CAMBRIA

R0254

February 1, 2001

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

Re: **Fourth Quarter 2000 Monitoring Report**
Shell-branded Service Station
1800 Powell Street
Emeryville, California
Incident # 98995349
Cambria Project# 243-0894-002

Dear Ms. Hugo:

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

FOURTH QUARTER 2000 ACTIVITIES

Groundwater Monitoring: Blaine Tech Services, Inc. (Blaine) of San Jose, California gauged and sampled all site, 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.

ANTICIPATED FUTURE 2001 ACTIVITIES

Groundwater Monitoring: The next sampling event is scheduled for the fourth quarter of 2001. At that time, Blaine will measure and remove any detected SPH, gauge and sample all wells, 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

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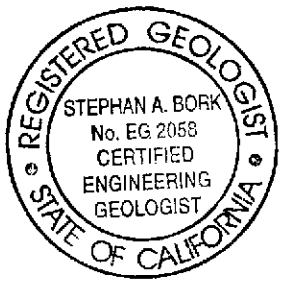
CLOSING

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

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
Mr. Eddy So, RWQCB-SFBR, 1515 Clay St., Ste. 1400, Oakland, CA 94612

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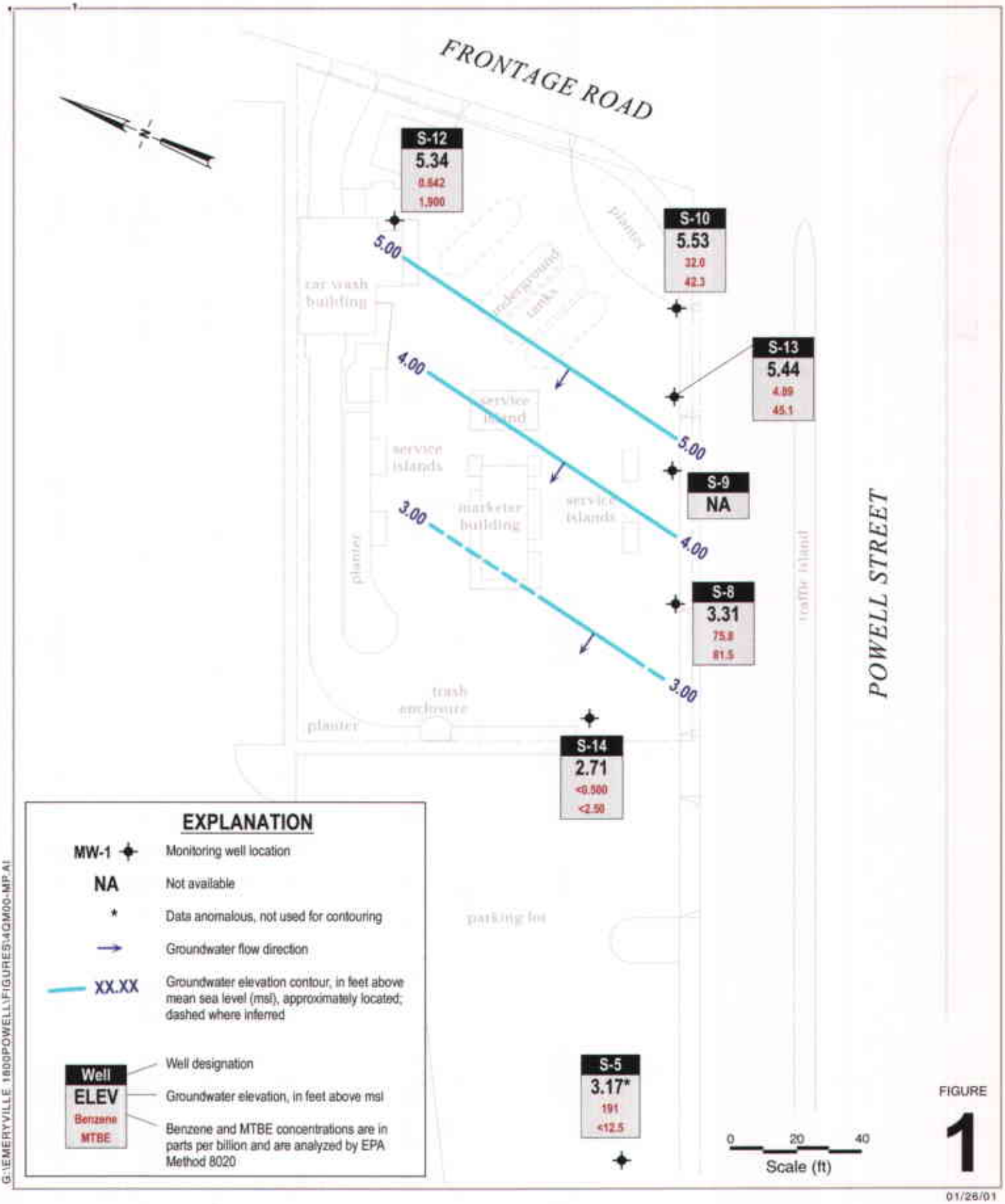

Shell-branded Service Station
1800 Powell Street
Emeryville, California
Incident #98995349

CAMBRIA

Groundwater Elevation Contour Map

November 2, 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

January 8, 2001

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

Fourth Quarter 2000 Groundwater Monitoring at
Shell-branded Service Station
1800 Powell Street
Emeryville, CA

Monitoring performed on November 2, 2000

Groundwater Monitoring Report **001102-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, 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.
P.O. Box 259
Sonoma, CA 95476-0259

WELL CONCENTRATIONS
Shell-Branded Service Station
1800 Powell Street
Emeryville, CA
Wic #204-2495-0101

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)	TOB (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)
S-5	10/26/1984	3,000	NA	660	20	20	70	NA	NA	11.72	NA	NA	NA
S-5	02/09/1985	2,800	NA	740	20	20	140	NA	NA	11.72	NA	NA	NA
S-5	04/27/1985	4,300	NA	750	10	20	<30	NA	NA	11.72	NA	NA	NA
S-5	07/06/1985	1,500	NA	300	8	7	9	NA	NA	11.72	NA	NA	NA
S-5	10/24/1985	2,100	NA	760	10	40	50	NA	NA	11.72	NA	NA	NA
S-5	01/03/1986	1,300	NA	520	9	8	10	NA	NA	11.72	NA	NA	NA
S-5	07/05/1986	1,400	NA	500	10	4	<10	NA	NA	11.72	8.36	3.36	NA
S-5	10/18/1986	4,200	NA	1,100	9	14	7	NA	NA	11.72	NA	NA	NA
S-5	01/13/1987	4,500	6,100	1,100	15	30	25	NA	NA	11.72	NA	NA	NA
S-5	07/07/1987	3,200	NA	1,000	16	9	12	NA	NA	11.72	9.15	2.57	NA
S-5	10/10/1987	1,700	NA	16	5.7	5.2	8.9	NA	NA	11.72	9.67	2.05	NA
S-5	02/11/1988	1,300	NA	300	5	<5	<5	NA	NA	11.72	9.00	2.72	NA
S-5	05/10/1988	1,900	NA	490	<0.5	<5	<5	NA	NA	11.72	8.61	3.11	NA
S-5	08/31/1988	6,700	NA	760	26	<25	<25	NA	NA	11.72	9.61	2.11	NA
S-5	12/03/1988	2,900	NA	890	5.3	7.3	13	NA	NA	11.72	9.47	2.25	NA
S-5	02/16/1989	1,300	NA	280	3	3.4	9.4	NA	NA	11.72	8.29	3.43	NA
S-5	08/10/1989	1,700	NA	530	5.5	<5	5.8	NA	NA	11.72	9.30	2.42	NA
S-5	11/11/1989	NA	NA	NA	NA	NA	NA	NA	NA	11.72	9.42	2.30	NA
S-5	02/21/1994	1,000	NA	250	<5	<5	<5	NA	NA	11.72	7.95	3.77	NA
S-5 (D)	02/21/1994	1,300	NA	220	<5	<5	11	NA	NA	11.72	7.95	3.77	NA
S-5	05/16/1994	1,200	NA	230	<5	<5	<5	NA	NA	11.72	8.00	3.72	NA
S-5	08/09/1994	Well inaccessible		NA	NA	NA	NA	NA	NA	11.72	NA	NA	NA
S-5	11/09/1994	1,600	NA	220	3.2	1.8	5	NA	NA	11.72	8.32	3.40	NA
S-5 (D)	11/09/1994	1,600	NA	250	3.3	1.9	5.9	NA	NA	11.72	8.32	NA	NA
S-5	02/22/1995	Well inaccessible		NA	NA	NA	NA	NA	NA	11.72	NA	NA	NA
S-5	05/02/1995	Well inaccessible		NA	NA	NA	NA	NA	NA	11.72	NA	NA	NA

