ENVIRONMENTAL MANAGEMENT, INC.

Hope to do Geoprobes / SV sampling later in April '01.

November 17, 2000
Project No. C80-000930G1

Ms. Eva Chu
Alameda County Health Services Agency
1131 Harbor Bay Parkway, 2nd Floor
Alameda, California 94502-6577

Re: **Semiannual Monitoring Report – Fourth Quarter 2000**
Former Texaco Service Station
930 Springtown Boulevard at Lassen Road
Livermore, California
Incident No. 91995053

Dear Ms. Chu:

On behalf of Equiva Services LLC, Blaine Tech Services (Blaine) performed semiannual (4th quarter) groundwater monitoring and sampling at the direction of KHM Environmental Management, Inc. (KHM) at the above-referenced site on October 16, 2000.

Depth to groundwater was measured in Wells MW-A, MW-B, MW-1 through MW-5, and MW-8. Groundwater elevation data and contours are presented on Figure 1.

Groundwater samples were collected from Wells MW-A, MW-B, MW-1 through MW-5, and MW-8. Samples were submitted by Blaine to Sequoia Analytical in Morgan Hill, California for analysis for total purgeable petroleum hydrocarbons as gasoline (TPPH); benzene, toluene, ethylbenzene, total xylenes (BTEX compounds); and methyl tert-butyl ether (MTBE) using EPA Method 8015 (modified) and 8020. Samples collected from Well MW-A were analyzed using EPA Method 8260A to evaluate the presence of MTBE. TPPH, benzene, and MTBE concentrations are presented on Figures 2 through 4, respectively.

Blaine's groundwater monitoring and sampling report, which includes historical and current groundwater elevation data, historical and current analytical results, and field data records for the current monitoring event, is included as Attachment A.

DISCUSSION

Currently, KHM is obtaining authorization to access the former Texaco service station property for the purpose of implementing IT Corporation's *Addendum to Work Plan for Soil Sampling* dated January 18, 2000 and conducting a test-run of the soil vapor extraction (SVE) system. Alameda County Health Services Agency (ACHSA) in a letter dated January 21, 2000 requested the collection of additional soil analytical data to characterize residual petroleum hydrocarbons in the vadose zone. Additional soil and soil vapor data will also be collected and used in the preparation of a risk based corrective action (RBCA) Tier 2 analysis to evaluate the potential health risk to local businesses and residents. KHM intends to perform a test-run of the SVE system to investigate whether petroleum hydrocarbons detected in selected wells warrant resuming operation of the SVE system.

Please call if you have any questions regarding the contents of this letter.

Sincerely,
KHM Environmental Management, Inc.

REGISTERED GEOLOGIST
R. LEE DOOLEY
No. 0183
CERTIFIED
HYDROGEOLOGIST
EXP. 04/01
STATE OF CALIFORNIA

R. Lee Dooley
Senior Hydrogeologist
CHG 0183

Ldooley@khml.com

Attachments: Figure 1 – Groundwater Elevation Contour Map
Figure 2 – TPPH Concentration Map
Figure 3 – Benzene Concentration Map
Figure 4 – MTBE Concentration Map
Attachment A – Groundwater Monitoring and Sampling Report

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

4/5/01 - Trying to get access agreement from 7-11.
lawyers are okay document -
3 Geoprobed. Maybe within

BLAINE
TECH SERVICES, INC.

1680 ROGERS AVENUE
SAN JOSE, CA 95112-1105
(408) 573-7771 FAX
(408) 573-0555 PHONE
CONTRACTOR'S LICENSE #746684
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November 13, 2000

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

Fourth Quarter 2000 Groundwater Monitoring at
Former Texaco Service Station
930 Springtown Blvd.
Livermore, CA

Monitoring performed on October 16, 2000

Groundwater Monitoring Report **001016-R-2**

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

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

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

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

Please call if you have any questions.

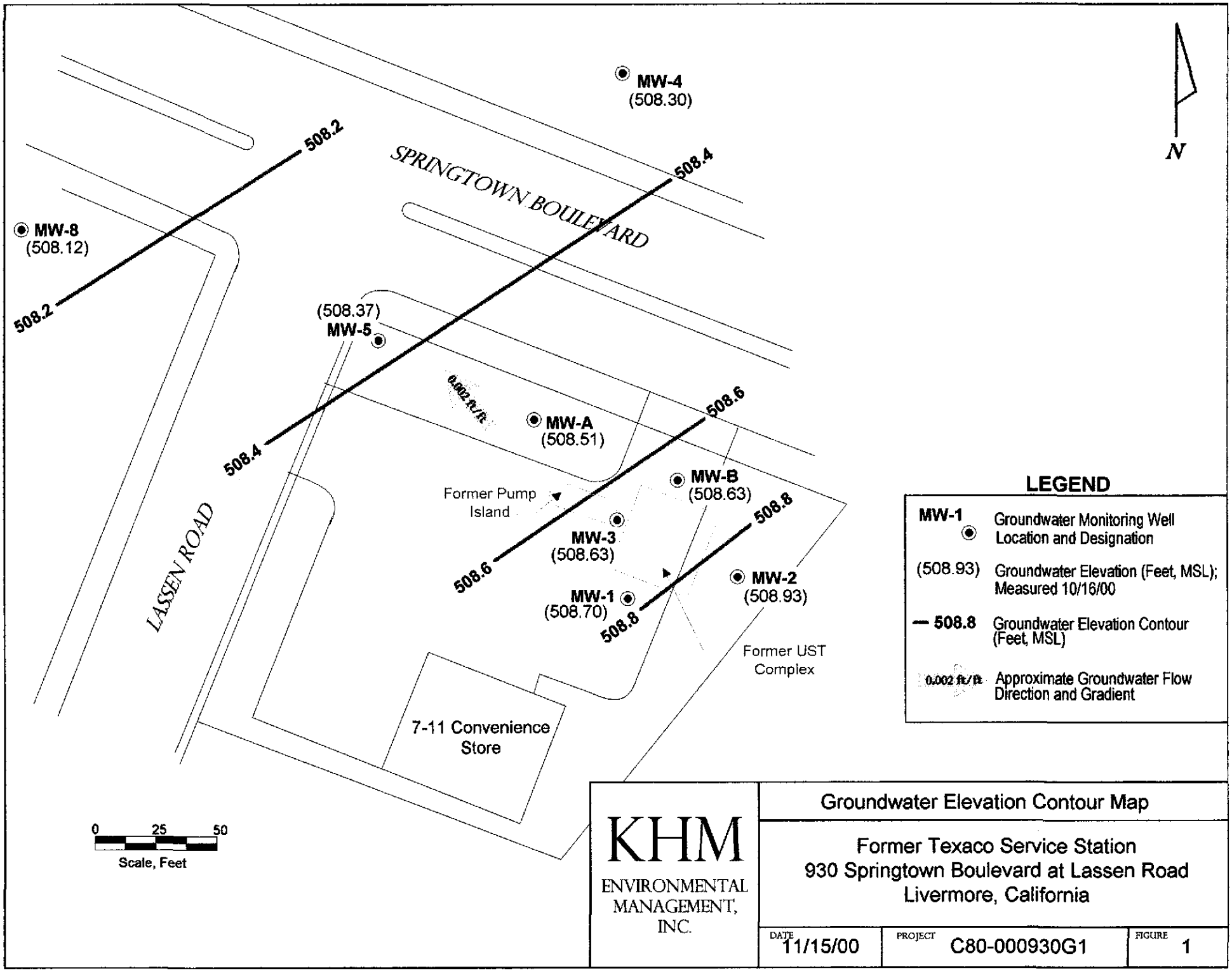
Yours truly,

Deidre Kerwin
Operations Manager

DK/jt

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

cc: Janet Yantis
KHM Environmental
6234 San Ignacio Avenue, Suite E
San Jose, CA 95119



