CAMBRIA

November 2, 2000

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

Re: **Third Quarter 2000 Monitoring Report**
Shell-branded Service Station
1784 150th Avenue
San Leandro, California
Incident #98996068
Cambria Project #242-0612-002

Dear Mr. Seery:

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

THIRD QUARTER 2000 ACTIVITIES

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

No SPH were found this quarter, and have not been detected in any of the four wells since March, 1997. In addition to the usual gasoline constituents, all wells were analyzed for volatile organic compounds (VOCs) by EPA Method 8010B. No VOCs were found this quarter, except 34.8 parts per billion (ppb) 1,2-dichloroethane (1,2-DCA) in well MW-1, 53.8 ppb 1,2-DCA in well MW-2, and 12.3 ppb 1,2-DCA in well MW-3.

ANTICIPATED FOURTH QUARTER 2000 ACTIVITIES

Groundwater Monitoring: Blaine will check for and remove any detected SPH, gauge all wells, sample MW-1, MW-2, and MW-3, and tabulate the data. Cambria will prepare a monitoring report.

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 Stephan Bork at (510) 420-3344 if you have any questions or comments.

Sincerely,
Cambria Environmental Technology, Inc

Anni Kreml
Senior Staff Scientist

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

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

Figure: 1 - Groundwater Elevation Contour Map

Attachment: A - Blaine Groundwater Monitoring Report and Field Notes

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

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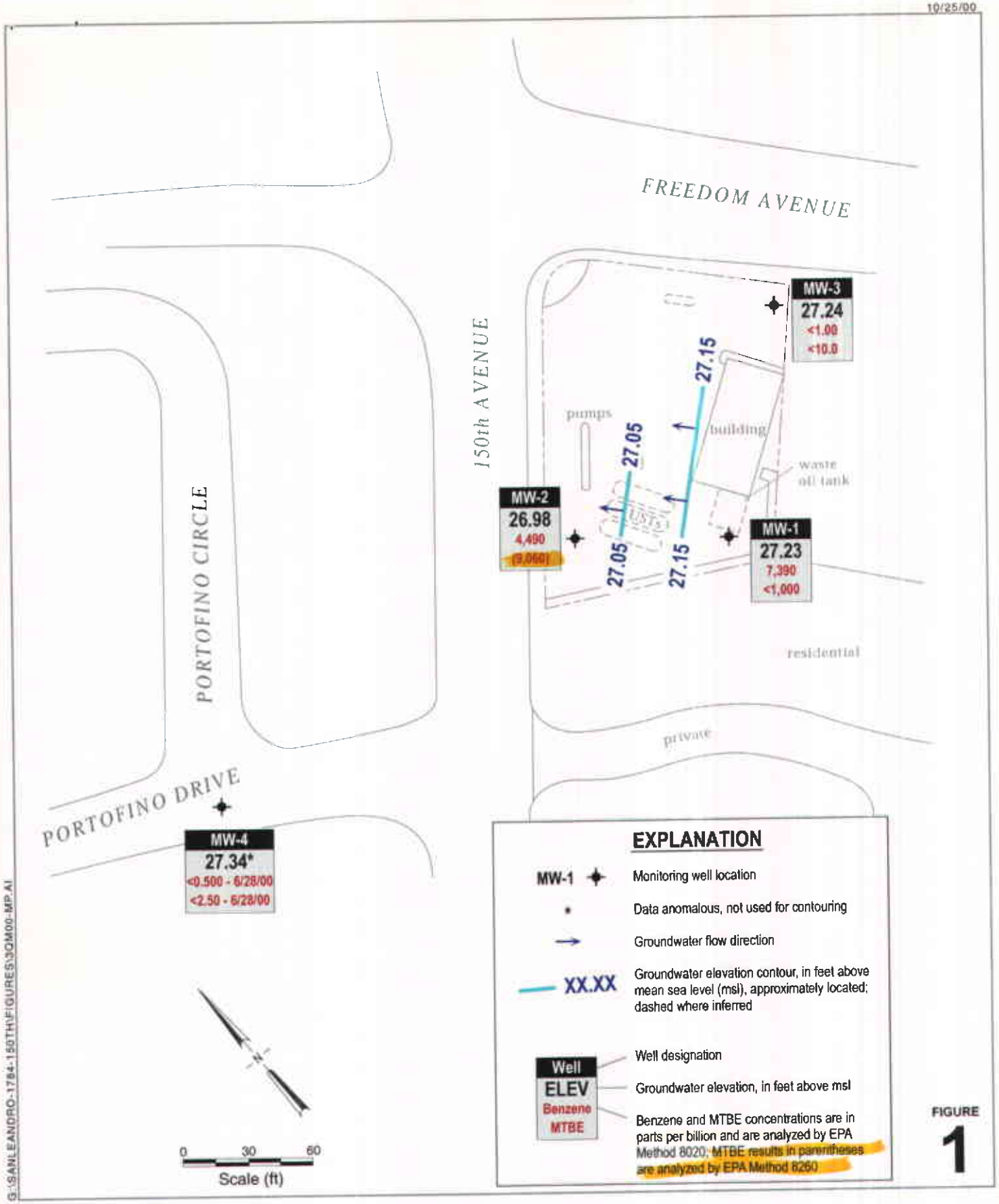

G:\SANLEANDRO-1784-150TH\FIGURES\3QM00-MP.AI

FIGURE
1

Shell-branded Service Station
1784 150th Avenue
San Leandro, California
Incident #98996068

CAMBRIA

Groundwater Elevation Contour Map

September 6, 2000

ATTACHMENT A

Blaine Groundwater Monitoring Report and Field Notes

BLAINE
TECH SERVICES INC.

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

October 13, 2000

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

Third Quarter 2000 Groundwater Monitoring at
Shell-branded Service Station
1784 150th Avenue
San Leandro, CA

Monitoring performed on September 6, 2000

Groundwater Monitoring Report **000906-S-2**

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

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

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

Blaine Tech Services, Inc. conducts sampling and documentation assignments of this type as an independent third party. In order to avoid compromising the objectivity necessary for the proper and disinterested performance of this work, Blaine Tech Services, Inc. concentrates on objective data collection and does not participate in the interpretation of analytical results, the definition of geological or hydrological conditions, the formulation of recommendations, or the marketing of remedial systems.

Please call if you have any questions.

Yours truly,

Deidre Kerwin
Operations Manager

DK/jt

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

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

WELL CONCENTRATIONS
Shell-branded Service Station
1784 150th Avenue
San Leandro, CA
Wic #204-6852-1404