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Shell-Branded Service Station
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S-5	05/10/1995	910	NA	170	1.5	1.3	5.2	NA	NA	11.72	NA	NA	NA
S-5	08/24/1995	620	NA	210	<0.5	1.2	5.3	NA	NA	11.72	8.78	2.94	NA
S-5	12/08/1995	1,600	NA	510	3.3	1.5	6.6	NA	NA	11.72	9.78	1.94	NA
S-5 (D)	12/08/1995	1,600	NA	530	1.8	1.1	5.4	NA	NA	11.72	9.78	1.94	NA
S-5	02/29/1996	1,900	NA	470	5.8	<5.0	<5.0	46	NA	11.72	7.64	4.08	NA
S-5 (D)	02/29/1996	1,700	NA	440	5.4	<5.0	<5.0	40	NA	11.72	7.64	4.08	NA
S-5	05/22/1996	1,200	NA	490	<10	<10	<10	<50	NA	11.72	8.60	3.12	NA
S-5	07/30/1996	1,100	NA	400	<5.0	<5.0	6.9	<25	NA	11.72	9.40	2.32	NA
S-5	11/11/1996	Well inaccessible		NA	NA	NA	NA	NA	NA	11.72	NA	NA	NA
S-5	11/03/1997	Well inaccessible		NA	NA	NA	NA	NA	NA	11.72	NA	NA	NA
S-5	11/06/1998	620	NA	91	<0.50	0.64	4.0	<2.5	NA	11.72	8.25	3.47	NA
S-5	12/07/1999	Well inaccessible		NA	NA	NA	NA	NA	NA	11.72	NA	NA	NA
S-5	**11/02/2000**	**1,120**	**NA**	**191**	**2.78**	**<2.50**	**3.56**	**<12.5**	**NA**	**11.72**	**8.55**	**3.17**	**NA**
S-6	04/27/1985	6,500	NA	2,400	30	50	210	NA	NA	NA	NA	NA	NA
S-6	07/06/1985	3,700	NA	1,700	34	55	200	NA	NA	NA	NA	NA	NA
S-6	10/24/1985	23	<0.5	<5	10	NA	NA	NA	NA	NA	NA	<50	NA
S-6	11/08/1985	Well abandoned		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-7	10/26/1984	50	NA	1.1	<1	<1	4	NA	NA	NA	NA	NA	NA
S-7	02/09/1985	NA	NA	0.9	<1	<1	<3	NA	NA	NA	NA	NA	NA
S-7	04/27/1985	<50	NA	<1	<1	<1	<3	NA	NA	NA	NA	NA	NA
S-7	07/06/1985	70	NA	2.2	<1	<1	<3	NA	NA	NA	NA	NA	NA
S-7	10/24/1985	6,200	NA	2,200	130	190	660	NA	NA	NA	NA	NA	NA
S-7	11/09/1985	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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S-8	10/26/1984	1,000	NA	610	9	1	42	NA	NA	12.76	NA	NA	NA
S-8	02/09/1985	500	NA	160	5	<2	17	NA	NA	12.76	NA	NA	NA
S-8	04/27/1985	2,700	NA	1500	20	10	40	NA	NA	12.76	NA	NA	NA
S-8	07/06/1985	440	NA	180	5	2	12	NA	NA	12.76	NA	NA	NA
S-8	10/24/1985	2,000	NA	1,100	17	5	70	NA	NA	12.76	NA	NA	NA
S-8	01/03/1986	1,900	NA	1,300	20	<10	70	NA	NA	12.76	NA	NA	NA
S-8	07/05/1986	1,600	NA	920	30	<10	60	NA	NA	12.76	9.50	3.26	NA
S-8	10/18/1986	1,400	NA	640	<10	<10	30	NA	NA	12.76	NA	NA	NA
S-8	01/13/1987	670	760	190	5.8	<0.5	19	NA	NA	12.76	NA	NA	NA
S-8	04/22/1987	2,400	NA	740	54	5.7	59	NA	NA	12.76	NA	NA	NA
S-8	07/07/1987	1,100	NA	450	15	<2.5	42	NA	NA	12.76	10.45	2.31	NA
S-8	10/10/1987	340	NA	4	0.6	<0.5	17	NA	NA	12.76	10.83	1.93	NA
S-8	02/11/1988	<1,000	NA	260	<10	<10	11	NA	NA	12.76	10.44	2.32	NA
S-8	05/10/1988	1,800	NA	700	14	<5	46	NA	NA	12.76	10.17	2.59	NA
S-8	08/31/1988	NA	NA	NA	NA	NA	NA	NA	NA	12.76	10.81	1.95	SPH
S-8	12/03/1988	960	NA	250	4.3	<2.5	14	NA	NA	12.76	10.81	1.95	NA
S-8	02/16/1989	2,700	NA	800	35	10	83	NA	NA	12.76	9.65	3.11	NA
S-8	05/28/1989	960	NA	710	25	84	80	NA	NA	12.76	10.46	2.30	NA
S-8	08/10/1989	1,300	NA	630	17	<5	46	NA	NA	12.76	10.59	2.17	NA
S-8	11/11/1989	910	NA	180	8	<2.5	15	NA	NA	12.76	10.29	2.47	NA
S-8	02/21/1994	3,200	NA	480	52	<5	130	NA	NA	12.76	9.52	3.24	NA
S-8	05/16/1994	1,000	NA	220	7.3	<5	28	NA	NA	12.76	9.49	3.27	NA
S-8 (D)	05/16/1994	1,000	NA	280	10	<5	29	NA	NA	12.76	9.49	3.27	NA
S-8	08/09/1994	400	NA	27	6.6	<0.5	18	NA	NA	12.76	10.37	2.39	NA
S-8	11/09/1994	650	NA	170	5.3	<0.5	17	NA	NA	12.76	9.58	3.18	NA
S-8	02/22/1995	650	NA	210	10	1.2	22	NA	NA	12.76	9.02	3.74	NA

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S-8	05/02/1995	1,000	NA	280	17	1.4	32	NA	NA	12.76	8.45	4.31	NA
S-8	08/24/1995	480	NA	180	11	1	19	NA	NA	12.76	10.02	2.74	NA
S-8 (D)	08/24/1995	700	NA	180	6.5	<0.5	17	NA	NA	12.76	10.02	2.74	NA
S-8	12/08/1995	740	NA	230	6.9	0.7	15	NA	NA	12.76	10.65	2.11	NA
S-8	02/29/1996	740	NA	260	8.1	<5.0	19	58	NA	12.76	9.10	3.66	NA
S-8	05/22/1996	1,200	NA	350	10	<5.0	23	74	NA	12.76	10.14	2.62	NA
S-8	07/30/1996	530	NA	220	20	6.3	36	69	NA	12.76	10.51	2.25	NA
S-8	11/11/1996	540	NA	140	3.7	<2.0	17	42	NA	12.76	10.23	2.53	NA
S-8	11/03/1997	480	NA	54	3.5	<0.50	12	40	NA	12.76	9.40	3.36	NA
S-8	11/06/1998	740	NA	110	10	2.8	26	31	NA	12.76	9.78	2.98	NA
S-8	12/07/1999	770	NA	270	16	<2.0	33	75	NA	12.76	10.14	2.62	NA
S-8	**11/02/2000**	**436**	**NA**	**75.8**	**6.18**	**0.549**	**14.9**	**81.5**	**NA**	**12.76**	**9.45**	**3.31**	**NA**
S-9	10/26/1984	NA	NA	NA	NA	NA	NA	NA	NA	12.75	NA	NA	SPH
S-9	02/09/1985	NA	NA	NA	NA	NA	NA	NA	NA	12.75	NA	NA	1.30
S-9	04/27/1985	NA	NA	NA	NA	NA	NA	NA	NA	12.75	NA	NA	1.25
S-9	07/06/1985	NA	NA	NA	NA	NA	NA	NA	NA	12.75	NA	NA	1.20
S-9	10/24/1985	NA	NA	NA	NA	NA	NA	NA	NA	12.75	NA	NA	SPH
S-9	01/03/1986	NA	NA	NA	NA	NA	NA	NA	NA	12.75	NA	NA	SPH
S-9	04/11/1986	NA	NA	NA	NA	NA	NA	NA	NA	12.75	NA	NA	SPH
S-9	07/05/1986	NA	NA	NA	NA	NA	NA	NA	NA	12.75	9.67	3.08	SPH
S-9	10/18/1986	NA	NA	NA	NA	NA	NA	NA	NA	12.75	NA	NA	SPH
S-9	01/13/1987	NA	NA	NA	NA	NA	NA	NA	NA	12.75	NA	NA	SPH
S-9	04/22/1987	NA	NA	NA	NA	NA	NA	NA	NA	12.75	NA	NA	SPH
S-9	07/07/1987	NA	NA	NA	NA	NA	NA	NA	NA	12.75	NA	NA	SPH
S-9	10/10/1987	NA	NA	NA	NA	NA	NA	NA	NA	12.75	22.30	-9.55	SPH