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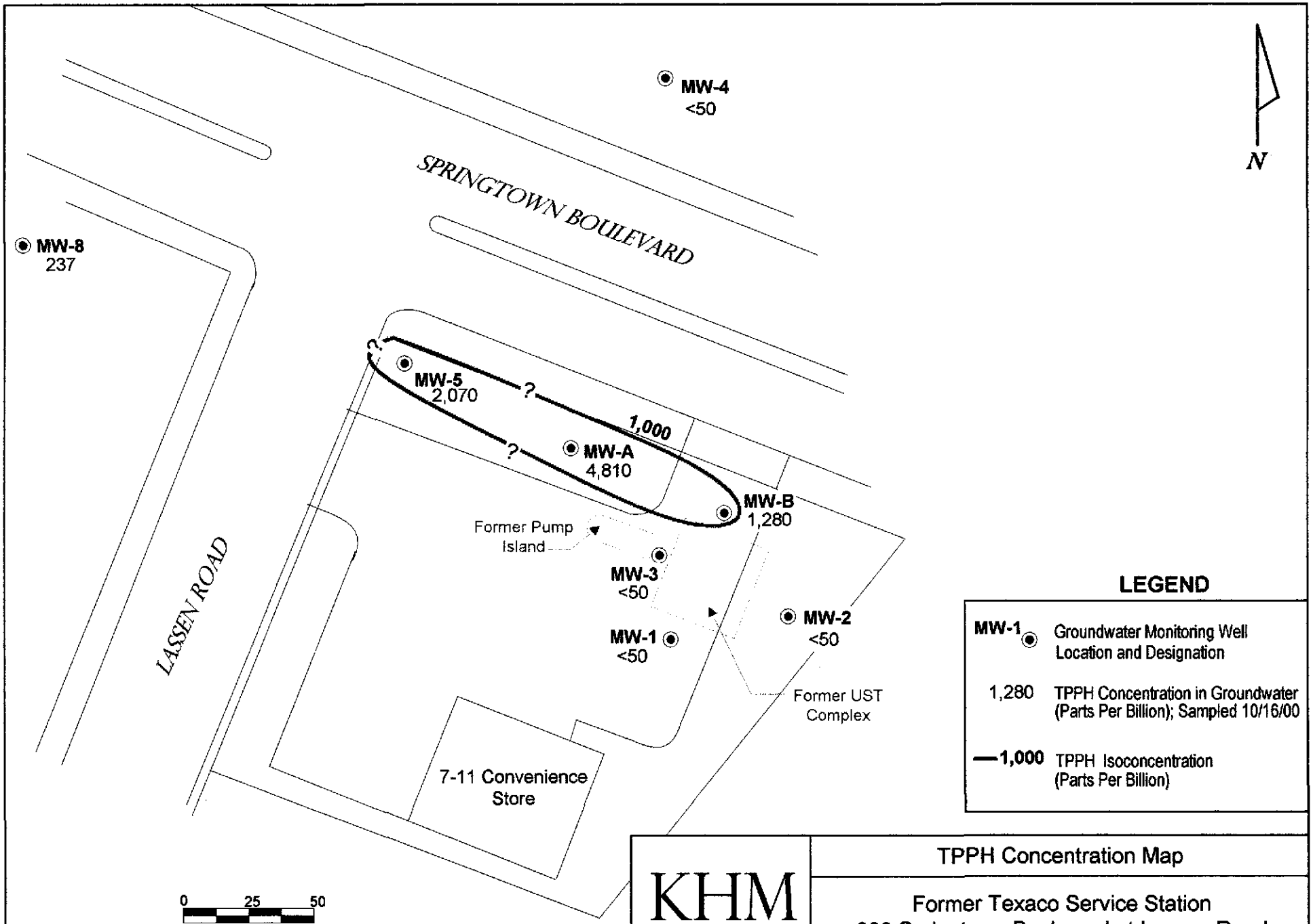
ENVIRONMENTAL MANAGEMENT, INC.

Groundwater Elevation Contour Map

Former Texaco Service Station
930 Springtown Boulevard at Lassen Road
Livermore, California

DATE	PROJECT	FIGURE
11/15/00	C80-000930G1	1



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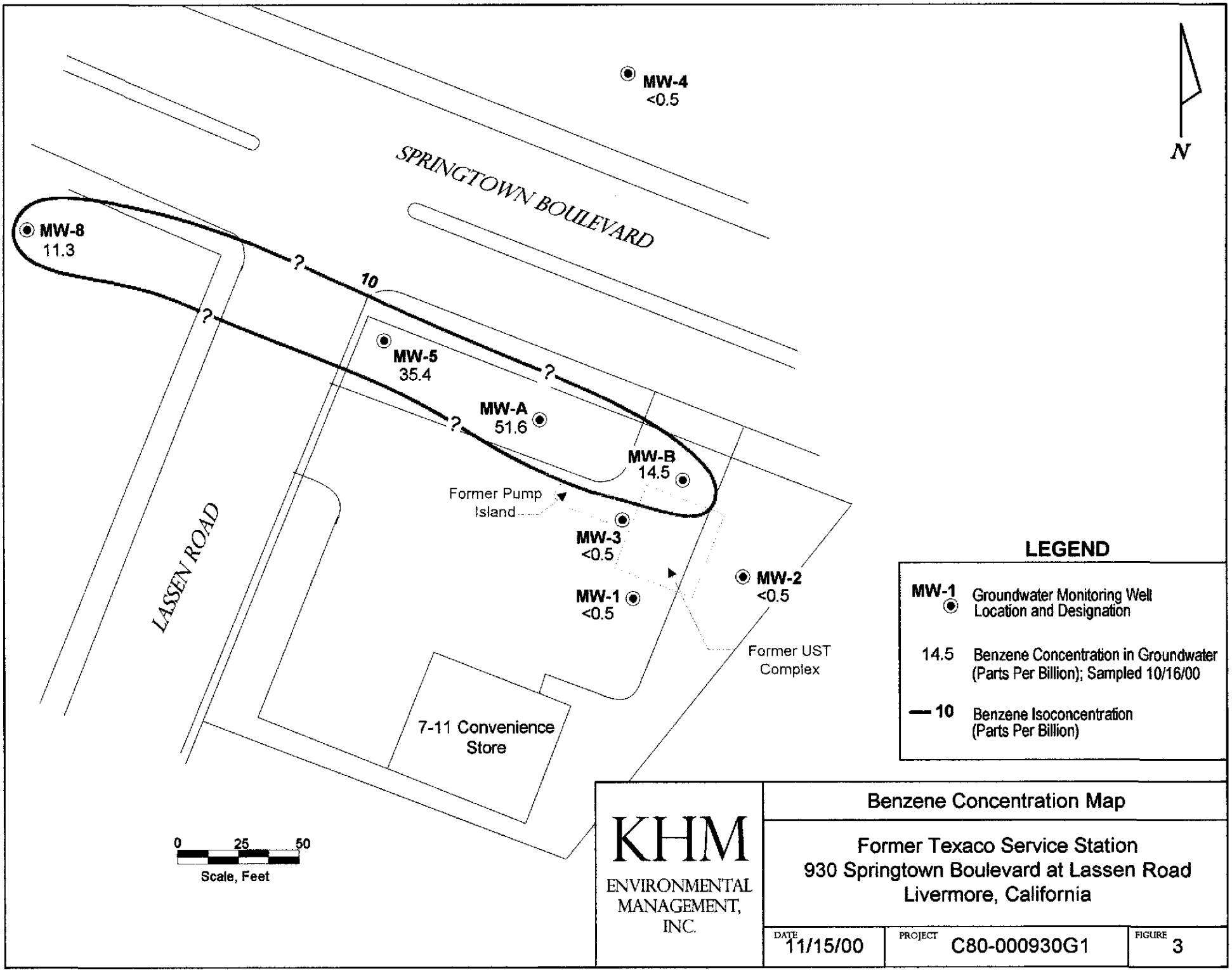
TPPH Concentration Map