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)	SPH Thickness (ft.)	DO Reading (ppm)
MW-1	03/08/1990	510	120	1.5	0.8	<0.5	5.4	NA	NA	49.13	25.29	23.84	NA	NA
MW-1	06/12/1990	390	100	86	1.3	0.7	6.2	NA	NA	49.13	25.85	23.28	NA	NA
MW-1	09/13/1990	100	130	56	0.75	2.4	2.8	NA	NA	49.13	27.49	21.64	NA	NA
MW-1	12/18/1990	480	<50	54	1.7	3.3	3.7	NA	NA	49.13	27.41	21.72	NA	NA
MW-1	03/07/1991	80	<50	266	<0.5	1.2	<1.5	NA	NA	49.13	25.79	23.34	NA	NA
MW-1	06/07/1991	510	<50	130	3.8	6.1	11	NA	NA	49.13	25.64	23.49	NA	NA
MW-1	09/17/1991	330	120a	67	<0.5	3.0	2.2	NA	NA	49.13	27.54	21.59	NA	NA
MW-1	12/09/1991	140a	80	<0.5	<0.5	1.7	4.7	NA	NA	49.13	27.81	21.32	NA	NA
MW-1	02/13/1992	NA	NA	NA	NA	NA	NA	NA	NA	49.13	25.57	23.56	NA	NA
MW-1	02/24/1992	NA	NA	NA	NA	NA	NA	NA	NA	49.13	22.83	26.30	NA	NA
MW-1	02/27/1992	NA	NA	NA	NA	NA	NA	NA	NA	49.13	23.09	26.04	NA	NA
MW-1	03/01/1992	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	49.13	23.26	25.87	NA	NA
MW-1	06/03/1992	1,500	NA	520	180	72	230	NA	NA	49.13	24.64	24.49	NA	NA
MW-1	09/01/1992	130	NA	16	1.4	1.8	3.4	NA	NA	49.13	26.74	22.39	NA	NA
MW-1	10/06/1992	NA	NA	NA	NA	NA	NA	NA	NA	49.13	27.18	21.95	NA	NA
MW-1	11/11/1992	NA	NA	NA	NA	NA	NA	NA	NA	49.13	27.99	21.14	NA	NA
MW-1	12/04/1992	150	NA	360	0.7	1.8	2.1	NA	NA	49.13	27.14	21.99	NA	NA
MW-1	01/22/1993	NA	NA	NA	NA	NA	NA	NA	NA	49.13	20.09	29.04	NA	NA
MW-1	02/10/1993	NA	NA	NA	NA	NA	NA	NA	NA	49.13	24.26	24.87	NA	NA
MW-1	03/03/1993	<50	NA	1.5	<0.5	<0.5	<0.5	NA	NA	49.13	20.50	28.63	NA	NA
MW-1	05/11/1993	NA	NA	NA	NA	NA	NA	NA	NA	49.13	21.70	27.43	NA	NA
MW-1	06/17/1993	1,600	NA	340	120	120	440	NA	NA	49.13	22.42	26.71	NA	NA
MW-1	09/10/1993	2,600	NA	670	340	310	730	NA	NA	49.13	24.11	25.02	NA	NA
MW-1	12/13/1993	11,000	NA	470	320	380	2,300	NA	NA	49.13	23.73	25.40	NA	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)	SPH Thickness (ft.)	DO Reading (ppm)
MW-1	03/03/1994	16,000	NA	700	690	480	3,200	NA	NA	49.13	22.08	27.05	NA	NA
MW-1	06/06/1994	7,500	NA	420	280	200	1,000	NA	NA	49.13	23.10	26.03	NA	NA
MW-1	09/12/1994	1,200	NA	110	21	3.3	420	NA	NA	49.13	25.19	23.94	NA	NA
MW-1	12/19/1994	4,600	NA	470	330	230	1,300	NA	NA	49.13	23.06	26.07	NA	NA
MW-1	02/28/1995	500	NA	59	32	6.8	68	NA	NA	49.13	20.90	28.23	NA	NA
MW-1	03/24/1995	NA	NA	NA	NA	NA	NA	NA	NA	49.13	18.28	30.85	NA	NA
MW-1	06/26/1995	5,500	NA	740	420	300	1,800	NA	NA	49.13	20.40	28.73	NA	NA
MW-1	09/13/1995	84,000	NA	1,900	2,600	3,000	14,000	NA	NA	49.13	22.62	26.51	NA	NA
MW-1	12/19/1995	80,000	NA	660	350	170	18,000	NA	NA	49.13	22.10	27.03	NA	NA
MW-1	03/07/1996	NA	NA	NA	NA	NA	NA	NA	NA	49.13	18.83	30.34	0.05	NA
MW-1	06/28/1996	270,000	NA	2,800	820	1,000	16,000	<0.5	NA	49.13	21.46	27.67	NA	NA
MW-1 (D)	06/28/1996	790,000	NA	2,200	780	1,000	13,000	15,000	NA	49.13	21.46	27.67	NA	NA
MW-1	09/26/1996	29,000	NA	1,100	260	270	1,900	<1,000	NA	49.13	23.57	25.57	0.01	NA
MW-1	09/26/1996	25,000	NA	1,200	320	240	1,900	<1,000	NA	49.13	NA	NA	NA	NA
MW-1	12/10/1996	13,000	NA	510	240	230	1,200	100	NA	49.13	21.43	27.70	NA	1.0
MW-1 (D)	12/10/1996	8,400	NA	420	130	140	680	81	NA	49.13	21.43	27.70	NA	1.0
MW-1	03/10/1997	4,200	NA	13	8.8	16	74	<12	NA	49.13	20.08	29.05	NA	2.0
MW-1 (D)	03/10/1997	5,100	NA	12	8.9	17	79	<25	NA	49.13	20.08	29.05	NA	2.0
MW-1	06/30/1997	5,700	NA	320	120	140	700	47	NA	49.13	21.68	27.45	NA	1.6
MW-1 (D)	06/30/1997	5,300	NA	300	95	120	580	45	NA	49.13	21.68	27.45	NA	1.6
MW-1	09/12/1997	6,300	NA	120	26	82	260	30	NA	49.13	21.78	27.35	NA	2.1
MW-1 b	12/18/1997	NA	NA	NA	NA	NA	NA	NA	NA	49.13	20.78	28.35	NA	1.3
MW-1	02/02/1998	84	NA	5.1	<0.50	<0.50	2.1	2.5	NA	49.13	19.65	29.48	NA	2.0
MW-1	06/24/1998	13,000	NA	3,000	260	410	1,400	<250	NA	49.13	19.65	29.48	NA	2.5
MW-1 (D)	06/24/1998	12,000	NA	3,800	250	47	1,400	710	NA	49.13	19.65	29.48	NA	2.5

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MW-1	08/26/1998	3,100	NA	1,200	27	170	50	88	NA	49.13	20.49	28.64	NA	2.1
MW-1	12/23/1998	45,000	NA	5,300	220	1,000	3,600	970	NA	49.13	21.22	27.91	NA	3.8
MW-1	03/01/1999	22,300	NA	2,540	436	753	3,370	<400	NA	49.13	19.27	29.86	NA	1.8
MW-1	06/14/1999	18,800	NA	6,820	210	436	958	1,360	NA	49.13	20.80	28.33	NA	2.2
MW-1	09/28/1999	21,500	NA	7,470	281	467	927	1,800	NA	49.13	22.55	26.58	NA	2.0
MW-1	12/08/1999	22,300	NA	6,140	135	256	367	232	NA	49.13	23.12	26.01	NA	2.1
MW-1	03/14/2000	6,690	NA	1,880	63.5	134	307	460	NA	49.13	18.87	30.26	NA	2.3
MW-1	06/28/2000	8,080	NA	2,690	85.1	149	514	701	NA	49.13	21.12	28.01	NA	2.4
MW-1	**09/06/2000**	**17,800**	**NA**	**7,390**	**212**	**329**	**1,270**	**<1,000**	**NA**	**49.13**	**21.90**	**27.23**	**NA**	**3.0**
MW-2	02/13/1992	NA	NA	NA	NA	NA	NA	NA	NA	45.63	22.22	23.61	NA	NA
MW-2	02/24/1992	17,000	2,700a	6,200	1,600	550	1,900	NA	NA	45.63	19.61	26.22	NA	NA
MW-2	02/27/1992	NA	NA	NA	NA	NA	NA	NA	NA	45.63	19.92	25.91	NA	NA
MW-2	03/01/1992	86,000	1,000a	30,000	34,000	2,300	16,000	NA	NA	45.63	21.11	24.72	NA	NA
MW-2	06/03/1992	87,000	NA	28,000	18,000	2,000	10,000	NA	NA	45.63	21.58	24.25	NA	NA
MW-2	09/01/1992	110,000	NA	21,000	13,000	1,900	7,800	NA	NA	45.63	23.46	22.37	NA	NA
MW-2	10/06/1992	NA	NA	NA	NA	NA	NA	NA	NA	45.63	23.99	21.84	NA	NA
MW-2	11/11/1992	NA	NA	NA	NA	NA	NA	NA	NA	45.63	24.25	21.58	NA	NA
MW-2	12/04/1992	42,000	NA	15,000	2,400	960	2,900	NA	NA	45.63	23.89	21.94	NA	NA
MW-2	01/22/1993	NA	NA	NA	NA	NA	NA	NA	NA	45.63	17.03	28.80	NA	NA
MW-2	02/10/1993	NA	NA	NA	NA	NA	NA	NA	NA	45.63	18.08	27.75	NA	NA
MW-2	03/03/1993	160,000	NA	36,000	3,800	32,000	21,000	NA	NA	45.63	17.28	28.55	NA	NA
MW-2 (D)	03/03/1993	150,000	NA	31,000	3,100	20,000	14,000	NA	NA	45.63	17.28	28.55	NA	NA
MW-2	05/11/1993	NA	NA	NA	NA	NA	NA	NA	NA	45.63	18.41	27.42	NA	NA
MW-2	06/17/1993	65,000	NA	34,000	15,000	3,200	11,000	NA	NA	45.63	19.06	26.77	NA	NA