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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)	TOB (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)
S-9	02/24/1994	NA	NA	NA	NA	NA	NA	NA	NA	12.75	NA	NA	SPH
S-9	05/16/1994	NA	NA	NA	NA	NA	NA	NA	NA	12.75	NA	NA	1.50
S-9	08/09/1994	NA	NA	NA	NA	NA	NA	NA	NA	12.75	11.80	NA	2.00
S-9	11/09/1994	NA	NA	NA	NA	NA	NA	NA	NA	12.75	NA	NA	SPH
S-9	02/22/1995	NA	NA	NA	NA	NA	NA	NA	NA	12.75	11.40	NA	2.38
S-9	05/02/1995	NA	NA	NA	NA	NA	NA	NA	NA	12.75	11.83	NA	2.12
S-9	12/08/1995	NA	NA	NA	NA	NA	NA	NA	NA	12.75	11.92	NA	1.06
S-9a	02/29/96a	NA	NA	NA	NA	NA	NA	NA	NA	12.75	12.10	2.88	2.79
S-9a	05/22/96a	NA	NA	NA	NA	NA	NA	NA	NA	12.75	11.71	2.44	1.75
S-9a	07/30/96a	NA	NA	NA	NA	NA	NA	NA	NA	12.75	NA	NA	SPH
S-9a	11/11/96a	NA	NA	NA	NA	NA	NA	NA	NA	12.75	NA	NA	9.00
S-9a	11/03/1997	NA	NA	NA	NA	NA	NA	NA	NA	12.75	NA	NA	SPH
S-9a	11/06/1998	NA	NA	NA	NA	NA	NA	NA	NA	12.75	NA	NA	SPH
S-9a	12/07/1999	Well inaccessible		NA	NA	NA	NA	NA	NA	12.75	NA	NA	NA
S-9a	**11/02/2000**	**Well inaccessible**		**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**12.75**	**NA**	**NA**	**NA**
S-10	10/26/1984	700,000	NA	37,000	100,000	20,000	110,000	NA	NA	12.58	NA	NA	NA
S-10	02/09/1985	6,500	NA	480	700	100	1,800	NA	NA	12.58	NA	NA	NA
S-10	04/27/1985	13,000	NA	1,300	500	600	3,700	NA	NA	12.58	NA	NA	NA
S-10	07/06/1985	14,000	NA	1,300	310	270	2,400	NA	NA	12.58	NA	NA	NA
S-10	10/24/1985	4,200	NA	580	34	4	440	NA	NA	12.58	NA	NA	NA
S-10	01/03/1986	1,700	NA	360	10	7.8	170	NA	NA	12.58	NA	NA	NA
S-10	04/11/1986	NA	NA	NA	NA	NA	NA	NA	NA	12.58	NA	NA	0.01
S-10	07/05/1986	NA	NA	NA	NA	NA	NA	NA	NA	12.58	9.16	3.42	0.01
S-10	10/18/1986	NA	NA	NA	NA	NA	NA	NA	NA	12.58	NA	NA	0.03
S-10	01/13/1987	NA	NA	NA	NA	NA	NA	NA	NA	12.58	NA	NA	0.03

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S-10	04/22/1987	NA	NA	NA	NA	NA	NA	NA	NA	12.58	NA	NA	0.01
S-10	07/07/1987	NA	NA	NA	NA	NA	NA	NA	NA	12.58	9.41	3.17	0.03
S-10	10/10/1987	NA	NA	NA	NA	NA	NA	NA	NA	12.58	7.77	4.81	SPH
S-10	02/11/1988	1,200	NA	470	16	<5	14	NA	NA	12.58	6.41	6.17	NA
S-10	05/10/1988	1,100	NA	100	6	4	19	NA	NA	12.58	9.04	3.54	NA
S-10	08/31/1988	NA	NA	NA	NA	NA	NA	NA	NA	12.58	9.38	3.20	0.01
S-10	12/03/1988	NA	NA	NA	NA	NA	NA	NA	NA	12.58	6.89	5.69	SPH
S-10	02/16/1989	530	NA	89	8.5	1.6	4.5	NA	NA	12.58	7.34	5.24	NA
S-10	05/28/1989	240	NA	65	3.8	2.2	8.6	NA	NA	12.58	6.60	5.98	NA
S-10	08/10/1989	250	NA	23	4.1	<1	6.4	NA	NA	12.58	9.09	3.49	NA
S-10	11/11/1989	320	NA	1.6	1.3	1.4	6.2	NA	NA	12.58	6.58	6.00	NA
S-10	02/21/1994	1,400	NA	190	9.9	<2.5	19	NA	NA	12.58	8.32	4.26	NA
S-10	05/16/1994	300	NA	45	8.6	6.2	19	NA	NA	12.58	8.35	4.23	NA
S-10	08/08/1994	700	NA	57	14	<0.5	9.3	NA	NA	12.58	8.66	3.92	NA
S-10	11/09/1994	640	NA	130	2	1.6	4.1	NA	NA	12.58	6.68	5.90	NA
S-10	02/22/1995	500	NA	65	5.9	1	8.2	NA	NA	12.58	9.12	3.46	NA
S-10	05/02/1995	530	NA	59	2.3	0.8	8.2	NA	NA	12.58	9.50	3.08	NA
S-10	08/24/1995	350	NA	35	4.6	<0.5	6.7	NA	NA	12.58	10.06	2.52	NA
S-10	12/08/1995	690	NA	28	4.6	0.9	8.6	NA	NA	12.58	10.08	2.50	NA
S-10	02/29/1996	430	NA	32	1.8	0.5	5.8	16	NA	12.58	5.32	7.26	NA
S-10	05/22/1996	100	1,200	19	0.63	<0.5	1.4	5.3	NA	12.58	6.04	6.54	NA
S-10	07/30/1996	240	13,000	17	<1.2	<1.2	7.8	11	NA	12.58	10.48	2.10	NA
S-10	11/11/1996	370	4,800	16	1.1	<0.5	7	94	NA	12.58	10.31	2.27	NA
S-10	11/03/1997	340	1,100	6.7	2.1	<0.50	3.3	19	NA	12.58	9.53	3.05	NA
S-10 (D)	11/03/1997	310	1,100	7.8	1.3	<0.50	3.1	19	NA	12.58	9.53	3.05	NA
S-10	11/06/1998	<250	2,000	<2.5	<2.5	<2.5	6.5	900	NA	12.58	5.12	7.46	NA

WELL CONCENTRATIONS
Shell-Branded Service Station
1800 Powell Street
Emeryville, CA
Wic #204-2495-0101