Former Texaco Service Station
930 Springtown Boulevard at Lassen Road
Livermore, California

DATE	PROJECT	FIGURE
11/15/00	C80-000930G1	2



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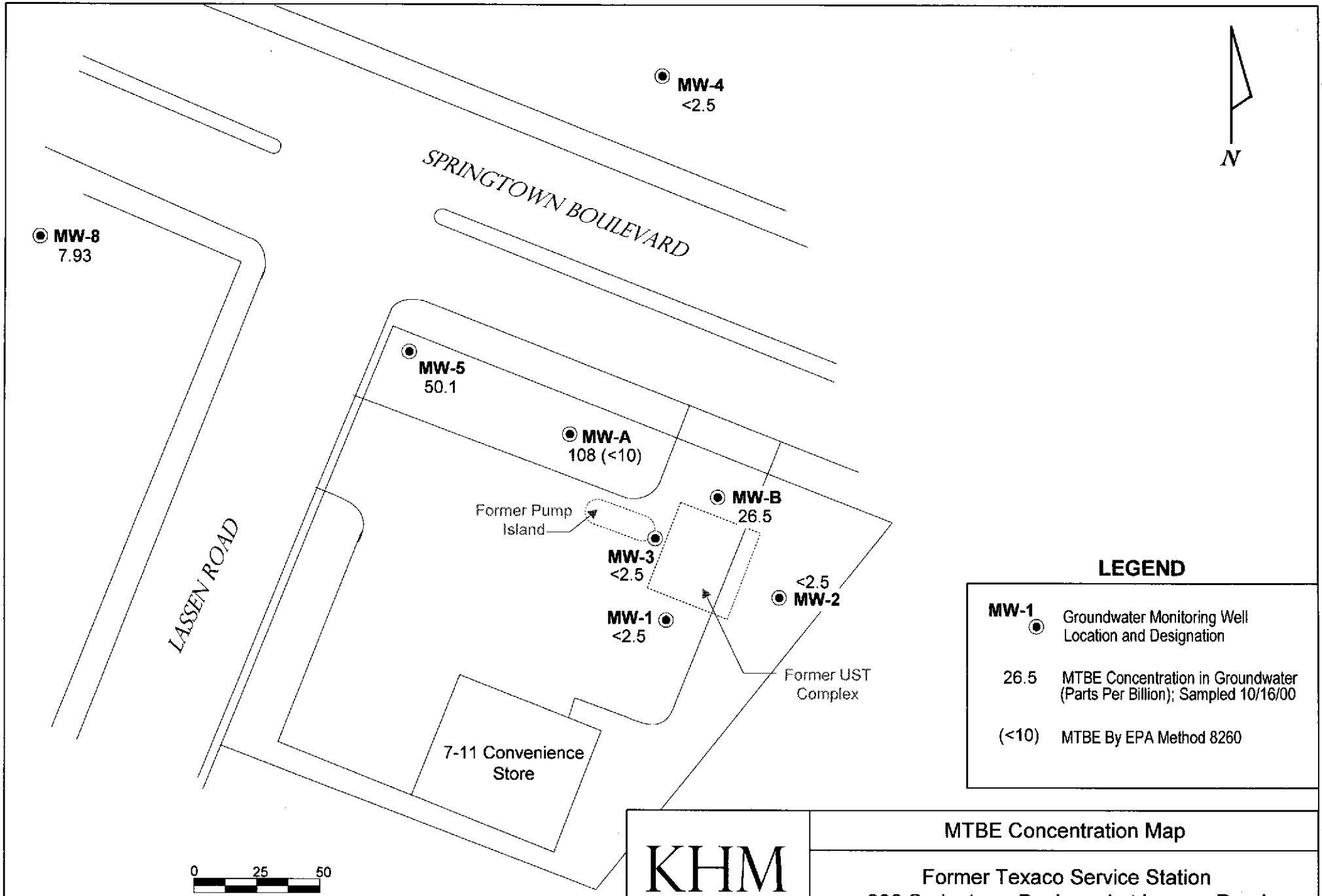
INC.

Benzene Concentration Map

Former Texaco Service Station
930 Springtown Boulevard at Lassen Road
Livermore, California

DATE	PROJECT	FIGURE
11/15/00	C80-000930G1	3



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MTBE Concentration Map

Former Texaco Service Station
930 Springtown Boulevard at Lassen Road
Livermore, California

DATE	PROJECT	FIGURE
11/15/00	C80-000930G1	4

ATTACHMENT A

GROUNDWATER MONITORING AND SAMPLING REPORT

WELL CONCENTRATIONS
Former Texaco Service Station
930 Springtown Boulevard
Livermore, CA

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
MW-A	01/02/1992	NA	NA	NA	NA	NA	NA	NA	520.10	13.61	506.49
MW-A	04/02/1992	27000	1200	570	1700	2300	NA	NA	520.10	12.44	507.66
MW-A	07/21/1992	57000	1500	1800	2700	7100	NA	NA	520.10	13.35	506.75
MW-A	10/09/1992	56000	2900	2600	4600	12000	NA	NA	520.10	12.92	507.18
MW-A	01/11/1993	NA	NA	NA	NA	NA	NA	NA	520.10	11.78	508.32
MW-A	05/05/1993	NA	NA	NA	NA	NA	NA	NA	520.10	11.39	508.71
MW-A	08/09/1993	NA	NA	NA	NA	NA	NA	NA	520.10	12.80	507.30
MW-A	10/14/1993	NA	NA	NA	NA	NA	NA	NA	520.10	13.48	506.62
MW-A	01/24/1994	1400000	6900	2100	15000	38000	NA	NA	520.10	12.74	507.36
MW-A	05/31/1994	48000	1200	900	1900	4200	NA	NA	520.10	12.28	507.82
MW-A	08/31/1994	24000	140	120	830	1500	NA	NA	520.10	13.20	506.90
MW-A	11/02/1994	15000	230	360	1100	1800	NA	NA	520.10	13.15	506.95
MW-A	02/20/1995	12000	290	330	570	1300	NA	NA	520.10	11.71	508.39
MW-A	05/09/1995	1200	6.1	5.9	12	15	NA	NA	520.10	12.37	507.73
MW-A	08/21/1995	9600	85	140	250	860	160	NA	520.10	11.37	508.73
MW-A	10/20/1995	360	5.2	7.9	15	43	NA	NA	520.10	12.04	508.06
MW-A	02/07/1996	6100	130	180	320	840	NA	NA	520.10	10.11	509.99
MW-A	04/30/1996	410	1.2	0.67	1.2	1.5	NA	NA	520.10	10.28	509.82
MW-A	08/14/1996	3000	65	75	170	460	57	NA	520.10	10.82	509.28
MW-A	11/22/1996	6300	100	170	310	710	64	NA	520.10	10.97	509.13
MW-A	02/14/1997	8100	140	180	700	1600	<300	NA	520.10	10.00	510.10
MW-A	05/23/1997	24000	340	520	1600	3800	<2000	NA	520.10	11.36	508.74
MW-A	07/25/1997	440	<0.5	<0.5	<0.5	<0.5	<30	NA	520.10	11.66	508.44
MW-A	10/31/1997	3700	21	48	200	430	35	NA	520.10	11.56	508.54
MW-A	02/06/1998	1500	2.1	4.4	55	77	<30	NA	520.10	9.00	511.10
MW-A	05/19/1998	32000	310	380	1800	3700	1300	NA	520.10	9.85	510.25