WELL CONCENTRATIONS
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Wic #204-6852-1404

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)	SPH Thickness (ft.)	DO Reading (ppm)
MW-2 (D)	06/17/1993	62,000	NA	28,000	14,000	2,700	10,000	NA	NA	45.63	19.06	26.77	NA	NA
MW-2	09/10/1993	72,000	NA	24,000	16,000	2,300	11,000	NA	NA	45.63	20.88	24.95	NA	NA
MW-2 (D)	09/10/1993	71,000	NA	23,000	15,000	2,300	10,000	NA	NA	45.63	20.88	24.95	NA	NA
MW-2	12/13/1993	19,000	NA	5,400	4,900	680	3,100	NA	NA	45.63	20.42	25.41	NA	NA
MW-2 (D)	12/13/1993	17,000	NA	6,200	5,500	720	3,500	NA	NA	45.63	20.42	25.41	NA	NA
MW-2	03/03/1994	110,000	NA	21,000	24,000	2,000	13,000	NA	NA	45.63	18.48	27.35	NA	NA
MW-2 (D)	03/03/1994	93,000	NA	19,000	22,000	1,800	12,000	NA	NA	45.63	18.48	27.35	NA	NA
MW-2	06/06/1994	10,000	NA	1,900	3,300	2,500	13,000	NA	NA	45.63	20.26	25.57	NA	NA
MW-2 (D)	06/06/1994	99,000	NA	9,900	12,000	2,400	12,000	NA	NA	45.63	20.26	25.57	NA	NA
MW-2	09/12/1994	160,000	NA	22,000	33,000	3,400	23,000	NA	NA	45.63	21.80	24.03	NA	NA
MW-2 (D)	09/12/1994	150,000	NA	23,000	34,000	3,500	23,000	NA	NA	45.63	21.80	24.03	NA	NA
MW-2	12/19/1994	80,000	NA	17,000	16,000	2,300	14,000	NA	NA	45.63	19.66	26.17	NA	NA
MW-2 (D)	12/19/1994	100,000	NA	28,000	26,000	3,400	20,000	NA	NA	45.63	19.66	26.17	NA	NA
MW-2	02/28/1995	100,000	NA	24,000	18,000	2,300	17,000	NA	NA	45.63	17.51	28.32	NA	NA
MW-2 (D)	02/28/1995	100,000	NA	31,000	21,000	3,200	18,000	NA	NA	45.63	17.51	28.32	NA	NA
MW-2	03/24/1995	NA	NA	NA	NA	NA	NA	NA	NA	45.63	14.88	30.95	NA	NA
MW-2	06/26/1995	45,000	NA	14,000	12,000	1,500	7,500	NA	NA	45.63	17.58	28.25	NA	NA
MW-2 (D)	06/26/1995	68,000	NA	13,000	11,000	1,800	7,700	NA	NA	45.63	17.58	28.25	NA	NA
MW-2	09/13/1995	110,000	NA	19,000	19,000	2,800	15,000	NA	NA	45.63	19.28	26.55	NA	NA
MW-2 (D)	09/13/1995	120,000	NA	20,000	20,000	2,900	15,000	NA	NA	45.63	19.28	26.55	NA	NA
MW-2	12/19/1995	180,000	NA	18,000	29,000	4,100	24,000	NA	NA	45.63	18.61	27.22	NA	NA
MW-2 (D)	12/19/1995	160,000	NA	18,000	28,000	3,800	24,000	NA	NA	45.63	18.61	27.22	NA	NA
MW-2	03/06/1996	120,000	NA	28,000	15,000	3,900	17,000	NA	NA	45.63	15.41	30.42	NA	NA
MW-2	06/28/1996	96,000	NA	20,000	20,000	4,100	22,000	2,400	NA	45.63	17.84	27.99	NA	NA
MW-2	09/26/1996	87,000	NA	7,600	11,000	2,500	15,000	990	840	45.63	19.60	26.23	NA	NA

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MW-2	12/10/1996	NA	NA	NA	NA	NA	NA	NA	NA	45.63	18.15	27.48	0.25	NA
MW-2	03/10/1997	NA	NA	NA	NA	NA	NA	NA	NA	45.63	17.02	28.77	0.20	NA
MW-2	06/30/1997	57,000	NA	3,600	4,600	1,300	9,700	2,300	NA	45.63	19.42	26.21	NA	2.4
MW-2	09/12/1997	88,000	NA	7,800	8,800	2,600	16,000	3,200	NA	45.63	19.40	26.23	NA	1.7
MW-2 (D)	09/12/1997	90,000	NA	8,300	9,400	2,700	17,000	3,400	NA	45.63	19.40	26.23	NA	1.7
MW-2 b	12/18/1997	NA	NA	NA	NA	NA	NA	NA	NA	45.63	17.56	28.07	NA	1.3
MW-2	02/02/1998	<50	NA	0.6	1.9	0.93	6.0	9.3	NA	45.63	18.14	27.49	NA	2
MW-2 (D)	02/02/1998	56	NA	1.0	2.8	1.4	9.3	13	NA	45.63	18.14	27.49	NA	2
MW-2	06/24/1998	20,000	NA	<200	620	560	4,500	<1,000	NA	45.63	16.08	29.55	NA	2.4
MW-2	08/26/1998	22,000	NA	380	1,100	560	4,400	330	NA	45.63	19.25	26.38	NA	NA
MW-2 (D)	08/26/1998	11,000	NA	180	130	290	500	1,400	NA	45.63	19.25	26.38	NA	NA
MW-2	12/23/1998	100,000	NA	4,100	6,500	2,400	16,000	<500	NA	45.63	18.29	27.34	NA	3.8
MW-2	03/01/1999	50,800	NA	3,910	7,480	1,890	13,100	9,620	NA	45.63	22.81	22.82	NA	2.0
MW-2	06/14/1999	4,930	NA	128	270	139	1,040	2,200	2,540*	45.63	18.86	26.77	NA	1.6
MW-2	09/28/1999	16,200	NA	647	1,070	542	4,130	5,320	4,790	45.63	21.41	24.22	NA	1.8
MW-2	12/08/1999	25,700	NA	1,670	2,110	977	6,600	6,190	5,970	45.63	21.89	23.74	NA	1.8
MW-2	03/14/2000	45,100	NA	2,070	4,710	1,920	12,800	16,700	18,300*	45.63	15.57	30.06	NA	2.0
MW-2	06/28/2000	52,100	NA	5,150	4,200	1,880	13,300	15,500	13,500*	45.63	17.79	27.84	NA	1.9
MW-2	**09/06/2000**	**39,500**	**NA**	**4,490**	**3,290**	**2,100**	**14,000**	**18,500**	**9,060***	**45.63**	**18.65**	**26.98**	**NA**	**3.5**
MW-3	02/13/1992	NA	NA	NA	NA	NA	NA	NA	NA	51.97	27.97	24.00	NA	NA
MW-3	02/24/1992	4,500	1,300a	97	<5	78	18	NA	NA	51.97	25.60	26.37	NA	NA
MW-3	02/27/1992	NA	NA	NA	NA	NA	NA	NA	NA	51.97	25.88	26.09	NA	NA
MW-3	03/01/1992	2,200	440	69	<0.5	<0.5	<0.5	NA	NA	51.97	26.00	25.97	NA	NA
MW-3	06/03/1992	4,100	NA	13	72	44	65	NA	NA	51.97	27.70	24.27	NA	NA