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)	TOB (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)
S-10	12/07/1999	400	2,230	47	33	10	29	90	NA	12.58	7.95	4.63	NA
S-10	**11/02/2000**	**536**	**14,500**	**32.0**	**3.08**	**<0.500**	**2.98**	**42.3**	**NA**	**12.58**	**7.05**	**5.53**	**NA**
S-12	07/06/1985	<250	2,200	0.71	<0.5	<0.5	<3.6	NA	NA	12.84	8.22	NA	NA
S-12	11/16/1985	<250	1,400	18	<2	<2	<5	NA	NA	12.84	NA	NA	NA
S-12	01/03/1986	<250	NA	24	2	<2	<5	NA	NA	12.84	NA	NA	NA
S-12	07/05/1986	80	NA	15	0.7	<0.5	2	NA	NA	12.84	8.27	4.57	NA
S-12	10/18/1986	150	NA	12	9	<0.5	3.6	NA	NA	12.84	NA	NA	NA
S-12	01/13/1987	120	1,000	3.6	0.8	<0.5	2.9	NA	NA	12.84	NA	NA	NA
S-12	04/22/1987	100	820	3.7	3.8	0.8	11	NA	NA	12.84	NA	NA	NA
S-12	07/07/1987	70	NA	2.5	0.8	<0.5	2.4	NA	NA	12.84	9.50	3.34	NA
S-12	10/10/1987	220	2,500	2.1	0.7	<0.5	1.2	NA	NA	12.84	9.90	2.94	NA
S-12	02/11/1988	110	2,500	0.8	<0.5	<0.5	1.3	NA	NA	12.84	9.43	3.41	NA
S-12	05/10/1988	140	3,800b	0.8	0.8	<0.5	2.5	NA	NA	12.84	8.65	4.19	NA
S-12	08/31/1988	190	2,600b	3	15	0.5	4.5	NA	NA	12.84	9.86	2.98	NA
S-12	12/03/1988	180	3,900b	1.2	1	1	7.7	NA	NA	12.84	9.93	2.91	NA
S-12	02/16/1989	350c	2,100b	0.6	<0.5	0.5	5.5	NA	NA	12.84	8.08	4.76	NA
S-12	05/28/1989	290	2,200	2	1.6	4.4	6	NA	NA	12.84	9.08	3.76	NA
S-12	08/10/1989	240	720	0.7	<0.5	<0.5	1.1	NA	NA	12.84	9.35	3.49	NA
S-12	11/11/1989	210c	4,100	0.7	0.5	<0.5	3.4	NA	NA	12.84	9.28	3.56	NA
S-12	02/21/1994	240d	2,200e	0.7	<0.5	<0.5	3.6	NA	NA	12.84	8.22	4.62	NA
S-12	05/16/1994	96	2,200	1.5	<0.5	<0.5	2	NA	NA	12.84	8.92	3.92	NA
S-12	08/08/1994	110f	3,500g	<0.5	<0.5	<0.5	<0.5	NA	NA	12.84	NA	0.00	NA
S-12	11/09/1994	80	5,400g	80	<0.5	<0.5	0.6	NA	NA	12.84	7.56	5.28	NA
S-12	02/22/1995	110	2,900g,h	0.7	<0.5	<0.5	3.7	NA	NA	12.84	7.98	4.86	NA
S-12 (D)	02/22/1995	110	3,400g,h	4.8	7.1	<0.5	2.1	NA	NA	12.84	7.98	4.86	NA

WELL CONCENTRATIONS
Shell-Branded Service Station
1800 Powell Street
Emeryville, CA
Wic #204-2495-0101

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)	TOB (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)
S-12	05/02/1995	140	2,800	2.4	1.1	0.8	4.3	NA	NA	12.84	8.44	4.40	NA
S-12	08/24/1995	200	1,600	19	12	5.6	24	NA	NA	12.84	9.00	3.84	NA
S-12	12/08/1995	170	2,700	2.2	0.7	0.9	3.6	NA	NA	12.84	9.62	3.22	NA
S-12	02/29/1996	1,700	2,200	<5.0	<5.0	<5.0	<5.0	5,600	NA	12.84	7.64	5.20	NA
S-12	05/22/1996	<1,000	5,700	<10	<10	<10	<10	2,400	NA	12.84	8.94	3.90	NA
S-12	07/30/1996	<500	3,200	<5.0	<5.0	<5.0	<5.0	1,500	NA	12.84	9.71	3.13	NA
S-12 (D)	07/30/1996	<500	2,900	<5.0	<5.0	<5.0	<5.0	NA	2,000	12.84	9.71	3.13	NA
S-12	11/11/1996	<500	6,900	<5.0	<5.0	<5.0	<5.0	1,400	NA	12.84	9.65	3.19	NA
S-12	11/03/1997	110	2,800	2.1	<0.50	<0.50	1.3	NA	NA	12.84	8.73	4.11	NA
S-12	11/06/1998	<500	2,900	<5.0	<5.0	<5.0	<5.0	2,700	NA	12.84	8.85	3.99	NA
S-12	12/07/1999	<500	2,800	<5.0	<5.0	<5.0	<5.0	1,900	NA	12.84	8.32	4.52	NA
S-12	**11/02/2000**	**132**	**4,000**	**0.642**	**<0.500**	**<0.500**	**1.07**	**1,900**	**2,230k**	**12.84**	**7.50**	**5.34**	**NA**
S-13	07/06/1985	700	3,600	200	<5	<5	45	NA	NA	12.59	9.26	NA	NA
S-13	11/16/1985	1,900	2,000	700	160	70	340	NA	NA	12.59	NA	NA	NA
S-13	01/03/1986	2,800	NA	1,400	130	10	500	NA	NA	12.59	NA	NA	NA
S-13	07/05/1986	3,100	NA	1,800	60	40	270	NA	NA	12.59	9.47	3.12	NA
S-13	10/23/1986	3,400	NA	1,500	28	28	250	NA	NA	12.59	NA	NA	NA
S-13	01/13/1987	1,900	900	830	15	<10	99	NA	NA	12.59	NA	NA	NA
S-13	04/22/1987	2,900c	770h	1,100	20	30	140	NA	NA	12.59	NA	NA	NA
S-13	07/07/1987	1,500	NA	880	10	6	160	NA	NA	12.59	10.38	2.21	NA
S-13	10/10/1987	480	2,400	830	15	<0.5	120	NA	NA	12.59	10.78	1.81	NA
S-13	02/11/1988	1,300	1,300	510	<10	<10	86	NA	NA	12.59	10.48	2.11	NA
S-13	05/10/1988	1,000	1,300b	470	<0.5	<5	50	NA	NA	12.59	9.48	3.11	NA
S-13	08/31/1988	NA	NA	NA	NA	NA	NA	NA	NA	12.59	10.74	1.85	SPH
S-13	12/03/1988	900	2,400b	290	4.6	<2.5	20	NA	NA	12.59	10.30	2.29	NA

WELL CONCENTRATIONS
Shell-Branded Service Station
1800 Powell Street
Emeryville, CA
Wic #204-2495-0101

