>	<u>560</u>	<u>40</u>	<u>13</u>	
108 <u>111</u>	<u>62.9</u>	<u>6.6</u>	<u>565</u>	<u>40</u>	<u>26</u>	
<u>113</u>	<u>62.4</u>	<u>6.7</u>	<u>565</u>	<u>35</u>	<u>37</u>	

Did well dewater? Yes No Gallons actually evacuated: 37

Sampling Time: 1116 Sampling Date: 1-7-00

Sample I.D.: MW-3 Laboratory: Sequoia BC Other _____

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

D.O. (if req'd):	<u>Pre-purge:</u>	<u>3.2</u> mg/L	Post-purge:	<u>26</u> mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

EQUIVA WELL MONITORING DATA SHEET

Project #: <u>000107 F2</u>	Job # <u>204-6852-0703</u>
Sampler: <u>MIKE S.</u>	Date: <u>1-7-00</u>
Well I.D.: <u>MW-4</u>	Well Diameter: 2 3 <u>(4)</u> 6 8
Total Well Depth: <u>54.63</u>	Depth to Water: <u>39.35</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>(PVC)</u> Grade	D.O. Meter (if req'd): <u>(YSI)</u> HACH

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

Purge Method: Bailer Sampling Method: X Bailer
Middleburg Extraction Port
Electric Submersible Other: _____
Extraction Pump
 Other: _____

<u>9.9</u>	x	<u>3</u>	=	<u>29.7</u>	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
<u>1047</u>	<u>64.9</u>	<u>7.1</u>	<u>625</u>	<u>49</u>	<u>10</u>	
<u>1049</u>	<u>65.3</u>	<u>7.1</u>	<u>649</u>	<u>53</u>	<u>20</u>	
<u>1051</u>	<u>65.7</u>	<u>7.1</u>	<u>645</u>	<u>57</u>	<u>30</u>	

Did well dewater? Yes No Gallons actually evacuated: 30

Sampling Time: 1055 Sampling Date: 1-7-00

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

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

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

EQUIVA WELL MONITORING DATA SHEET

Project #: <u>000107 F2</u>	Job # <u>204-6852-0703</u>
Sampler: <u>MAKE S.</u>	Date: <u>1-7-00</u>
Well I.D.: <u>MW-5</u>	Well Diameter: 2 3 <u>(4)</u> 6 8
Total Well Depth: <u>49.95</u>	Depth to Water: <u>38.40</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>(PVC)</u> Grade	D.O. Meter (if req'd): <u>(YSI)</u> HACH

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

Purge Method: Bailer Sampling Method: Bailer
 Middleburg Extraction Port
 Electric Submersible Other: _____
 Extraction Pump

Other: _____

<u>7.5</u>	X	<u>3</u>	=	<u>22.5</u>	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
1150	60.7	7.0	432	7200	8	ODOR/TURBID
1151	60.6	7.1	438	7200	16	
1152	60.4	7.1	437	7200	23	↓

Did well dewater? Yes No Gallons actually evacuated: 23

Sampling Time: 1156 Sampling Date: 1-7-00

Sample I.D.: MW-5 Laboratory: (Sequoia) BC Other _____

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

D.O. (if req'd):	Pre-purge:	<u>1.6</u> mg/L	Post-purge:	<u>1.2</u> mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

EQUIVA WELL MONITORING DATA SHEET

Project #: 000107 F2	Job # 204-6852-0703
Sampler: MIKE S.	Date: 1-7-00
Well I.D.: MW-6	Well Diameter: (2) 3 4 6 8
Total Well Depth: 50.05	Depth to Water: 37.03
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): (YSI) HACH

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

Purge Method: Bailor Middleburg Electric Submersible Extraction Pump
 Other: _____

Sampling Method: Bailor Extraction Port
 Other: _____

2.0	x	3	=	60	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
1127	64.1	6.7	840	113	2	Dark grey/
1129	64.7	6.6	846	127	4	000R
1134	64.7	6.7	839	119	6	