WELL CONCENTRATIONS
Shell-branded Service Station
1784 150th Avenue
San Leandro, CA
Wic #204-6852-1404

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)	SPH Thickness (ft.)	DO Reading (ppm)
MW-3	09/01/1992	1,900	NA	20	6.8	5.5	<5	NA	NA	51.97	29.46	22.51	NA	NA
MW-3 (D)	09/01/1992	1,900	NA	21	6.6	3.4	<5	NA	NA	51.97	29.46	22.51	NA	NA
MW-3	10/06/1992	NA	NA	NA	NA	NA	NA	NA	NA	51.97	30.01	21.96	NA	NA
MW-3	11/11/1992	NA	NA	NA	NA	NA	NA	NA	NA	51.97	30.26	21.71	NA	NA
MW-3	12/04/1992	2,400	NA	8.2	<5	<5	<5	NA	NA	51.97	29.93	22.04	NA	NA
MW-3 (D)	12/04/1992	2,100	NA	11	<0.5	5.7	<0.5	NA	NA	51.97	29.93	22.04	NA	NA
MW-3	01/22/1993	NA	NA	NA	NA	NA	NA	NA	NA	51.97	22.76	29.21	NA	NA
MW-3	02/10/1993	NA	NA	NA	NA	NA	NA	NA	NA	51.97	21.40	30.57	NA	NA
MW-3	03/03/1993	5,100	NA	63	61	75	150	NA	NA	51.97	23.08	28.89	NA	NA
MW-3	05/11/1993	NA	NA	NA	NA	NA	NA	NA	NA	51.97	24.51	27.46	NA	NA
MW-3	06/17/1993	4,000	NA	94	140	82	150	NA	NA	51.97	25.21	26.76	NA	NA
MW-3	09/10/1993	3,200	NA	140	12.5	12.5	12.5	NA	NA	51.97	26.95	25.02	NA	NA
MW-3	12/13/1993	6,200	NA	<12.5	<12.5	<12.5	<12.5	NA	NA	51.97	26.52	25.45	NA	NA
MW-3	03/03/1994	4,500	NA	73	<5	<5	<5	NA	NA	51.97	24.50	27.47	NA	NA
MW-3	06/06/1994	3,200	NA	<0.5	<0.5	3.1	<0.5	NA	NA	51.97	26.33	25.64	NA	NA
MW-3	09/12/1994	3,900	NA	<0.5	<0.5	9.6	4.1	NA	NA	51.97	27.98	23.99	NA	NA
MW-3	12/19/1994	2,400	NA	21	22	4.2	2.6	NA	NA	51.97	25.63	26.34	NA	NA
MW-3	02/28/1995	4,000	NA	58	<0.5	7.1	3.5	NA	NA	51.97	23.45	28.52	NA	NA
MW-3	03/24/1995	NA	NA	NA	NA	NA	NA	NA	NA	51.97	21.07	30.90	NA	NA
MW-3	06/26/1995	3,900	NA	8.1	<0.5	12	2.4	NA	NA	51.97	23.64	28.33	NA	NA
MW-3	09/13/1995	4,100	NA	58	5.5	5.5	<0.5	NA	NA	51.97	25.40	26.57	NA	NA
MW-3	12/19/1995	3,600	NA	<0.5	4.3	2.1	1.1	NA	NA	51.97	24.53	27.44	NA	NA
MW-3	03/07/1996	NA	NA	NA	NA	NA	NA	NA	NA	51.97	21.59	30.41	0.04	NA
MW-3	06/28/1996	2,400	NA	55	<0.5	<0.5	11	120	NA	51.97	23.95	28.02	NA	NA
MW-3	09/26/1996	2,500	NA	<5.0	<5.0	<5.0	<5.0	160	NA	51.97	25.89	26.08	NA	NA

WELL CONCENTRATIONS
Shell-branded Service Station
1784 150th Avenue
San Leandro, CA
Wic #204-6852-1404

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)	SPH Thickness (ft.)	DO Reading (ppm)
MW-3	12/10/1996	1,600	NA	28	4.2	<2.0	3.9	110	NA	51.97	24.22	27.75	NA	0.8
MW-3	03/10/1997	130	NA	<0.50	<0.50	<0.50	1.4	4.2	NA	51.97	23.05	28.92	NA	2.8
MW-3	06/30/1997	1,200	NA	21	2.3	<2.0	<2.0	69	NA	51.97	24.34	27.63	NA	2.3
MW-3	09/12/1997	440	NA	8.3	0.82	<0.50	1.9	3.4	NA	51.97	24.47	27.50	NA	1.9
MW-3 b	12/18/1997	NA	NA	NA	NA	NA	NA	NA	NA	51.97	23.54	28.43	NA	0.8
MW-3	02/02/1998	400	NA	9.3	0.68	<0.50	<0.50	9	NA	51.97	21.92	30.05	NA	1.5
MW-3	06/24/1998	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	51.97	22.35	29.62	NA	1.9
MW-3	08/26/1998	140	NA	7.4	<0.50	<0.50	2.5	13	NA	51.97	23.45	28.52	NA	1.3
MW-3	12/23/1998	1,200	NA	50	<2.0	<2.0	<2.0	69	NA	51.97	24.01	27.96	NA	4.2
MW-3	03/01/1999	2,550	NA	<0.500	<0.500	<0.500	0.658	32.4	NA	51.97	22.08	29.89	NA	2.0
MW-3	06/14/1999	514	NA	18.1	0.728	<0.500	<0.500	15.9	NA	51.97	23.15	28.82	NA	1.7
MW-3	09/28/1999	1,180	NA	<1.00	<1.00	<1.00	<1.00	<10.0	NA	51.97	25.36	26.61	NA	1.2
MW-3	12/08/1999	1,740	NA	71.5	23.0	24.2	61.3	103	NA	51.97	25.75	26.22	NA	2.0
MW-3	03/14/2000	1,410	NA	5.63	35.6	<5.00	8.41	38.7	NA	51.97	21.64	30.33	NA	2.1
MW-3	06/28/2000	2,460	NA	<5.00	9.48	<5.00	28.4	64.0	NA	51.97	23.84	28.13	NA	2.87
MW-3	**09/06/2000**	**887**	**NA**	**<1.00**	**<1.00**	**<1.00**	**<1.00**	**<10.0**	**NA**	**51.97**	**24.73**	**27.24**	**NA**	**2.0**
MW-4	03/24/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	40.51	9.16	31.35	NA	NA
MW-4	06/26/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	40.51	12.06	28.45	NA	NA
MW-4	09/13/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	40.51	13.90	26.61	NA	NA
MW-4	12/19/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	40.51	12.90	27.61	NA	NA
MW-4	03/06/1996	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	40.51	9.63	30.88	NA	NA
MW-4	06/28/1996	40	NA	<0.5	0.59	0.97	3.8	26	NA	40.51	12.30	28.21	NA	NA
MW-4	09/26/1996	<50	NA	<0.5	<0.5	<0.5	<0.5	<2.5	NA	40.51	14.12	26.39	NA	NA
MW-4	12/10/1996	<50	NA	<0.5	<0.5	<0.5	<0.5	<2.5	NA	40.51	12.31	28.20	NA	1.2