WELL CONCENTRATIONS
Former Texaco Service Station
930 Springtown Boulevard
Livermore, CA

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
MW-A	07/31/1998	<50	<0.5	<0.5	<0.5	<0.5	<2.5	NA	520.10	10.04	510.06
MW-A	11/04/1998	15000	86	180	960	1800	<50	<50	520.10	11.09	509.01
MW-A	11/11/1999	1010	4.72	<2.50	26.1	59.9	87.6	<0.500	520.10	11.39	508.71
MW-A	04/03/2000	12800	23.8	54.9	704	1070	242	NA	520.10	10.41	509.69
MW-A	**10/16/2000**	**4810**	**51.6**	**<20.0**	**251**	**434**	**108**	**<10.0**	**520.10**	**11.59**	**508.51**
MW-B	01/02/1992	NA	NA	NA	NA	NA	NA	NA	518.05	11.27	506.78
MW-B	04/02/1992	1900	ND	39	24	35	NA	NA	518.05	10.18	507.87
MW-B	07/21/1992	16000	180	1600	270	1100	NA	NA	518.05	11.27	506.78
MW-B	10/09/1992	38000	490	8300	1400	5100	NA	NA	518.05	11.64	506.41
MW-B	01/11/1993	NA	NA	NA	NA	NA	NA	NA	518.05	9.65	508.40
MW-B	05/05/1993	NA	NA	NA	NA	NA	NA	NA	518.05	9.28	508.77
MW-B	08/09/1993	NA	NA	NA	NA	NA	NA	NA	518.05	11.02	507.03
MW-B	10/14/1993	NA	NA	NA	NA	NA	NA	NA	518.05	11.34	506.71
MW-B	01/24/1994	23000	110	1700	600	1900	NA	NA	518.05	10.54	507.51
MW-B	05/31/1994	13000	780	310	370	1400	NA	NA	518.05	10.19	507.86
MW-B	08/31/1994	35000	160	2800	1000	4500	NA	NA	518.05	10.98	507.07
MW-B	11/02/1994	2500	170	3200	1100	4700	NA	NA	518.05	10.90	507.15
MW-B	02/20/1995	10000	46	1400	330	1200	NA	NA	518.05	9.47	508.58
MW-B	05/09/1995	4100	9.1	47	26	30	NA	NA	518.05	10.58	507.47
MW-B	08/21/1995	4000	9.6	110	120	270	98	NA	518.05	9.34	508.71
MW-B	10/20/1995	9300	35	1300	370	1300	NA	NA	518.05	9.83	508.22
MW-B	02/07/1996	8900	33	700	110	360	NA	NA	518.05	7.85	510.20
MW-B	04/30/1996	5500	17	460	120	400	NA	NA	518.05	8.02	510.03
MW-B	08/14/1996	9000	<5	260	120	320	<300	NA	518.05	8.66	509.39
MW-B	11/22/1996	560000	56	2400	1600	5500	<3000	NA	518.05	8.70	509.35
MW-B	02/14/1997	4600	5.2	110	72	210	<300	NA	518.05	7.75	510.30

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Former Texaco Service Station
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Livermore, CA

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
MW-B	05/23/1997	34000	75	1700	590	2100	1800	NA	518.05	9.05	509.00
MW-B	07/25/1997	39000	250	5200	1600	5900	<800	NA	518.05	9.37	508.68
MW-B	10/31/1997	36000	130	2600	1200	4800	<800	NA	518.05	9.29	508.76
MW-B	02/06/1998	4800	10	120	72	200	<80	NA	518.05	6.68	511.37
MW-B	05/19/1998	25000	200	900	410	1600	570	NA	518.05	7.57	510.48
MW-B	07/31/1998	580	<0.5	<0.5	<0.5	<0.5	14	NA	518.05	8.03	510.02
MW-B	11/04/1998	24000	150	1400	850	2400	<50	<66	518.05	8.85	509.20
MW-B	11/11/1999	685	7.22	14.7	6.10	17.8	<12.5	NA	518.05	9.03	509.02
MW-B	04/03/2000	9250	106	477	346	1320	231	<1.00a	518.05	8.14	509.91
MW-B	**10/16/2000**	**1280**	**14.5**	**13.8**	**13.3**	**38.8**	**26.5**	**NA**	**518.05**	**9.42**	**508.63**

MW-1	01/02/1992	16	6	ND	ND	ND	NA	NA	520.61	14.11	506.50
MW-1	04/02/1992	ND	ND	ND	ND	ND	NA	NA	520.61	12.98	507.63
MW-1	07/21/1992	<50	3.2	<0.5	<0.5	<0.5	NA	NA	520.61	13.92	506.69
MW-1	10/09/1992	<50	8.5	<0.5	<0.5	<0.5	NA	NA	520.61	14.25	506.36
MW-1	01/11/1993	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	520.61	12.30	508.31
MW-1	05/05/1993	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	520.61	11.88	508.73
MW-1	08/09/1993	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	520.61	13.63	506.98
MW-1	10/14/1993	440	16	2.9	2.9	11	NA	NA	520.61	13.91	506.70
MW-1	01/24/1993	NA	NA	NA	NA	NA	NA	NA	520.61	13.12	507.49
MW-1	05/31/1994	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	520.61	12.74	507.87
MW-1	08/31/1994	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	520.61	13.68	506.93
MW-1	11/02/1994	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	520.61	13.48	507.13
MW-1	02/20/1995	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	520.61	12.02	508.59
MW-1	05/09/1995	450	22	25	23	100	NA	NA	520.61	12.83	507.78
MW-1	08/21/1995	58	<0.5	1.5	1.8	4.5	<10	NA	520.61	11.93	508.68
MW-1	10/20/1995	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	520.61	12.40	508.21