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Gallons actually evacuated: 6
Sampling Time: 1136	Sampling Date: 1-7-00
Sample I.D.: MW-6	Laboratory: (Sequoia) BC Other _____
Analyzed for: (TPH-G) (BTEX) (MTBE) TPH-D Other:	
D.O. (if req'd):	Pre-purge: 1.2 mg/L Post-purge: 1.4 mg/L
O.R.P. (if req'd):	Pre-purge: mV Post-purge: mV

EQUIVA WELL MONITORING DATA SHEET

Project #: <u>000107 FZ</u>	Job # <u>204-6852-0703</u>
Sampler: <u>MIKE S.</u>	Date: <u>1-7-00</u>
Well I.D.: <u>MW-7</u>	Well Diameter: <u>(2)</u> 3 4 6 8 <u> </u>
Total Well Depth: <u>50.25</u>	Depth to Water: <u>37.87</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): <u>YSI</u> HACH

Well Diameter	Multiplier	Well Diameter	Multiplier
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: _____

<u>1.9</u>	x	<u>3</u>	=	<u>59</u>	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
<u>926</u>	<u>64.1</u>	<u>6.9</u>	<u>660</u>	<u>>200</u>	<u>2</u>	
<u>928</u>	<u>644</u>	<u>6.9</u>	<u>655</u>	<u>>200</u>	<u>4</u>	
<u>931</u>	<u>644</u>	<u>6.9</u>	<u>655</u>	<u>>200</u>	<u>6</u>	

Did well dewater? Yes No Gallons actually evacuated: 6

Sampling Time: 934 Sampling Date: 1-7-00

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

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

D.O. (if req'd):	Pre-purge:	<u>2.8</u> mg/L	Post-purge:	<u>2.6</u> mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

EQUIVA WELL MONITORING DATA SHEET

Project #: <u>000107 FZ</u>	Job # <u>204-6832-0703</u>
Sampler: <u>MIKE S.</u>	Date: <u>1-7-00</u>
Well I.D.: <u>MW-8</u>	Well Diameter: <u>(2)</u> 3 4 6 8
Total Well Depth: <u>51.43</u>	Depth to Water: <u>37.15</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): <u>(YSI)</u> HACH

Well Diameter	Multiplier	Well Diameter	Multiplier
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: _____

<u>2.2</u>	x	<u>3</u>	=	<u>6.8</u>	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
850	63.1	7.0	670	>200	3	TURBID
853	63.4	6.9	666	>200	5	
856	63.0	6.9	665	>200	7	

Did well dewater? Yes No Gallons actually evacuated: 7

Sampling Time: 900 Sampling Date: 1-7-00

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

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

D.O. (if req'd):	Pre-purge: <u>1.8</u> mg/L	Post-purge: <u>2.0</u> mg/L
O.R.P. (if req'd):	Pre-purge: _____ mV	Post-purge: _____ mV

EQUIVA WELL MONITORING DATA SHEET

Project #: <u>000107 FZ</u>	Job # <u>204-6852-0703</u>
Sampler: <u>MIKE S.</u>	Date: <u>1-7-00</u>
Well I.D.: <u>1W-1</u>	Well Diameter: 2 3 4 6 8 <u>?</u>
Total Well Depth: <u>7100</u>	Depth to Water: <u>33.41</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): <u>YSI</u> <u>HACH</u>

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: _____

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

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
						<u>: Let Run for 15 min Before taking a sample:</u>
					<u>5min. 32.37</u>	<u>DTW.</u>
					<u>10min. 32.19</u>	
					<u>15min 32.24</u>	↓
<u>1223</u>						

Did well dewater? Yes No Gallons actually evacuated: 2

Sampling Time: 1225 Sampling Date: 1-7-00

Sample I.D.: 1W-1 Laboratory: Séquoia BC Other: _____

Analyzed for: TPH-C 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