WELL CONCENTRATIONS
Shell-branded Service Station
1784 150th Avenue
San Leandro, CA
Wic #204-6852-1404

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)	SPH Thickness (ft.)	DO Reading (ppm)
MW-4	03/10/1997	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	40.51	11.34	29.17	NA	NA
MW-4	06/30/1997	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	40.51	13.80	26.71	NA	1.9
MW-4	09/12/1997	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	40.51	13.99	26.52	NA	1.7
MW-4 b	12/18/1997	NA	NA	NA	NA	NA	NA	NA	NA	40.51	12.02	28.49	NA	1.8
MW-4	02/02/1998	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	40.51	11.23	29.28	NA	1
MW-4	06/24/1998	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	40.51	10.58	29.93	NA	1.9
MW-4	08/26/1998	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	40.51	11.75	28.76	NA	1.2
MW-4	12/23/1998	<50	NA	0.60	<0.50	<0.50	<0.50	<2.5	NA	40.51	12.41	28.10	NA	4.2
MW-4	03/01/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.00	NA	40.51	10.38	30.13	NA	2.1
MW-4	06/14/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	40.51	11.91	28.60	NA	2.4
MW-4	09/28/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<5.00	NA	40.51	10.19	30.32	NA	2.2
MW-4	12/08/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	40.51	10.67	29.84	NA	1.8
MW-4	03/14/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	40.51	9.95	30.56	NA	2.5
MW-4	06/28/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	40.51	12.22	28.29	NA	0.9
MW-4	**09/06/2000**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**40.51**	**13.17**	**27.34**	**NA**	**3.0**

WELL CONCENTRATIONS
Shell-branded Service Station
1784 150th Avenue
San Leandro, CA
Wic #204-6852-1404

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)	SPH Thickness (ft.)	DO Reading (ppm)

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
ppm = parts per million
msl = Mean sea level
ft = Feet
<n = Below detection limit
D = Duplicate sample
NA = Not applicable

Notes:
a = Chromatogram pattern indicates an unidentified hydrocarbon.
b = Samples not analyzed due to laboratory oversight.
* = Sample analyzed out of EPA recommended hold time.

Sequoia Analytical

885 Jarvis Drive
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October 5, 2000

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

RE: 1784 150th Ave.

Dear Nick Sudano

Enclosed are the results of analyses for sample(s) received by the laboratory on September 7, 2000. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

for Ted Terrasas
Project Manager

CA ELAP Certificate Number 1210

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Blaine Tech Services (Shell)	Project:	1784 150th Ave.	Sampled:	9/6/00
1680 Rogers Avenue	Project Number:	1784 150th Avenue/ San Leandro	Received:	9/7/00
San Jose, CA 95112	Project Manager:	Nick Sudano	Reported:	10/5/00 16:16

ANALYTICAL REPORT FOR SAMPLES:

Sample Description	Laboratory Sample Number	Sample Matrix	Date Sampled
MW-1	MJI0166-01	Water	9/6/00
MW-2	MJI0166-02	Water	9/6/00
MW-3	MJI0166-03	Water	9/6/00

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

for
Ted Terrasas, Project Manager

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Blaine Tech Services (Shell)	Project:	1784 150th Ave.	Sampled: 9/6/00
1680 Rogers Avenue	Project Number:	1784 150th Avenue/ San Leandro	Received: 9/7/00
San Jose, CA 95112	Project Manager:	Nick Sudano	Reported: 10/5/00 16:16

Volatile Organic Compounds by EPA Method 8010B
Sequoia Analytical - Morgan Hill

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
MW-1			**MJI0166-01**				**Water**	
Bromodichloromethane	0I14021	9/14/00	9/19/00	EPA 8010B	1.25	ND	ug/l	
Bromoform	"	"	"	EPA 8010B	1.25	ND	"	
Bromomethane	"	"	"	EPA 8010B	2.50	ND	"	
Carbon tetrachloride	"	"	"	EPA 8010B	1.25	ND	"	
Chlorobenzene	"	"	"	EPA 8010B	1.25	ND	"	
Chloroethane	"	"	"	EPA 8010B	2.50	ND	"	
Chloroform	"	"	"	EPA 8010B	1.25	ND	"	
Chloromethane	"	"	"	EPA 8010B	2.50	ND	"	
Dibromochloromethane	"	"	"	EPA 8010B	1.25	ND	"	
1,3-Dichlorobenzene	"	"	"	EPA 8010B	1.25	ND	"	
1,4-Dichlorobenzene	"	"	"	EPA 8010B	1.25	ND	"	
1,2-Dichlorobenzene	"	"	"	EPA 8010B	1.25	ND	"	
1,1-Dichloroethane	"	"	"	EPA 8010B	1.25	ND	"	
1,2-Dichloroethane	"	"	"	EPA 8010B	1.25	**34.8**	"	
1,1-Dichloroethene	"	"	"	EPA 8010B	1.25	ND	"	
cis-1,2-Dichloroethene	"	"	"	EPA 8010B	1.25	ND	"	
trans-1,2-Dichloroethene	"	"	"	EPA 8010B	1.25	ND	"	
1,2-Dichloropropane	"	"	"	EPA 8010B	1.25	ND	"	
cis-1,3-Dichloropropene	"	"	"	EPA 8010B	1.25	ND	"	
trans-1,3-Dichloropropene	"	"	"	EPA 8010B	1.25	ND	"	
Methylene chloride	"	"	"	EPA 8010B	12.5	ND	"	
1,1,2,2-Tetrachloroethane	"	"	"	EPA 8010B	1.25	ND	"	
Tetrachloroethene	"	"	"	EPA 8010B	1.25	ND	"	
1,1,1-Trichloroethane	"	"	"	EPA 8010B	1.25	ND	"	
1,1,2-Trichloroethane	"	"	"	EPA 8010B	1.25	ND	"	
1,1,2-Trichlorotrifluoroethane	"	"	"	EPA 8010B	2.50	ND	"	
Trichloroethene	"	"	"	EPA 8010B	1.25	ND	"	
Trichlorofluoromethane	"	"	"	EPA 8010B	1.25	ND	"	
Vinyl chloride	"	"	"	EPA 8010B	2.50	ND	"	
1,2-Dibromoethane	"	"	"	EPA 8010B	2.50	ND	"	
Surrogate: 4-Bromofluorobenzene	"	"	"	*70-130*		*115*	*%*	