WELL CONCENTRATIONS
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Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
MW-1	02/07/1996	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	520.61	10.42	510.19
MW-1	04/30/1996	NA	NA	NA	NA	NA	NA	NA	520.61	10.48	510.13
MW-1	08/14/1996	<50	<0.5	<0.5	<0.5	<0.5	<30	NA	520.61	11.18	509.43
MW-1	11/22/1996	NA	NA	NA	NA	NA	NA	NA	520.61	11.10	509.51
MW-1	02/14/1997	<50	<0.5	<0.5	<0.5	<0.5	<30	NA	520.61	10.25	510.36
MW-1	05/23/1997	NA	NA	NA	NA	NA	NA	NA	520.61	11.48	509.13
MW-1	07/25/1997	<50	<0.5	<0.5	<0.5	<0.5	<30	NA	520.61	11.99	508.62
MW-1	10/31/1997	NA	NA	NA	NA	NA	NA	NA	520.61	11.74	508.87
MW-1	02/06/1998	<50	<0.5	<0.5	<0.5	<0.5	<30	NA	520.61	9.27	511.34
MW-1	05/19/1998	NA	NA	NA	NA	NA	NA	NA	520.61	10.51	510.10
MW-1	07/31/1998	<50	<0.5	<0.5	<0.5	<0.5	<2.5	NA	520.61	10.41	510.20
MW-1	11/04/1998	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	520.61	11.32	509.29
MW-1	11/11/1999	82.5	6.35	7.08	4.76	10.9	3.13	1.08	520.61	11.54	509.07
MW-1	04/03/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	520.61	10.65	509.96
MW-1	**10/16/2000**	**<50.0**	**<0.500**	**<0.500**	**<0.500**	**<0.500**	**<2.50**	**NA**	**520.61**	**11.91**	**508.70**
MW-2	01/02/1992	ND	ND	ND	ND	ND	NA	NA	518.29	11.96	506.33
MW-2	04/02/1992	ND	ND	ND	ND	ND	NA	NA	518.29	10.89	507.40
MW-2	07/21/1992	NA	NA	NA	NA	NA	NA	NA	518.29	11.55	506.74
MW-2	05/31/1994	NA	NA	NA	NA	NA	NA	NA	518.29	10.37	507.92
MW-2	08/31/1994	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	518.29	11.16	507.13
MW-2	11/02/1994	NA	NA	NA	NA	NA	NA	NA	518.29	11.07	507.22
MW-2	02/20/1995	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	518.29	9.66	508.63
MW-2	05/09/1995	NA	NA	NA	NA	NA	NA	NA	518.29	10.14	508.15
MW-2	08/21/1995	<50	<0.5	<0.5	<0.5	<0.5	<10	NA	518.29	9.58	508.71
MW-2	10/20/1995	NA	NA	NA	NA	NA	NA	NA	518.29	9.91	508.38
MW-2	02/07/1996	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	518.29	8.00	510.29

WELL CONCENTRATIONS
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Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
MW-2	04/30/1996	NA	NA	NA	NA	NA	NA	NA	518.29	8.21	510.08
MW-2	08/14/1996	<50	<0.5	<0.5	<0.5	<0.5	<30	NA	518.29	8.88	509.41
MW-2	11/22/1996	NA	NA	NA	NA	NA	NA	NA	518.29	8.88	509.41
MW-2	02/14/1997	<50	<0.5	<0.5	<0.5	<0.5	<30	NA	518.29	7.92	510.37
MW-2	05/23/1997	NA	NA	NA	NA	NA	NA	NA	518.29	9.25	509.04
MW-2	07/25/1997	<50	<0.5	<0.5	<0.5	<0.5	<30	NA	518.29	9.51	508.78
MW-2	10/31/1997	NA	NA	NA	NA	NA	NA	NA	518.29	9.30	508.99
MW-2	02/06/1998	<50	<0.5	<0.5	<0.5	1.4	<30	NA	518.29	6.88	511.41
MW-2	05/19/1998	NA	NA	NA	NA	NA	NA	NA	518.29	8.35	509.94
MW-2	07/31/1998	<50	<0.5	<0.5	<0.5	<0.5	<2.5	NA	518.29	8.14	510.15
MW-2	11/04/1998	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	518.29	9.00	509.29
MW-2	11/11/1999	65.8	6.34	7.04	4.71	10.8	3.21	1.04	518.29	9.19	509.10
MW-2	04/03/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	518.29	8.31	509.98
MW-2	**10/16/2000**	**<50.0**	**<0.500**	**<0.500**	**<0.500**	**<0.500**	**<2.50**	**NA**	**518.29**	**9.36**	**508.93**
MW-3	01/02/1992	340	0.4	ND	ND	ND	NA	NA	519.60	12.87	506.73
MW-3	04/02/1992	160	5	ND	0.3	0.5	NA	NA	519.60	11.97	507.63
MW-3	07/21/1992	260	1.7	<0.5	<0.5	<0.5	NA	NA	519.60	12.60	507.00
MW-3	10/09/1992	88	<0.5	<0.5	<0.5	<0.5	NA	NA	519.60	12.93	506.67
MW-3	01/11/1993	130	<0.5	<0.5	<0.5	<0.5	NA	NA	519.60	11.16	508.44
MW-3	05/05/1993	340	1.8	<0.5	1.3	<0.5	NA	NA	519.60	10.72	508.88
MW-3	08/09/1993	610	18	<0.5	2.4	0.9	NA	NA	519.60	12.34	507.26
MW-3	10/14/1993	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	519.60	12.71	506.89
MW-3	01/24/1994	320	3.5	<0.5	<0.5	<0.5	NA	NA	519.60	12.03	507.57
MW-3	05/31/1994	830	11	12	5.0	1.2	NA	NA	519.60	11.54	508.06
MW-3	08/31/1994	660	2	<0.5	1	<0.5	NA	NA	519.60	12.60	507.00
MW-3	11/02/1994	1500	260	36	34	76	NA	NA	519.60	12.16	507.44

WELL CONCENTRATIONS
Former Texaco Service Station
930 Springtown Boulevard
Livermore, CA

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
MW-3	02/20/1995	410	1.2	1.9	1.4	2.2	NA	NA	519.60	11.05	508.55
MW-3	05/09/1995	730	23	43	21	95	NA	NA	519.60	11.97	507.63
MW-3	08/21/1995	<50	<0.5	<0.5	<0.5	<0.5	<10	NA	519.60	7.60	512.00
MW-3	10/20/1995	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	519.60	11.46	508.14
MW-3	02/07/1996	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	519.60	9.42	510.18
MW-3	04/30/1996	NA	NA	NA	NA	NA	NA	NA	519.60	9.60	510.00
MW-3	08/14/1996	<50	<0.5	0.60	<0.5	<0.5	<30	NA	519.60	10.24	509.36
MW-3	11/22/1996	NA	NA	NA	NA	NA	NA	NA	519.60	10.34	509.26
MW-3	02/14/1997	<50	<0.5	<0.5	<0.5	<0.5	<30	NA	519.60	9.38	510.22
MW-3	05/23/1997	NA	NA	NA	NA	NA	NA	NA	519.60	10.67	508.93
MW-3	07/25/1997	<50	<0.5	<0.5	<0.5	<0.5	<30	NA	519.60	11.11	508.49
MW-3	10/31/1997	NA	NA	NA	NA	NA	NA	NA	519.60	10.86	508.74
MW-3	02/06/1998	63	1.5	2.8	0.77	8.6	<30	NA	519.60	8.41	511.19
MW-3	05/19/1998	NA	NA	NA	NA	NA	NA	NA	519.60	9.40	510.20
MW-3	07/31/1998	<50	<0.5	<0.5	<0.5	<0.5	<2.5	NA	519.60	9.04	510.56
MW-3	11/04/1998	230	11	7.2	7.6	33	18	14	519.60	10.45	509.15
MW-3	11/11/1999	569	103	47.1	14.1	29.6	521	604	519.60	10.73	508.87
MW-3	04/03/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	519.60	9.78	509.82
MW-3	**10/16/2000**	**<50.0**	**<0.500**	**<0.500**	**<0.500**	**<0.500**	**<2.50**	**NA**	**519.60**	**10.97**	**508.63**
MW-4	01/02/1992	ND	ND	ND	ND	ND	NA	NA	518.79	12.22	506.57
MW-4	04/02/1992	ND	ND	ND	ND	ND	NA	NA	518.79	11.03	507.76
MW-4	07/21/1992	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	518.79	12.36	506.43
MW-4	10/09/1992	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	518.79	12.40	506.39
MW-4	01/11/1993	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	518.79	10.72	508.07
MW-4	05/05/1993	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	518.79	10.21	508.58
MW-4	08/09/1993	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	518.79	12.25	506.54