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)	TOB (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)
S-13	02/16/1989	840c	1,200b	310	3.5	<2.5	27	NA	NA	12.59	7.60	4.99	NA
S-13	05/28/1989	2,100	4,600	1,100	19	50	350	NA	NA	12.59	10.60	1.99	NA
S-13	08/10/1989	900	2,300	230	16	6.9	65	NA	NA	12.59	10.58	2.01	NA
S-13	11/11/1989	2,800	2,800	200	15	8.6	58	NA	NA	12.59	9.84	2.75	NA
S-13	02/21/1994	700	1,800d	200	<5	<5	45	NA	NA	12.59	9.26	3.33	NA
S-13	05/16/1994	650	1,700	180	2.5	<2.5	21	NA	NA	12.59	9.62	2.97	NA
S-13	08/08/1994	470	2,600g	12	1.5	0.5	14	NA	NA	12.59	10.32	2.27	NA
S-13	11/09/1994	Well inaccessible		NA	NA	NA	NA	NA	NA	12.59	NA	NA	NA
S-13	02/22/1995	550	2,400g,h	190	4	<0.5	17	NA	NA	12.59	8.92	3.67	NA
S-13	05/02/1995	790	2,100	250	6.9	1.2	22	NA	NA	12.59	9.52	3.07	NA
S-13	08/24/1995	330	1,500	93	<0.5	<0.5	2	NA	NA	12.59	10.02	2.57	NA
S-13	12/08/1995	440	2,400	110	2.2	0.8	23	NA	NA	12.59	10.75	1.84	NA
S-13	02/29/1996	560	2,500	130	<5.0	<5.0	30	30	NA	12.59	9.02	3.57	NA
S-13	05/22/1996	430	3,700	55	1.6	310	27	<5.0	NA	12.59	10.20	2.39	NA
S-13	07/30/1996	230	1,600	30	2	1.4	17	15	NA	12.59	10.42	2.17	NA
S-13	11/11/1996	320	2,700	19	1.1	<0.5	14	3.5	NA	12.59	10.28	2.31	NA
S-13 (D)	11/11/1996	360	2,400	24	1.3	<0.5	15	4.5	NA	12.59	10.28	2.31	NA
S-13	11/03/1997	300	1,900	25	1.4	0.63	12	5.0	NA	12.59	9.36	3.23	NA
S-13	11/06/1998	390	1,300	53	2.9	1.1	13	17	NA	12.59	9.85	2.74	NA
S-13	12/07/1999	420	1,430	15	6.2	2.6	15	42	NA	12.59	9.72	2.87	NA
S-13	**11/02/2000**	**257**	**4,240**	**4.89**	**1.92**	**<0.500**	**5.17**	**45.1**	**NA**	**12.59**	**7.15**	**5.44**	**NA**
S-14	11/16/1985	<250	400	3	<2	<2	<5	NA	NA	12.69	NA	NA	NA
S-14	01/03/1986	<250	NA	3	2	<2	<5	NA	NA	12.69	NA	NA	NA
S-14	04/22/1987	1,200	18,000	7.4	2.7	15	110	NA	NA	12.69	NA	NA	NA
S-14	07/07/1987	190	NA	6.5	0.6	1.9	26	NA	NA	12.69	10.32	2.37	NA

WELL CONCENTRATIONS
Shell-Branded Service Station
1800 Powell Street
Emeryville, CA
Wic #204-2495-0101

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)	TOB (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)
S-14	10/10/1987	4,900	21,000	7	1.2	<0.5	25	NA	NA	12.69	10.77	1.92	NA
S-14	02/11/1988	370	12,000c	4.6	<2.5	<2.5	26	NA	NA	12.69	10.40	2.29	NA
S-14	05/10/1988	660	2,200b	2.9	<2.5	<2.5	24	NA	NA	12.69	9.66	3.03	NA
S-14	08/31/1988	700	7,900	3.2	<2.5	<2.5	15	NA	NA	12.69	10.74	1.95	NA
S-14	12/03/1988	210	11,000b	<0.5	<0.5	0.8	6.8	NA	NA	12.69	10.69	2.00	NA
S-14	02/16/1989	130c	5,700b	<0.5	<0.5	<0.5	4.4	NA	NA	12.69	9.69	3.00	NA
S-14	05/28/1989	770	5,200	<0.5	<0.5	<0.5	4.5	NA	NA	12.69	10.42	2.27	NA
S-14	08/10/1989	920	8,800	<1	<1	1.6	17	NA	NA	12.69	10.54	2.15	NA
S-14	11/11/1989	710	28,000	20	57	25	69	NA	NA	12.69	9.91	2.78	NA
S-14	02/21/1994	2,800	3,600	<5	<5	<5	14	NA	NA	12.69	9.30	3.09	NA
S-14	02/21/1994	2,300d	3,600e	<5.0	<5	<5	14	NA	NA	12.69	9.30	3.39	NA
S-14	05/16/1994	310	6,700	<2.5	<2.5	<2.5	3.1	NA	NA	12.69	9.54	3.15	NA
S-14	08/08/1994	480l	2,900	<0.5	0.6	<0.5	0.8	NA	NA	12.69	10.29	2.40	NA
S-14 (D)	08/08/1994	590l	2,900	<0.5	0.6	<0.5	1.5	NA	NA	12.69	10.29	2.40	NA
S-14	11/09/1994	170i	6,400g	0.7	<0.5	<0.5	2.7	NA	NA	12.69	9.52	3.07	NA
S-14	02/22/1995	550	7,000g,h	<0.5	<0.5	<0.5	1.6	NA	NA	12.69	9.18	3.51	NA
S-14	05/02/1995	210	2,300	1	0.9	1.1	6.3	NA	NA	12.69	9.49	3.20	NA
S-14 (D)	05/02/1995	160	2,600	0.6	0.6	0.7	3.8	NA	NA	12.69	9.49	3.20	NA
S-14	08/24/1995	180	3,700	0.5	<0.5	<0.5	1.3	NA	NA	12.69	9.94	2.75	NA
S-14	12/08/1995	190	4,900	1	<0.5	0.6	4.6	NA	NA	12.69	10.65	2.04	NA
S-14	02/29/1996	200	11,000	<0.5	<0.5	<0.5	2	3	NA	12.69	8.90	3.79	NA
S-14	05/22/1996	93	3,800	<0.5	<0.5	<0.5	1.6	<2.5	NA	12.69	10.10	2.59	NA
S-14 (D)	05/22/1996	150	3,900	<0.5	<0.5	<0.5	1.8	<2.5	NA	12.69	10.10	2.59	NA
S-14	07/30/1996	<50	2,500	<0.5	<0.5	<0.5	0.89	<2.5	NA	12.69	10.37	2.32	NA
S-14	11/11/1996	2,600	27,000	<2.5	<2.5	<2.5	3.9	<12	NA	12.69	10.29	2.40	NA
S-14	11/03/1997	430	1,800	<0.50	<0.50	<0.50	1.7	<2.5	NA	12.69	9.52	3.17	NA

WELL CONCENTRATIONS
Shell-Branded Service Station
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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)	TOB (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)
S-14	11/06/1998	Well inaccessible		NA	NA	NA	NA	NA	NA	12.69	NA	NA	NA
S-14	12/07/1999	970	5,920	1.0	1.1	0.59	3.5	2.6	NA	12.69	9.73	2.96	NA
S-14	**11/02/2000**	**273**	**535,000**	**<0.500**	**<0.500**	**<0.500**	**1.59**	**<2.50**	**NA**	**12.69**	**9.98**	**2.71**	**NA**

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
TOB = Top of Wellbox Elevation
SPH = Separate-Phase Hydrocarbons
GW = Groundwater
ug/L = parts per billion
msl = Mean sea level
ft = Feet
<n = Below detection limit
(D) = Duplicate sample
NA = Not applicable

WELL CONCENTRATIONS
Shell-Branded Service Station
1800 Powell Street
Emeryville, CA
Wic #204-2495-0101

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)	TOB (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)

Notes:

a = Tar-like substance in well, probably from previous landfill activities; not gasoline.

b = Compounds detected within the chromatographic range appear to be weathered diesel

c = Compounds detected within the chromatographic range of gasoline but not characteristic of the standard gasoline pattern.

d = The concentrations reported as gasoline for samples S-12 and S-14 are primarily due to the presence of a discrete peak.

e = The concentrations reported as diesel for samples S-12, S-13 and S-14 are due to the presence of a combination of diesel and a heavier petroleum product of hydrocarbon range C18 - C36, possibly motor oil.

f = The result for gasoline is an unknown hydrocarbon which consists of several peaks.

g = The positive result appears to be a heavier hydrocarbon than diesel.

h = Compounds detected within the chromatographic range of diesel appears to include gasoline compounds.

i = The positive result appears to be a heavier hydrocarbon than gasoline.

j = No MTBE could be determined due to co-elution with early eluting compounds.

k = This sample analyzed outside of EPA recommended holding time.