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Blaine Tech Services (Shell)	Project:	1784 150th Ave.	Sampled: 9/6/00
1680 Rogers Avenue	Project Number:	1784 150th Avenue/ San Leandro	Received: 9/7/00
San Jose, CA 95112	Project Manager:	Nick Sudano	Reported: 10/5/00 16:16

Volatile Organic Compounds by EPA Method 8010B
Sequoia Analytical - Morgan Hill

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
MW-2			**MJI0166-02**				**Water**	
Bromodichloromethane	0I14021	9/14/00	9/19/00	EPA 8010B	2.50	ND	ug/l	
Bromoform	"	"	"	EPA 8010B	2.50	ND	"	
Bromomethane	"	"	"	EPA 8010B	5.00	ND	"	
Carbon tetrachloride	"	"	"	EPA 8010B	2.50	ND	"	
Chlorobenzene	"	"	"	EPA 8010B	2.50	ND	"	
Chloroethane	"	"	"	EPA 8010B	5.00	ND	"	
Chloroform	"	"	"	EPA 8010B	2.50	ND	"	
Chloromethane	"	"	"	EPA 8010B	5.00	ND	"	
Dibromochloromethane	"	"	"	EPA 8010B	2.50	ND	"	
1,3-Dichlorobenzene	"	"	"	EPA 8010B	2.50	ND	"	
1,4-Dichlorobenzene	"	"	"	EPA 8010B	2.50	ND	"	
1,2-Dichlorobenzene	"	"	"	EPA 8010B	2.50	ND	"	
1,1-Dichloroethane	"	"	"	EPA 8010B	2.50	ND	"	
1,2-Dichloroethane	"	"	"	EPA 8010B	2.50	**53.8**	"	
1,1-Dichloroethene	"	"	"	EPA 8010B	2.50	ND	"	
cis-1,2-Dichloroethene	"	"	"	EPA 8010B	2.50	ND	"	
trans-1,2-Dichloroethene	"	"	"	EPA 8010B	2.50	ND	"	
1,2-Dichloropropane	"	"	"	EPA 8010B	2.50	ND	"	
cis-1,3-Dichloropropene	"	"	"	EPA 8010B	2.50	ND	"	
trans-1,3-Dichloropropene	"	"	"	EPA 8010B	2.50	ND	"	
Methylene chloride	"	"	"	EPA 8010B	25.0	ND	"	
1,1,2,2-Tetrachloroethane	"	"	"	EPA 8010B	2.50	ND	"	
Tetrachloroethene	"	"	"	EPA 8010B	2.50	ND	"	
1,1,1-Trichloroethane	"	"	"	EPA 8010B	2.50	ND	"	
1,1,2-Trichloroethane	"	"	"	EPA 8010B	2.50	ND	"	
1,1,2-Trichlorotrifluoroethane	"	"	"	EPA 8010B	5.00	ND	"	
Trichloroethene	"	"	"	EPA 8010B	2.50	ND	"	
Trichlorofluoromethane	"	"	"	EPA 8010B	2.50	ND	"	
Vinyl chloride	"	"	"	EPA 8010B	5.00	ND	"	
1,2-Dibromoethane	"	"	"	EPA 8010B	5.00	ND	"	
Surrogate: 4-Bromofluorobenzene	"	"	"	*70-130*		*104*	*%*	

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Blaine Tech Services (Shell)	Project:	1784 150th Ave.	Sampled: 9/6/00
1680 Rogers Avenue	Project Number:	1784 150th Avenue/ San Leandro	Received: 9/7/00
San Jose, CA 95112	Project Manager:	Nick Sudano	Reported: 10/5/00 16:16

Volatile Organic Compounds by EPA Method 8010B
Sequoia Analytical - Morgan Hill

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
MW-3			**MJI0166-03**				**Water**	
Bromodichloromethane	0114021	9/14/00	9/19/00	EPA 8010B	0.500	ND	ug/l	
Bromoform	"	"	"	EPA 8010B	0.500	ND	"	
Bromomethane	"	"	"	EPA 8010B	1.00	ND	"	
Carbon tetrachloride	"	"	"	EPA 8010B	0.500	ND	"	
Chlorobenzene	"	"	"	EPA 8010B	0.500	ND	"	
Chloroethane	"	"	"	EPA 8010B	1.00	ND	"	
Chloroform	"	"	"	EPA 8010B	0.500	ND	"	
Chloromethane	"	"	"	EPA 8010B	1.00	ND	"	
Dibromochloromethane	"	"	"	EPA 8010B	0.500	ND	"	
1,3-Dichlorobenzene	"	"	"	EPA 8010B	0.500	ND	"	
1,4-Dichlorobenzene	"	"	"	EPA 8010B	0.500	ND	"	
1,2-Dichlorobenzene	"	"	"	EPA 8010B	0.500	ND	"	
1,1-Dichloroethane	"	"	"	EPA 8010B	0.500	ND	"	
1,2-Dichloroethane	"	"	"	EPA 8010B	0.500	**12.3**	"	
1,1-Dichloroethene	"	"	"	EPA 8010B	0.500	ND	"	
cis-1,2-Dichloroethene	"	"	"	EPA 8010B	0.500	ND	"	
trans-1,2-Dichloroethene	"	"	"	EPA 8010B	0.500	ND	"	
1,2-Dichloropropane	"	"	"	EPA 8010B	0.500	ND	"	
cis-1,3-Dichloropropene	"	"	"	EPA 8010B	0.500	ND	"	
trans-1,3-Dichloropropene	"	"	"	EPA 8010B	0.500	ND	"	
Methylene chloride	"	"	"	EPA 8010B	5.00	ND	"	
1,1,2,2-Tetrachloroethane	"	"	"	EPA 8010B	0.500	ND	"	
Tetrachloroethene	"	"	"	EPA 8010B	0.500	ND	"	
1,1,1-Trichloroethane	"	"	"	EPA 8010B	0.500	ND	"	
1,1,2-Trichloroethane	"	"	"	EPA 8010B	0.500	ND	"	
1,1,2-Trichlorotrifluoroethane	"	"	"	EPA 8010B	1.00	ND	"	
Trichloroethene	"	"	"	EPA 8010B	0.500	ND	"	
Trichlorofluoromethane	"	"	"	EPA 8010B	0.500	ND	"	
Vinyl chloride	"	"	"	EPA 8010B	1.00	ND	"	
1,2-Dibromoethane	"	"	"	EPA 8010B	1.00	ND	"	
Surrogate: 4-Bromofluorobenzene	"	"	"	*70-130*		*116*	*%*	

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Blaine Tech Services (Shell)	Project:	1784 150th Ave.	Sampled: 9/6/00
1680 Rogers Avenue	Project Number:	1784 150th Avenue/ San Leandro	Received: 9/7/00
San Jose, CA 95112	Project Manager:	Nick Sudano	Reported: 10/5/00 16:16