WELL CONCENTRATIONS
Former Texaco Service Station
930 Springtown Boulevard
Livermore, CA

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
MW-4	10/14/1993	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	518.79	12.58	506.21
MW-4	01/24/1994	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	518.79	11.72	507.07
MW-4	05/31/1994	NA	NA	NA	NA	NA	NA	NA	518.79	11.29	507.50
MW-4	08/31/1994	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	518.79	12.00	506.79
MW-4	11/02/1994	NA	NA	NA	NA	NA	NA	NA	518.79	11.96	506.83
MW-4	02/20/1995	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	518.79	10.42	508.37
MW-4	05/09/1995	NA	NA	NA	NA	NA	NA	NA	518.79	11.22	507.57
MW-4	08/21/1995	<50	<0.5	<0.5	<0.5	<0.5	<10	NA	518.79	10.51	508.28
MW-4	10/20/1995	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	518.79	10.86	507.93
MW-4	02/07/1996	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	518.79	8.93	509.86
MW-4	04/30/1996	NA	NA	NA	NA	NA	NA	NA	518.79	9.03	509.76
MW-4	08/14/1996	<50	<0.5	<0.5	<0.5	<0.5	<30	NA	518.79	9.84	508.95
MW-4	11/22/1996	NA	NA	NA	NA	NA	NA	NA	518.79	9.73	509.06
MW-4	02/14/1997	<50	<0.5	<0.5	<0.5	<0.5	<30	NA	518.79	8.85	509.94
MW-4	05/23/1997	NA	NA	NA	NA	NA	NA	NA	518.79	10.15	508.64
MW-4	07/25/1997	<50	<0.5	<0.5	<0.5	<0.5	<30	NA	518.79	10.61	508.18
MW-4	10/31/1997	NA	NA	NA	NA	NA	NA	NA	518.79	10.36	508.43
MW-4	02/06/1998	<50	<0.5	<0.5	<0.5	<0.5	<30	NA	518.79	7.46	511.33
MW-4	05/19/1998	NA	NA	NA	NA	NA	NA	NA	518.79	8.91	509.88
MW-4	07/31/1998	<50	<0.5	<0.5	<0.5	<0.5	<2.5	NA	518.79	8.99	509.80
MW-4	11/04/1998	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	518.79	10.08	508.71
MW-4	11/11/1999	83.6	6.50	7.52	4.31	9.59	<2.50	NA	518.79	9.81	508.98
MW-4	04/03/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	518.79	9.24	509.55
MW-4	**10/16/2000**	**<50.0**	**<0.500**	**<0.500**	**<0.500**	**<0.500**	**<2.50**	**NA**	**518.79**	**10.49**	**508.30**
MW-5	01/02/1992	1800	74	41	84	94	NA	NA	521.19	14.56	506.63
MW-5	04/02/1992	ND	ND	ND	ND	ND	NA	NA	521.19	13.58	507.61

WELL CONCENTRATIONS
Former Texaco Service Station
930 Springtown Boulevard
Livermore, CA

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
MW-5	07/21/1992	1000	69	16	40	31	NA	NA	521.19	13.77	507.42
MW-5	10/09/1992	3400	890	51	110	110	NA	NA	521.19	14.09	507.10
MW-5	01/11/1993	15000	460	110	900	370	NA	NA	521.19	12.24	508.95
MW-5	05/05/1993	4500	160	19	280	110	NA	NA	521.19	11.90	509.29
MW-5	08/09/1993	2300	180	19	130	80	NA	NA	521.19	13.35	507.84
MW-5	10/14/1993	2200	160	27	90	64	NA	NA	521.19	13.89	507.30
MW-5	01/24/1994	2600	69	11	65	25	NA	NA	521.19	13.32	507.87
MW-5	05/31/1994	3100	130	64	140	120	NA	NA	521.19	12.75	508.44
MW-5	08/31/1994	600	20	2.9	14	7.1	NA	NA	521.19	14.34	506.85
MW-5	11/02/1994	2300	68	18	52	54	NA	NA	521.19	14.22	506.97
MW-5	02/20/1995	12000	130	<30	240	138	NA	NA	521.19	12.78	508.41
MW-5	05/09/1995	2500	57	60	54	37	NA	NA	521.19	13.41	507.78
MW-5	08/21/1995	11000	91	28	140	120	<100	<100	521.19	12.32	508.87
MW-5	10/20/1995	2300	38	3.8	28	19	NA	NA	521.19	13.28	507.91
MW-5	02/07/1996	1800	35	8.1	37	20	NA	NA	521.19	11.31	509.88
MW-5	04/30/1996	NA	NA	NA	NA	NA	NA	NA	521.19	11.52	509.67
MW-5	08/14/1996	3500	130	22	170	47	71	NA	521.19	12.03	509.16
MW-5	11/22/1996	3500	160	15	190	28	<200	NA	521.19	12.22	508.97
MW-5	02/14/1997	2900	150	54	330	68	<300	NA	521.19	11.20	509.99
MW-5	05/23/1997	10000	170	98	380	68	<200	NA	521.19	12.55	508.64
MW-5	07/25/1997	2700	110	<0.5	33	<0.5	<30	NA	521.19	12.93	508.26
MW-5	10/31/1997	NA	NA	NA	NA	NA	NA	NA	521.19	12.78	508.41
MW-5	02/06/1998	67	<0.5	<0.5	<0.5	<0.5	<30	NA	521.19	10.26	510.93
MW-5	05/19/1998	4200	120	25	360	76	510	NA	521.19	11.12	510.07
MW-5	07/31/1998	270	<0.5	<0.5	<0.5	<0.5	<2.5	NA	521.19	11.79	509.40
MW-5	11/04/1998	2800	120	14	590	140	<25	<10	521.19	12.33	508.86
MW-5	11/11/1999	1220	40.5	22.8	16.4	6.22	<12.5	NA	521.19	12.64	508.55