Sequoia Analytical

885 Jarvis Drive
Morgan Hill, CA 95037
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30 November, 2000

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

RE: 1800 Powell
Sequoia Report: MJK0239

Enclosed are the results of analyses for samples received by the laboratory on 11/03/00 16:18. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

for Wayne Stevenson
Client Services Manager

CA ELAP Certificate #1210

Sequoia Analytical

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Blaine Tech Services (Shell)	Project: 1800 Powell	
1680 Rogers Avenue	Project Number: 98995349	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	11/30/00 16:58

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
S-5	MJK0239-01	Water	11/02/00 10:34	11/03/00 16:18
S-8	MJK0239-02	Water	11/02/00 10:52	11/03/00 16:18
S-10	MJK0239-03	Water	11/02/00 11:59	11/03/00 16:18
S-12	MJK0239-04	Water	11/02/00 12:17	11/03/00 16:18
S-13	MJK0239-05	Water	11/02/00 11:37	11/03/00 16:18
S-14	MJK0239-06	Water	11/02/00 11:07	11/03/00 16:18

Sequoia Analytical - Morgan Hill

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

Wayne Stevenson, Client Services Manager

Sequoia Analytical

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(408) 776-9600
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Blaine Tech Services (Shell)	Project: 1800 Powell	
1680 Rogers Avenue	Project Number: 98995349	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	11/30/00 16:58

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

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S-5 (MJK0239-01) Water Sampled: 11/02/00 10:34 Received: 11/03/00 16:18									
Purgeable Hydrocarbons	**1120**	250	ug/l	5	0K13004	11/13/00	11/13/00	DHS LUFT	P-01
Benzene	**191**	2.50	"	"	"	"	"	"	
Toluene	**2.78**	2.50	"	"	"	"	"	"	
Ethylbenzene	ND	2.50	"	"	"	"	"	"	
Xylenes (total)	**3.56**	2.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	12.5	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*73.4 %*	*70-130*		"	"	"	"	
S-8 (MJK0239-02) Water Sampled: 11/02/00 10:52 Received: 11/03/00 16:18									
Purgeable Hydrocarbons	**436**	50.0	ug/l	1	0K12002	11/12/00	11/12/00	DHS LUFT	P-01
Benzene	**75.8**	5.00	"	10	"	"	11/12/00	"	
Toluene	**6.18**	0.500	"	1	"	"	11/12/00	"	
Ethylbenzene	**0.549**	0.500	"	"	"	"	"	"	
Xylenes (total)	**14.9**	0.500	"	"	"	"	"	"	
Methyl tert-butyl ether	**81.5**	2.50	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*115 %*	*70-130*		"	"	"	"	
S-10 (MJK0239-03) Water Sampled: 11/02/00 11:59 Received: 11/03/00 16:18									
Purgeable Hydrocarbons	**536**	50.0	ug/l	1	0K12003	11/12/00	11/12/00	DHS LUFT	P-03
Benzene	**32.0**	0.500	"	"	"	"	"	"	
Toluene	**3.08**	0.500	"	"	"	"	"	"	
Ethylbenzene	ND	0.500	"	"	"	"	"	"	
Xylenes (total)	**2.98**	0.500	"	"	"	"	"	"	
Methyl tert-butyl ether	**42.3**	2.50	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*113 %*	*70-130*		"	"	"	"	

Sequoia Analytical

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Blaine Tech Services (Shell)	Project: 1800 Powell	
1680 Rogers Avenue	Project Number: 98995349	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	11/30/00 16:58

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

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S-12 (MJK0239-04) Water Sampled: 11/02/00 12:17 Received: 11/03/00 16:18									
Purgeable Hydrocarbons	**132**	50.0	ug/l	1	0K12003	11/12/00	11/12/00	DHS LUFT	P-03
Benzene	**0.642**	0.500	"	"	"	"	"	"	
Toluene	ND	0.500	"	"	"	"	"	"	
Ethylbenzene	ND	0.500	"	"	"	"	"	"	
Xylenes (total)	**1.07**	0.500	"	"	"	"	"	"	
Methyl tert-butyl ether	**1900**	125	"	50	"	"	11/13/00	"	M-03
Surrogate: a,a,a-Trifluorotoluene		*111 %*	*70-130*		"	"	*11/12/00*	"	
S-13 (MJK0239-05) Water Sampled: 11/02/00 11:37 Received: 11/03/00 16:18									
Purgeable Hydrocarbons	**257**	50.0	ug/l	1	0K12003	11/12/00	11/12/00	DHS LUFT	P-01
Benzene	**4.89**	0.500	"	"	"	"	"	"	
Toluene	**1.92**	0.500	"	"	"	"	"	"	
Ethylbenzene	ND	0.500	"	"	"	"	"	"	
Xylenes (total)	**5.17**	0.500	"	"	"	"	"	"	
Methyl tert-butyl ether	**45.1**	2.50	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*135 %*	*70-130*		"	"	"	"	*S-02*
S-14 (MJK0239-06) Water Sampled: 11/02/00 11:07 Received: 11/03/00 16:18									
Purgeable Hydrocarbons	**273**	50.0	ug/l	1	0K13004	11/13/00	11/13/00	DHS LUFT	P-03
Benzene	ND	0.500	"	"	"	"	"	"	
Toluene	ND	0.500	"	"	"	"	"	"	
Ethylbenzene	ND	0.500	"	"	"	"	"	"	
Xylenes (total)	**1.59**	0.500	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	2.50	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*81.8 %*	*70-130*		"	"	"	"	

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Blaine Tech Services (Shell)	Project: 1800 Powell	
1680 Rogers Avenue	Project Number: 98995349	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	11/30/00 16:58

Diesel Hydrocarbons (C9-C24) by DHS LUFT

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S-10 (MJK0239-03) Water	**Sampled: 11/02/00 11:59**	**Received: 11/03/00 16:18**							
Diesel Range Hydrocarbons	**14500**	1000	ug/l	20	0K13037	11/13/00	11/16/00	DHS LUFT	D-14
Surrogate: n-Pentacosane		*4.00 %*	*50-150*		"	"	"	"	*S-01*
S-12 (MJK0239-04) Water	**Sampled: 11/02/00 12:17**	**Received: 11/03/00 16:18**							
Diesel Range Hydrocarbons	**4000**	200	ug/l	4	0K13037	11/13/00	11/16/00	DHS LUFT	D-15
Surrogate: n-Pentacosane		*204 %*	*50-150*		"	"	"	"	*S-01*
S-13 (MJK0239-05) Water	**Sampled: 11/02/00 11:37**	**Received: 11/03/00 16:18**							
Diesel Range Hydrocarbons	**4240**	1000	ug/l	20	0K13037	11/13/00	11/16/00	DHS LUFT	D-15
Surrogate: n-Pentacosane		*270 %*	*50-150*		"	"	"	"	*S-01*
S-14 (MJK0239-06) Water	**Sampled: 11/02/00 11:07**	**Received: 11/03/00 16:18**							
Diesel Range Hydrocarbons	**535000**	2000	ug/l	40	0K13037	11/13/00	11/16/00	DHS LUFT	D-14
Surrogate: n-Pentacosane		*286 %*	*50-150*		"	"	"	"	*S-01*

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Blaine Tech Services (Shell)	Project: 1800 Powell	
1680 Rogers Avenue	Project Number: 98995349	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	11/30/00 16:58

MTBE Confirmation by EPA Method 8260A

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S-12 (MJK0239-04) Water Sampled: 11/02/00 12:17 Received: 11/03/00 16:18									
Methyl tert-butyl ether	**2230**	50.0	ug/l	50	0K27042	11/22/00	11/22/00	EPA 8260A	H-02
Surrogate: 1,2-Dichloroethane-d4		*108 %*	*70-130*		"	"	"	"	*H-02*

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Blaine Tech Services (Shell)	Project: 1800 Powell	
1680 Rogers Avenue	Project Number: 98995349	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	11/30/00 16:58

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0K12002 - EPA 5030B [P/T]										
Blank (0K12002-BLK1)				Prepared & Analyzed: 11/12/00						
Purgeable Hydrocarbons	ND	50.0	ug/l							
Benzene	ND	0.500	"							
Toluene	ND	0.500	"							
Ethylbenzene	ND	0.500	"							
Xylenes (total)	ND	0.500	"							
Methyl tert-butyl ether	ND	2.50	"							
Surrogate: a,a,a-Trifluorotoluene	*9.63*		"	*10.0*		*96.3*	*70-130*			
LCS (0K12002-BS1)				Prepared & Analyzed: 11/12/00						
Benzene	9.82	0.500	ug/l	10.0		98.2	70-130			
Toluene	10.1	0.500	"	10.0		101	70-130			
Ethylbenzene	9.09	0.500	"	10.0		90.9	70-130			
Xylenes (total)	27.7	0.500	"	30.0		92.3	70-130			
Surrogate: a,a,a-Trifluorotoluene	*9.69*		"	*10.0*		*96.9*	*70-130*			
Matrix Spike (0K12002-MS1)		**Source: MJK0256-01**		Prepared & Analyzed: 11/12/00						
Benzene	10.6	0.500	ug/l	10.0	ND	106	60-140			
Toluene	10.3	0.500	"	10.0	ND	100	60-140			
Ethylbenzene	10.2	0.500	"	10.0	ND	102	60-140			
Xylenes (total)	29.7	0.500	"	30.0	ND	98.5	60-140			
Surrogate: a,a,a-Trifluorotoluene	*9.98*		"	*10.0*		*99.8*	*70-130*			
Matrix Spike Dup (0K12002-MSD1)		**Source: MJK0256-01**		Prepared & Analyzed: 11/12/00						
Benzene	10.2	0.500	ug/l	10.0	ND	102	60-140	3.85	25	
Toluene	10.3	0.500	"	10.0	ND	100	60-140	0	25	
Ethylbenzene	9.86	0.500	"	10.0	ND	98.6	60-140	3.39	25	
Xylenes (total)	28.1	0.500	"	30.0	ND	93.2	60-140	5.54	25	
Surrogate: a,a,a-Trifluorotoluene	*10.4*		"	*10.0*		*104*	*70-130*			