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

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
MW-1			**MJI0166-01**				**Water**	
Purgeable Hydrocarbons as Gasoline	0090094	9/20/00	9/20/00		10000	**17800**	ug/l	P-01
Benzene	"	"	"		100	**7390**	"	
Toluene	"	"	"		100	**212**	"	
Ethylbenzene	"	"	"		100	**329**	"	
Xylenes (total)	"	"	"		100	**1270**	"	
Methyl tert-butyl ether	"	"	"		1000	ND	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*70.0-130*		*88.7*	%	
MW-2			**MJI0166-02**				**Water**	
Purgeable Hydrocarbons as Gasoline	0090094	9/20/00	9/20/00		5000	**39500**	ug/l	P-01
Benzene	"	"	"		50.0	**4490**	"	
Toluene	"	"	"		50.0	**3290**	"	
Ethylbenzene	"	"	"		50.0	**2100**	"	
Xylenes (total)	"	"	"		50.0	**14000**	"	
Methyl tert-butyl ether	"	"	"		500	**18500**	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*70.0-130*		*71.1*	%	
MW-3			**MJI0166-03**				**Water**	
Purgeable Hydrocarbons as Gasoline	0090094	9/20/00	9/20/00		100	**887**	ug/l	P-03
Benzene	"	"	"		1.00	ND	"	
Toluene	"	"	"		1.00	ND	"	
Ethylbenzene	"	"	"		1.00	ND	"	
Xylenes (total)	"	"	"		1.00	ND	"	
Methyl tert-butyl ether	"	"	"		10.0	ND	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*70.0-130*		*175*	%	*S-04*

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1680 Rogers Avenue	Project Number:	1784 150th Avenue/ San Leandro	Received: 9/7/00
San Jose, CA 95112	Project Manager:	Nick Sudano	Reported: 10/5/00 16:16

MTBE by EPA Method 8260B
Sequoia Analytical - San Carlos

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
MW-2			**MJI0166-02**				**Water**	
Methyl tert-butyl ether	0090117	9/25/00	9/26/00		200	**9060**	ug/l	H-02
Surrogate: 1,2-Dichloroethane-d4	"	"	"	*76.0-114*		*90.2*	%	

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1680 Rogers Avenue	Project Number:	1784 150th Avenue/ San Leandro	Received: 9/7/00
San Jose, CA 95112	Project Manager:	Nick Sudano	Reported: 10/5/00 16:16

Volatile Organic Compounds by EPA Method 8010B/Quality Control
Sequoia Analytical - Morgan Hill

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit / Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Batch: 0I14021	**Date Prepared: 9/14/00**					**Extraction Method: EPA 5030B [P/T]**				
Blank	**0I14021-BLK1**									
Bromodichloromethane	9/19/00			ND	ug/l	0.500				
Bromoform	"			ND	"	0.500				
Bromomethane	"			ND	"	1.00				
Carbon tetrachloride	"			ND	"	0.500				
Chlorobenzene	"			ND	"	0.500				
Chloroethane	"			ND	"	1.00				
Chloroform	"			ND	"	0.500				
Chloromethane	"			ND	"	1.00				
Dibromochloromethane	"			ND	"	0.500				
1,3-Dichlorobenzene	"			ND	"	0.500				
1,4-Dichlorobenzene	"			ND	"	0.500				
1,2-Dichlorobenzene	"			ND	"	0.500				
1,1-Dichloroethane	"			ND	"	0.500				
1,2-Dichloroethane	"			ND	"	0.500				
1,1-Dichloroethene	"			ND	"	0.500				
cis-1,2-Dichloroethene	"			ND	"	0.500				
trans-1,2-Dichloroethene	"			ND	"	0.500				
1,2-Dichloropropane	"			ND	"	0.500				
cis-1,3-Dichloropropene	"			ND	"	0.500				
trans-1,3-Dichloropropene	"			ND	"	0.500				
Methylene chloride	"			ND	"	5.00				
1,1,2,2-Tetrachloroethane	"			ND	"	0.500				
Tetrachloroethene	"			ND	"	0.500				
1,1,1-Trichloroethane	"			ND	"	0.500				
1,1,2-Trichloroethane	"			ND	"	0.500				
1,1,2-Trichlorotrifluoroethane	"			ND	"	1.00				
Trichloroethene	"			ND	"	0.500				
Trichlorofluoromethane	"			ND	"	0.500				
Vinyl chloride	"			ND	"	1.00				
1,2-Dibromoethane	"			ND	"	1.00				
Surrogate: 4-Bromofluorobenzene	"	*10.0*		*9.47*	"	*70-130*	*94.7*			
LCS	**0I14021-BS1**									
Chlorobenzene	9/19/00	12.5		12.8	ug/l	70-130	102			
1,1-Dichloroethene	"	12.5		9.22	"	65-135	73.8			
Trichloroethene	"	12.5		11.6	"	70-130	92.8			
Surrogate: 4-Bromofluorobenzene	"	*10.0*		*10.5*	"	*70-130*	*105*			

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1680 Rogers Avenue	Project Number:	1784 150th Avenue/ San Leandro	Received: 9/7/00
San Jose, CA 95112	Project Manager:	Nick Sudano	Reported: 10/5/00 16:16

Volatile Organic Compounds by EPA Method 8010B/Quality Control
Sequoia Analytical - Morgan Hill

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Matrix Spike	**0I14021-MS1**		**MJI0166-01**							
Chlorobenzene	9/20/00	12.5	ND	12.6	ug/l	60-140	**101**			
1,1-Dichloroethene	"	12.5	ND	13.1	"	60-140	**105**			
Trichloroethene	"	12.5	ND	12.9	"	60-140	**103**			
Surrogate: 4-Bromofluorobenzene	"	*10.0*		*10.8*	"	*70-130*	*108*			
Matrix Spike Dup	**0I14021-MSD1**		**MJI0166-01**							
Chlorobenzene	9/20/00	12.5	ND	12.1	ug/l	60-140	**96.8**	25	**4.05**	
1,1-Dichloroethene	"	12.5	ND	12.0	"	60-140	**96.0**	25	**8.76**	
Trichloroethene	"	12.5	ND	12.6	"	60-140	**101**	25	**2.35**	
Surrogate: 4-Bromofluorobenzene	"	*10.0*		*10.4*	"	*70-130*	*104*			

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1680 Rogers Avenue	Project Number:	1784 150th Avenue/ San Leandro	Received: 9/7/00
San Jose, CA 95112	Project Manager:	Nick Sudano	Reported: 10/5/00 16:16

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: 0090094	**Date Prepared: 9/20/00**					**Extraction Method: EPA 5030B [P/T]**				
Blank	**0090094-BLK1**									
Purgeable Hydrocarbons as Gasoline	9/20/00			**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**	"	**5.00**				
Surrogate: a,a,a-Trifluorotoluene	"	*10.0*		*9.64*	"	*70.0-130*	*96.4*			
LCS	**0090094-BS1**									
Benzene	9/20/00	10.0		7.98	ug/l	70.0-130	79.8			
Toluene	"	10.0		7.53	"	70.0-130	75.3			
Ethylbenzene	"	10.0		7.15	"	70.0-130	71.5			
Xylenes (total)	"	30.0		21.7	"	70.0-130	72.3			
Surrogate: a,a,a-Trifluorotoluene	"	*10.0*		*9.02*	"	*70.0-130*	*90.2*			
LCS	**0090094-BS2**									
Purgeable Hydrocarbons as Gasoline	9/20/00	250		205	ug/l	70.0-130	82.0			
Surrogate: a,a,a-Trifluorotoluene	"	*10.0*		*10.6*	"	*70.0-130*	*106*			
Matrix Spike	**0090094-MS1**		**L009117-04**							
Purgeable Hydrocarbons as Gasoline	9/20/00	250	ND	204	ug/l	60.0-140	**81.6**			
Surrogate: a,a,a-Trifluorotoluene	"	*10.0*		*10.7*	"	*70.0-130*	*107*			
Matrix Spike Dup	**0090094-MSD1**		**L009117-04**							
Purgeable Hydrocarbons as Gasoline	9/20/00	250	ND	230	ug/l	60.0-140	**92.0**	25.0	**12.0**	
Surrogate: a,a,a-Trifluorotoluene	"	*10.0*		*10.4*	"	*70.0-130*	*104*			