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Livermore, CA

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
MW-5	04/03/2000	5060	130	20.8	281	30.6	74.1	NA	521.19	11.64	509.55
MW-5	**10/16/2000**	**2070**	**35.4**	**33.6**	**114**	**57.6**	**50.1**	**NA**	**521.19**	**12.82**	**508.37**
MW-6	01/02/1992	23	ND	0.3	0.6	3	NA	NA	522.18	16.64	505.54
MW-6	04/02/1991	ND	ND	ND	ND	ND	NA	NA	522.18	15.61	506.57
MW-6	07/21/1992	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	522.18	15.53	506.65
MW-6	10/09/1992	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	522.18	15.69	506.49
MW-6	08/09/1993	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	522.18	14.50	507.68
MW-6	10/14/1993	NA	NA	NA	NA	NA	NA	NA	522.18	NA	NA
MW-6	01/24/1994	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	522.18	15.09	507.09
MW-6	05/31/1994	NA	NA	NA	NA	NA	NA	NA	522.18	14.64	507.54
MW-6	08/31/1994	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	522.18	15.32	506.86
MW-6	11/02/1994	NA	NA	NA	NA	NA	NA	NA	522.18	15.32	506.86
MW-6	02/20/1995	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	522.18	14.07	508.11
MW-6	05/09/1995	NA	NA	NA	NA	NA	NA	NA	522.18	14.30	507.88
MW-6	10/20/1995	NA	NA	NA	NA	NA	NA	NA	522.18	14.31	NA
MW-6	07/25/1997	NA	NA	NA	NA	NA	NA	NA	522.18	NA	NA
MW-7	01/02/1992	NA	NA	NA	NA	NA	NA	NA	522.19	11.17	511.02
MW-7	04/02/1992	ND	ND	ND	ND	ND	NA	NA	522.19	10.34	511.85
MW-7	07/21/1992	NA	NA	NA	NA	NA	NA	NA	522.19	9.02	513.17
MW-7	05/31/1994	NA	NA	NA	NA	NA	NA	NA	522.19	9.42	512.77
MW-7	08/31/1994	NA	NA	NA	NA	NA	NA	NA	522.19	6.84	515.35
MW-7	11/02/1994	NA	NA	NA	NA	NA	NA	NA	522.19	6.48	515.71
MW-7	02/20/1995	NA	NA	NA	NA	NA	NA	NA	522.19	7.71	514.48
MW-7	05/09/1995	NA	NA	NA	NA	NA	NA	NA	522.19	7.65	514.54
MW-7	08/21/1995	NA	NA	NA	NA	NA	NA	NA	522.19	7.83	514.36

WELL CONCENTRATIONS
Former Texaco Service Station
930 Springtown Boulevard
Livermore, CA

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
MW-7	10/20/1995	NA	NA	NA	NA	NA	NA	NA	522.19	8.61	513.58
MW-7	07/25/1997	NA	NA	NA	NA	NA	NA	NA	522.19	NA	NA
MW-8	01/02/1992	12000	32	980	200	760	NA	NA	524.03	18.42	505.61
MW-8	04/02/1992	ND	ND	ND	ND	ND	NA	NA	524.03	17.39	506.64
MW-8	07/21/1992	NA	NA	NA	NA	NA	NA	NA	524.03	14.02	510.01
MW-8	05/31/1994	NA	NA	NA	NA	NA	NA	NA	524.03	19.65	504.38
MW-8	08/31/1994	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	524.03	17.40	506.63
MW-8	11/02/1994	NA	NA	NA	NA	NA	NA	NA	524.03	17.38	506.65
MW-8	02/20/1995	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	524.03	15.99	508.04
MW-8	05/09/1995	NA	NA	NA	NA	NA	NA	NA	524.03	16.54	507.49
MW-8	08/21/1995	<50	<0.5	<0.5	0.67	0.62	<10	NA	524.03	15.77	508.26
MW-8	10/20/1995	NA	NA	NA	NA	NA	NA	NA	524.03	16.24	507.79
MW-8	02/07/1996	<50	7.0	<0.5	<0.5	<0.5	NA	NA	524.03	14.42	509.61
MW-8	04/30/1996	61	9.6	<0.5	<0.5	<0.5	NA	NA	524.03	14.65	509.38
MW-8	08/14/1996	<50	0.73	<0.5	<0.5	<0.5	<30	NA	524.03	15.08	508.95
MW-8	11/22/1996	120	5.9	2.2	2.4	8.3	<30	NA	524.03	15.35	508.68
MW-8	02/14/1997	<50	<0.5	<0.5	<0.5	<0.5	<30	NA	524.03	14.32	509.71
MW-8	05/23/1997	<50	<0.5	<0.5	<0.5	<0.5	<30	NA	524.03	13.35	510.68
MW-8	07/25/1997	<50	<0.5	<0.5	<0.5	<0.5	<30	NA	524.03	16.05	507.98
MW-8	10/31/1997	<50	<0.5	<0.5	<0.5	<0.5	<30	NA	524.03	15.86	508.17
MW-8	02/06/1998	180	17	<0.5	<0.5	6.0	<30	NA	524.03	13.62	510.41
MW-8	05/19/1998	<50	4.9	<0.5	<0.5	<0.5	<2.5	NA	524.03	14.23	509.80
MW-8	07/31/1998	140	<0.5	<0.5	<0.5	<0.5	<2.5	NA	524.03	14.95	509.08
MW-8	11/04/1998	<50	1.2	100	1.9	7.8	<2.5	NA	524.03	15.42	508.61
MW-8	11/11/1999	<50.0	<0.500	<0.500	<0.500	<0.500	3.70	<0.500	524.03	15.74	508.29
MW-8	04/03/2000	87.7	10.8	<0.500	<0.500	<0.500	<2.50	NA	524.03	14.76	509.27

WELL CONCENTRATIONS
Former Texaco Service Station
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Livermore, CA

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
MW-8	10/16/2000	237	11.3	<0.500	<0.500	0.544	7.93	NA	524.03	15.91	508.12

Abbreviations:

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

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

MTBE = methyl-tertiary-butyl ether

TOC = Top of Casing Elevation

GW = Groundwater

ug/L = parts per billion

msl = Mean sea level

ft = Feet

<n = Below detection limit

(D) = Duplicate sample

NA = Not applicable

ND = Not detected at or above the minimum quantitation limits.

Notes:

a = Sample analyzed outside of EPA recommended holding time.

For the event on April 3, 2000, the lab confirmed MTBE by 8260 for well MW-B instead of well MW-A.

Sequoia
Analytical

885 Jarvis Drive
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2 November, 2000

W.R.Jones
Blaine Tech Services (Shell)
1680 Rogers Avenue
San Jose, CA 95112

RE: Shell (8 or more day TAT)
Sequoia Report: MJJ0496

Enclosed are the results of analyses for samples received by the laboratory on 10/17/00 13:20. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Wayne Stevenson
Client Services Manager

CA ELAP Certificate #1210

Sequoia Analytical

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Blaine Tech Services (Shell) 1680 Rogers Avenue San Jose CA, 95112	Project: Shell (8 or more day TAT) Project Number: 930 Springtown Blvd., Livermore Project Manager: W.R.Jones	**Reported:** 11/02/00 13:00

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-A	MJJ0496-01	Water	10/16/00 14:47	10/17/00 13:20
MW-B	MJJ0496-02	Water	10/16/00 14:26	10/17/00 13:20
MW-1	MJJ0496-03	Water	10/16/00 13:17	10/17/00 13:20
MW-2	MJJ0496-04	Water	10/16/00 12:42	10/17/00 13:20
MW-3	MJJ0496-05	Water	10/16/00 12:59	10/17/00 13:20
MW-4	MJJ0496-06	Water	10/16/00 12:26	10/17/00 13:20
MW-5	MJJ0496-07	Water	10/16/00 13:56	10/17/00 13:20
MW-8	MJJ0496-08	Water	10/16/00 13:31	10/17/00 13:20

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.