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Blaine Tech Services (Shell)	Project: 1800 Powell	
1680 Rogers Avenue	Project Number: 98995349	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	11/30/00 16:58

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0K12003 - EPA 5030B [P/T]										
Blank (0K12003-BLK1)				Prepared & Analyzed: 11/12/00						
Purgeable Hydrocarbons	ND	50.0	ug/l							
Benzene	ND	0.500	"							
Toluene	ND	0.500	"							
Ethylbenzene	ND	0.500	"							
Xylenes (total)	ND	0.500	"							
Methyl tert-butyl ether	ND	2.50	"							
Surrogate: a,a,a-Trifluorotoluene	*8.49*		"	*10.0*		*84.9*	*70-130*			
LCS (0K12003-BS1)				Prepared & Analyzed: 11/12/00						
Purgeable Hydrocarbons	239	50.0	ug/l	250		95.6	70-130			
Surrogate: a,a,a-Trifluorotoluene	*12.9*		"	*10.0*		*129*	*70-130*			
Matrix Spike (0K12003-MS1)		**Source: MJK0289-08**		Prepared & Analyzed: 11/12/00						
Purgeable Hydrocarbons	234	50.0	ug/l	250	ND	93.6	60-140			
Surrogate: a,a,a-Trifluorotoluene	*11.2*		"	*10.0*		*112*	*70-130*			
Matrix Spike Dup (0K12003-MSD1)		**Source: MJK0289-08**		Prepared & Analyzed: 11/12/00						
Purgeable Hydrocarbons	249	50.0	ug/l	250	ND	99.6	60-140	6.21	25	
Surrogate: a,a,a-Trifluorotoluene	*11.9*		"	*10.0*		*119*	*70-130*			
Batch 0K13004 - EPA 5030B [P/T]										
Blank (0K13004-BLK1)				Prepared & Analyzed: 11/13/00						
Purgeable Hydrocarbons	ND	50.0	ug/l							
Benzene	ND	0.500	"							
Toluene	ND	0.500	"							
Ethylbenzene	ND	0.500	"							
Xylenes (total)	ND	0.500	"							
Methyl tert-butyl ether	ND	2.50	"							
Surrogate: a,a,a-Trifluorotoluene	*8.74*		"	*10.0*		*87.4*	*70-130*			

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Blaine Tech Services (Shell)	Project: 1800 Powell	
1680 Rogers Avenue	Project Number: 98995349	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	11/30/00 16:58

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

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0K13004 - EPA 5030B [P/T]										
LCS (0K13004-BS1)				Prepared & Analyzed: 11/13/00						
Purgeable Hydrocarbons	226	50.0	ug/l	250		90.4	70-130			
Surrogate: a,a,a-Trifluorotoluene	*7.92*		"	*10.0*		*79.2*	*70-130*			
Matrix Spike (0K13004-MS1)		**Source: MJK0285-01**		Prepared & Analyzed: 11/13/00						
Purgeable Hydrocarbons	234	50.0	ug/l	250	ND	93.6	60-140			
Surrogate: a,a,a-Trifluorotoluene	*8.25*		"	*10.0*		*82.5*	*70-130*			
Matrix Spike Dup (0K13004-MSD1)		**Source: MJK0285-01**		Prepared & Analyzed: 11/13/00						
Purgeable Hydrocarbons	212	50.0	ug/l	250	ND	84.8	60-140	9.87	25	
Surrogate: a,a,a-Trifluorotoluene	*7.94*		"	*10.0*		*79.4*	*70-130*			

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Blaine Tech Services (Shell)	Project: 1800 Powell	
1680 Rogers Avenue	Project Number: 98995349	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	11/30/00 16:58

Diesel Hydrocarbons (C9-C24) by DHS LUFT - Quality Control

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0K13037 - EPA 3510B										
Blank (0K13037-BLK1)				Prepared: 11/13/00 Analyzed: 11/14/00						
Diesel Range Hydrocarbons	ND	50.0	ug/l							
Surrogate: n-Pentacosane	*83.2*		"	*100*		*83.2*	*50-150*			
LCS (0K13037-BS1)				Prepared: 11/13/00 Analyzed: 11/14/00						
Diesel Range Hydrocarbons	859	50.0	ug/l				60-140			
Surrogate: n-Pentacosane	*88.7*		"	*100*		*88.7*	*50-150*			
Matrix Spike (0K13037-MS1)		**Source: MJK0238-03**		Prepared: 11/13/00 Analyzed: 11/14/00						
Diesel Range Hydrocarbons	1920	50.0	ug/l		1490		50-150			
Surrogate: n-Pentacosane	*86.1*		"	*100*		*86.1*	*50-150*			
Matrix Spike Dup (0K13037-MSD1)		**Source: MJK0238-03**		Prepared: 11/13/00 Analyzed: 11/14/00						
Diesel Range Hydrocarbons	1960	50.0	ug/l		1490		50-150	2.06	50	
Surrogate: n-Pentacosane	*87.5*		"	*100*		*87.5*	*50-150*			

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Blaine Tech Services (Shell)	Project: 1800 Powell	
1680 Rogers Avenue	Project Number: 98995349	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	11/30/00 16:58

MTBE Confirmation by EPA Method 8260A - Quality Control

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0K27042 - EPA 5030B [P/T]										
Blank (0K27042-BLK1)				Prepared & Analyzed: 11/22/00						
Methyl tert-butyl ether	ND	1.00	ug/l							
Surrogate: 1,2-Dichloroethane-d4	*10.9*		"	*10.0*		*109*	*70-130*			
LCS (0K27042-BS1)				Prepared & Analyzed: 11/22/00						
Methyl tert-butyl ether	8.84	1.00	ug/l	10.0		88.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	*10.3*		"	*10.0*		*103*	*70-130*			
Matrix Spike (0K27042-MS1)		**Source: MJK0256-05**		Prepared & Analyzed: 11/22/00						
Methyl tert-butyl ether	2870	50.0	ug/l	500	2480	78.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	*8.35*		"	*10.0*		*83.5*	*70-130*			
Matrix Spike Dup (0K27042-MSD1)		**Source: MJK0256-05**		Prepared & Analyzed: 11/22/00						
Methyl tert-butyl ether	2800	50.0	ug/l	500	2480	64.0	70-130	2.47	25	Q-07
Surrogate: 1,2-Dichloroethane-d4	*10.9*		"	*10.0*		*109*	*70-130*			

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Blaine Tech Services (Shell)	Project: 1800 Powell	
1680 Rogers Avenue	Project Number: 98995349	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	11/30/00 16:58

Notes and Definitions

D-14	Chromatogram Pattern: Weathered Diesel C9-C24
D-15	Chromatogram Pattern: Unidentified Hydrocarbons C9-C24
H-02	This sample was analyzed outside of EPA recommended hold time.
M-03	Sample was analyzed at a second dilution per clients request.
P-01	Chromatogram Pattern: Gasoline C6-C12
P-03	Chromatogram Pattern: Unidentified Hydrocarbons C6-C12
Q-07	The RPD value for this QC sample is above the established control limit. Review of associated QC indicates the high RPD does not represent an out-of-control condition for the batch.
S-01	The surrogate recovery for this sample is not available due to sample dilution required from high analyte concentration and/or matrix interferences.
S-02	The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

BLAINE
TECH SERVICES, INC.