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Blaine Tech Services (Shell)	Project:	1784 150th Ave.	Sampled: 9/6/00
1680 Rogers Avenue	Project Number:	1784 150th Avenue/ San Leandro	Received: 9/7/00
San Jose, CA 95112	Project Manager:	Nick Sudano	Reported: 10/5/00 16:16

MTBE by EPA Method 8260B/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: 0090117	**Date Prepared: 9/25/00**					**Extraction Method: EPA 5030B [P/T]**				
Blank	**0090117-BLK2**									
Methyl tert-butyl ether	9/25/00			**ND**	ug/l	**0.500**				
Surrogate: 1,2-Dichloroethane-d4	"	*50.0*		*45.6*	"	*76.0-114*	*91.2*			
LCS	**0090117-BS2**									
Methyl tert-butyl ether	9/25/00	50.0		51.4	ug/l	70.0-130	103			
Surrogate: 1,2-Dichloroethane-d4	"	*50.0*		*52.8*	"	*76.0-114*	*106*			
Matrix Spike	**0090117-MS1**		**L009160-02**							
Methyl tert-butyl ether	9/25/00	50.0	ND	46.0	ug/l	60.0-140	**92.0**			
Surrogate: 1,2-Dichloroethane-d4	"	*50.0*		*47.6*	"	*76.0-114*	*95.2*			
Matrix Spike Dup	**0090117-MSD1**		**L009160-02**							
Methyl tert-butyl ether	9/25/00	50.0	ND	45.0	ug/l	60.0-140	**90.0**	25.0	**2.20**	
Surrogate: 1,2-Dichloroethane-d4	"	*50.0*		*46.4*	"	*76.0-114*	*92.8*			

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1680 Rogers Avenue	Project Number:	1784 150th Avenue/ San Leandro	Received: 9/7/00
San Jose, CA 95112	Project Manager:	Nick Sudano	Reported: 10/5/00 16:16

Notes and Definitions

#	Note
P-01	Chromatogram Pattern: Gasoline C6-C12
P-03	Chromatogram Pattern: Unidentified Hydrocarbons C6-C12
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
H-02	This sample was analyzed past EPA recommended holding time.
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 000926-52

CLIENT: Equiva - Karen Petryna

SITE: 1784 150th Avenue

San Leandro, CA

LAB: SEQUOIA

DHS #

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

☐ EPA ☐ LIA ☐ OTHER ☐ RWQCB REGION _____

MJI0166

SPECIAL INSTRUCTIONS

Send invoice to Equiva

Incident # 98996068

Send report to Blaine Tech Services, Inc.

ATTN: Nick Sudano

CONDUCT ANALYSIS TO DETECT

SAMPLE I.D.	DATE	TIME	MATRIX S=SOIL W=H_2O	CONTAINERS TOTAL	C = COMPOSITE ALL CONTAINERS	TPH - gas, BTEX	MTBE by 8020	MTBE by 8260	TPH - diesel	Oxygenates by 8260	VOC's by 8010B			ADD'L INFORMATION	STATUS	CONDITION	LAB SAMPLE #
MW-1	9/6/00	1445	W	6		X	X				X		01				
MW-2		1410	W	6		X	X				X		02	"Confirm Highest MTBE			7354
MW-3		1422	W	6		X	X				X		03	Concentration by 8260."			

SAMPLING COMPLETED	DATE	TIME
	9/6/00	1710

SAMPLING PERFORMED BY: SH WLH

RESULTS NEEDED NO LATER THAN

RELEASED BY	DATE	TIME	RECEIVED BY	DATE	TIME
SH WLH	9/7	9:40		9/7/00	940
	9/7/00			9/7/00	3:50

SHIPPED VIA	DATE SENT	TIME SENT	COOLER #	

WELL GAUGING DATA

Project # 000906-S2 Date 9/6/00 Client Equiva #9899 6068

Site 1784 150th 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	D.O. Readings
MW-1	4	Odor	NO FP Detected			21.90	44.37	TOC	3.0
MW-2	4	Odor	NO FP Detected			18.65	44.15		3.5
MW-3	4	Odor	NO FP Detected			24.73	41.30		2.0
MW-4	2	Odor				12.17	24.97	↓	3.0

EQUIVA WELL MONITORING DATA SHEET

BTS #: 000906-52	Site: # 9899608
Sampler: Stephan	Date: 9/6/00
Well I.D.: MW-1	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: 44.27	Depth to Water: 21.90
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): (YSI) HACH

Purge Method:

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

Sampling Method: (Bailer)

- Disposable Bailer
- Extraction Port
- Dedicated Tubing
- Other: _____

14.6 (Gals.) X 3 = 43.82 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

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

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
1636	69.6	6.7	1710	>200	15	odor/
1688	68.7	6.8	1733	>200	30	"
1640	68.4	6-8	1753	>200	44	"
			~20	had a reaction		
			with the HCl.	"		

Did well dewater? Yes (NO) Gallons actually evacuated: 44

Sampling Time: 1645 Sampling Date: 9/6/00

Sample I.D.: MW-1 Laboratory: (Sequoia) Columbia Other_____

Analyzed for: (TPH-G) (BTEX) (MTBE) TPH-D Other: VOC's By 8010B

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

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

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge: 3.0	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

EQUIVA WELL MONITORING DATA SHEET

BTS #: 000906-S2	Site: # 9979605
Sampler: Steph	Date: 9/6/00
Well I.D.: MW-2	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth: 44.15	Depth to Water: 18.65
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): (YSI) HACH

Purge Method:

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

Sampling Method: (Bailer)

Disposable Bailer
Extraction Port
Dedicated Tubing
Other: _____

16.58 (Gals.) X 3 = 49.73 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

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

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
1701	70.3	6.9	1302	>200	17	clear/cloudy
1703	70.0	7.0	1281	>200	34	"
1705	69.7	7.0	1309	>200	49.73	"

Did well dewater? Yes (No) Gallons actually evacuated: 50

Sampling Time: 1710 Sampling Date: 9/6/00

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

Analyzed for: (TPH-G) (BTEX) (MTBE) TPH-D Other: VOC's By 8010B

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

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

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	1.5 mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

WELL MONITORING DATA SHEET

Project #: 000901-52	Client: II 98996068
Sampler: Stephe	Start Date: 9/6/00
Well I.D.: MW-3	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: 41.30	Depth to Water: 24.73
Before: After:	Before: After:
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): (YSI) HACH

Purge Method:

Bailer	Waterra	
Disposable Bailer	Peristaltic	
Middleburg	Extraction Pump	
(Electric Submersible)	Other ___	

Sampling Method: (Bailer)

Disposable Bailer	
Extraction Port	
Dedicated Tubing	
Other: ___	

10.77 (Gals.) X 3 = 32.31 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

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

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
1615	70.8	6.4	1323	>200	11	Odor/Turbid
1616	69.7	6.6	1339	>200	22	"
1617	69.6	6.7	1360	>200	33	"

Did well dewater? Yes (No) Gallons actually evacuated: 33

Sampling Time: 1622 Sampling Date: 9/6/00

Sample I.D.: MW-3 Laboratory: Sequoia

Analyzed for: TPH-G BTEX MTBE TPH-D Other: VOCs By 8010B

Equipment Blank I.D.: @ Time Duplicate I.D.:

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

D.O. (if req'd):	Pre-purge:	mg/l	Post-purge:	2.0
ORP (if req'd):	Pre-purge:	mV	Post-purge:	