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

CHAIN OF 001102-S1

CLIENT: Equiva - Karen Petryna

SITE: 1800 Powell
Emeryville, CA

LAB: Sequoia

DHS #

ALL ANALYSES MUST MEET SPECIFICATIONS AND DETECTION LIMITS SET BY CALIFORNIA DHS AND
☐ EPA ☐ RWQCB REGION ____
☐ LIA
☐ OTHER MJK02391

SPECIAL INSTRUCTIONS

Send invoice to Equiva

Incident # 98995349

Send report to Blaine Tech Services, Inc.

ATTN: ~~Ann Pember~~ Nick Sudano

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	ADD'L INFORMATION	STATUS	CONDITION	LAB SAMPLE #
S-3	11/2/00	1034	W	3		X	X							
S-8		1057	W	3		X	X							
S-10		1159	W	5		X	X		X			Confirm	Highest MTBE 3 12 5	
S-12		1219	W	5		X	X		X			Hit By 8260.		
S-13		1137	W	5		X	X		X					
S-14		1107	W	5		X	X		X					

CONDUCT ANALYSIS TO DETECT

SAMPLING COMPLETED	DATE	TIME	SAMPLING PERFORMED BY
	11/2/00	1217	M WEIR

RESULTS NEEDED NO LATER THAN

RELEASED BY	DATE	TIME	RECEIVED BY	DATE	TIME
M WEIR	11/2/00	8:28		11/3/00	8:28
	11/3/00		THOMAS M (MH)	11/3/00	12:15 pm

SHIPPED VIA	DATE SENT	TIME SENT	COOLER #

WELL GAUGING DATA

Project # 000102-S1 Date 1/2/00 Client Equiva 204-0495-0101

Site 1900 Powell St. Emeryville, 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	
S-5	2					9.55	12.40	TOB	✓
S-8	2	odor				9.45	18.40		✓
S-9	2			Well is dry		Filled with Tar			
S-10	6					7.05	19.80		✓
S-12	3					7.50	24.35		✓
S-13	3					7.45	19.75		✓
S-14	3					9.90	23		

EQUIVA WELL MONITORING DATA SHEET

BTS #: 050102-SC	Site: 204-2495-0101
Sampler: SC	Date: 11/2/05
Well I.D.: S-5	Well Diameter: 2 3 4 6 (8)
Total Well Depth: 12.40	Depth to Water: 6.55
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:

10.05 (Gals.) X 3 = 30.15 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 8"	radius² * 0.163 2.61

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
1025	72.4	6.8	2192	169	10.05	clear
1027	72.5	6.8	2189	74	20.10	"
1029	72.8	6.8	2150	12	30.15	"

Did well dewater? Yes (No) Gallons actually evacuated: 31

Sampling Time: 1034 Sampling Date: 11/2/05

Sample I.D.: S-5 Laboratory: (Sequoia) Columbia Other

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

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

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

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

EQUIVA WELL MONITORING DATA SHEET

BTS #: 000102-5C	Site: ZT 204-2435-0101
Sampler: Steve	Date: 11/2/00
Well I.D.: 5-8	Well Diameter: 2 (3) 4 6 8 ____
Total Well Depth: 18.60	Depth to Water: 9.45
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC ~~Grade~~	D.O. Meter (if req'd): YSI HACH

Purge Method:

- Bailer
- Disposable Bailer
- Middleburg
- ~~Electric Submersible~~
- Waterra
- Peristaltic
- Extraction Pump
- Other ____

Sampling Method: ~~Bailer~~

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

3.39 (Gals.) X 3 = 10.15 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
1045	73.0	6.7	2383	42	3.50	clear
1046	74.1	6.7	2659	12	7.00	"
1047	74.5	6.8	2941	26	11.15	"
1048	73.8	6.9	3012	72	14.45	"

Did well dewater? Yes (No) Gallons actually evacuated: 15

Sampling Time: 1052 Sampling Date: 11/2/00

Sample I.D.: 5-8 Laboratory: ~~Sequoia~~ Columbia Other ____

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

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

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

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

EQUIVA WELL MONITORING DATA SHEET

BTS #: 001102-S1	Site: 204-1445-0101
Sampler: Sch	Date: 11/3/00
Well I.D.: S-10	Well Diameter: 2 ③ 4 ⑥ 8 ___
Total Well Depth: 18.60	Depth to Water: 7.05
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	D.O. Meter (if req'd): YSI HACH

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

Sampling Method: Bailer
- Disposable Bailer
- Extraction Port
- Dedicated Tubing
- Other: ___________

18.45 ~~4.64~~ (Gals.) X 3 = 55.35 ~~13.93~~ 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
1150	70.6	6.6	755.8	23	19	clear
1152	72.5	6.7	1245	9	38	"
1154	72.6	6.8	1021	7200	56	Cloudy
1156	72.3	7.0	1523	7200	75	"

Did well dewater? Yes (No)	Gallons actually evacuated: 75
Sampling Time: 1159	Sampling Date: 11/3/00
Sample I.D.: S-10	Laboratory: (Sequoia) Columbia Other___________
Analyzed for: TPH-G BTEX MTBE TPH-D	Other:
EB I.D. (if applicable): @ Time	Duplicate I.D. (if applicable):
Analyzed for: TPH-G BTEX MTBE TPH-D	Other:

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

EQUIVA WELL MONITORING DATA SHEET

BTS #: 001101-SL	Site: # 204-2495-0101
Sampler: SLK	Date: 11/2/00
Well I.D.: S-12	Well Diameter: 2 (3) 4 6 8 ___
Total Well Depth: 24.35	Depth to Water: 7.50
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: ___

6.23 (Gals.) X 3 = 18.70 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
1210	70.9	6.6	1903	122	6.50	clear
1211	70.1	6.7	2135	33	13.00	"
1212	69.5	6.7	2023	5	19.00	"

Did well dewater? Yes (No)	Gallons actually evacuated: 19
Sampling Time: 1217	Sampling Date: 11/2/00
Sample I.D.: S-12	Laboratory: (Sequoia) Columbia Other ___
Analyzed for: (TPH-G BTEX MTBE TPH-D)	Other:
EB I.D. (if applicable): @ Time	Duplicate I.D. (if applicable):
Analyzed for: TPH-G BTEX MTBE TPH-D	Other:
D.O. (if req'd): Pre-purge: mg/L	Post-purge: mg/L
O.R.P. (if req'd): Pre-purge: mV	Post-purge: mV

EQUIVA WELL MONITORING DATA SHEET

BTS #: 050102.5	Site: 204-2495-0101
Sampler:	Date: 4/2/00
Well I.D.: S-13	Well Diameter: 2 (3) 4 6 8 ___
Total Well Depth: 19.35	Depth to Water: 7.15
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: _____

4.66 (Gals.) 1 Case Volume X 3 Specified Volumes = 13.99 Gals. 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
1130	70.3	7.1	4926	7200	5	Turbid / Foamy
1131	71.8	7.1	4322	7200	10	11
1132	71.4	7.0	9025	7200	15	11
1133	72.0	7.0	9638	7200	20	11

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

Sampling Time: 1137 Sampling Date: 4/2/00

Sample I.D.: S-13 Laboratory: (Sequoia) Columbia Other_____

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

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

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

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

EQUIVA WELL MONITORING DATA SHEET

BTS #: 000182-99	Site: 204-2495-0101
Sampler: SMC	Date: 11/2/00
Well I.D.: S-14	Well Diameter: 2 (3) 4 6 8 ___
Total Well Depth: 23.58	Depth to Water: 7.98
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: ___

5.14 (Gals.) X	3	=	15.43 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
1100	69.0	6.9	5949	7100	5.14	Turbid / odor
1101	69.2	6.8	5541	7100	10.29	"
1102	69.1	6.9	5693	7100	15.43	"
1103	69.2	7.0	6421	7100	20.57	"

Did well dewater? Yes (No) Gallons actually evacuated: 21

Sampling Time: 1105 Sampling Date: 11/2/00

Sample I.D.: S-14 Laboratory: ~~Sequoia~~ Columbia Other ___

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

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

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

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