Wayne Stevenson, Client Services Manager

Sequoia Analytical

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Blaine Tech Services (Shell) 1680 Rogers Avenue San Jose CA, 95112	Project: Shell (8 or more day TAT) Project Number: 930 Springtown Blvd., Livermore Project Manager: W.R.Jones	**Reported:** 11/02/00 13:00

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

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-A (MJJ0496-01) Water Sampled: 10/16/00 14:47 Received: 10/17/00 13:20									
Purgeable Hydrocarbons	**4810**	2000	ug/l	40	0J24003	10/24/00	10/24/00	DHS LUFT	P-01
Benzene	**51.6**	20.0	"	"	"	"	"	"	
Toluene	ND	20.0	"	"	"	"	"	"	
Ethylbenzene	**251**	20.0	"	"	"	"	"	"	
Xylenes (total)	**434**	20.0	"	"	"	"	"	"	
Methyl tert-butyl ether	**108**	100	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*92.3 %*	*70-130*		"	"	"	"	
MW-B (MJJ0496-02) Water Sampled: 10/16/00 14:26 Received: 10/17/00 13:20									
Purgeable Hydrocarbons	**1280**	100	ug/l	2	0J25003	10/25/00	10/25/00	DHS LUFT	P-01
Benzene	**14.5**	1.00	"	"	"	"	"	"	
Toluene	**13.8**	1.00	"	"	"	"	"	"	
Ethylbenzene	**13.3**	1.00	"	"	"	"	"	"	
Xylenes (total)	**38.8**	1.00	"	"	"	"	"	"	
Methyl tert-butyl ether	**26.5**	5.00	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*89.5 %*	*70-130*		"	"	"	"	
MW-1 (MJJ0496-03) Water Sampled: 10/16/00 13:17 Received: 10/17/00 13:20									
Purgeable Hydrocarbons	ND	50.0	ug/l	1	0J24003	10/24/00	10/24/00	DHS LUFT	
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		*88.9 %*	*70-130*		"	"	"	"	

Sequoia Analytical

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Blaine Tech Services (Shell) 1680 Rogers Avenue San Jose CA, 95112	Project: Shell (8 or more day TAT) Project Number: 930 Springtown Blvd., Livermore Project Manager: W.R.Jones	**Reported:** 11/02/00 13:00

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

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-2 (MJJ0496-04) Water Sampled: 10/16/00 12:42 Received: 10/17/00 13:20									
Purgeable Hydrocarbons	ND	50.0	ug/l	1	0J24003	10/24/00	10/24/00	DHS LUFT	
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		*90.2 %*	*70-130*		"	"	"	"	
MW-3 (MJJ0496-05) Water Sampled: 10/16/00 12:59 Received: 10/17/00 13:20									
Purgeable Hydrocarbons	ND	50.0	ug/l	1	0J24003	10/24/00	10/24/00	DHS LUFT	
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		*82.2 %*	*70-130*		"	"	"	"	
MW-4 (MJJ0496-06) Water Sampled: 10/16/00 12:26 Received: 10/17/00 13:20									
Purgeable Hydrocarbons	ND	50.0	ug/l	1	0J24003	10/24/00	10/24/00	DHS LUFT	
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		*88.7 %*	*70-130*		"	"	"	"	

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Blaine Tech Services (Shell) 1680 Rogers Avenue San Jose CA, 95112	Project: Shell (8 or more day TAT) Project Number: 930 Springtown Blvd., Livermore Project Manager: W.R.Jones	**Reported:** 11/02/00 13:00

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

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-5 (MJJ0496-07) Water Sampled: 10/16/00 13:56 Received: 10/17/00 13:20									
Purgeable Hydrocarbons	**2070**	500	ug/l	10	0J24003	10/24/00	10/24/00	DHS LUFT	P-01
Benzene	**35.4**	5.00	"	"	"	"	"	"	
Toluene	**33.6**	5.00	"	"	"	"	"	"	
Ethylbenzene	**114**	5.00	"	"	"	"	"	"	
Xylenes (total)	**57.6**	5.00	"	"	"	"	"	"	
Methyl tert-butyl ether	**50.1**	25.0	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*94.9 %*	*70-130*		"	"	"	"	
MW-8 (MJJ0496-08) Water Sampled: 10/16/00 13:31 Received: 10/17/00 13:20									
Purgeable Hydrocarbons	**237**	50.0	ug/l	1	0J24003	10/24/00	10/24/00	DHS LUFT	P-01
Benzene	**11.3**	0.500	"	"	"	"	"	"	
Toluene	ND	0.500	"	"	"	"	"	"	
Ethylbenzene	ND	0.500	"	"	"	"	"	"	
Xylenes (total)	**0.544**	0.500	"	"	"	"	"	"	
Methyl tert-butyl ether	**7.93**	2.50	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*96.0 %*	*70-130*		"	"	"	"	

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Blaine Tech Services (Shell) 1680 Rogers Avenue San Jose CA, 95112	Project: Shell (8 or more day TAT) Project Number: 930 Springtown Blvd., Livermore Project Manager: W.R.Jones	**Reported:** 11/02/00 13:00

MTBE Confirmation by EPA Method 8260A

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-A (MJJ0496-01) Water Sampled: 10/16/00 14:47 Received: 10/17/00 13:20									
Methyl tert-butyl ether	ND	10.0	ug/l	10	0J26012	10/26/00	10/26/00	EPA 8260A	
Surrogate: 1,2-Dichloroethane-d4		*193 %*	*70-130*		"	"	"	"	*S-04*

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Blaine Tech Services (Shell) 1680 Rogers Avenue San Jose CA, 95112	Project: Shell (8 or more day TAT) Project Number: 930 Springtown Blvd., Livermore Project Manager: W.R.Jones	**Reported:** 11/02/00 13:00

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 0J24003 - EPA 5030B [P/T]										
Blank (0J24003-BLK1)				Prepared & Analyzed: 10/24/00						
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	*9.15*		"	*10.0*		*91.5*	*70-130*			
LCS (0J24003-BS1)				Prepared & Analyzed: 10/24/00						
Benzene	9.97	0.500	ug/l	10.0		99.7	70-130			
Toluene	9.73	0.500	"	10.0		97.3	70-130			
Ethylbenzene	9.69	0.500	"	10.0		96.9	70-130			
Xylenes (total)	29.3	0.500	"	30.0		97.7	70-130			
Surrogate: a,a,a-Trifluorotoluene	*9.19*		"	*10.0*		*91.9*	*70-130*			
Matrix Spike (0J24003-MS1)		**Source: MJJ0450-10**		Prepared & Analyzed: 10/24/00						
Benzene	10.0	0.500	ug/l	10.0	ND	100	60-140			
Toluene	9.74	0.500	"	10.0	ND	97.4	60-140			
Ethylbenzene	9.41	0.500	"	10.0	ND	94.1	60-140			
Xylenes (total)	29.7	0.500	"	30.0	ND	99.0	60-140			
Surrogate: a,a,a-Trifluorotoluene	*9.36*		"	*10.0*		*93.6*	*70-130*			
Matrix Spike Dup (0J24003-MSD1)		**Source: MJJ0450-10**		Prepared & Analyzed: 10/24/00						
Benzene	9.89	0.500	ug/l	10.0	ND	98.9	60-140	1.11	25	
Toluene	9.73	0.500	"	10.0	ND	97.3	60-140	0.103	25	
Ethylbenzene	9.45	0.500	"	10.0	ND	94.5	60-140	0.424	25	
Xylenes (total)	29.4	0.500	"	30.0	ND	98.0	60-140	1.02	25	
Surrogate: a,a,a-Trifluorotoluene	*9.45*		"	*10.0*		*94.5*	*70-130*			

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Blaine Tech Services (Shell) 1680 Rogers Avenue San Jose CA, 95112	Project: Shell (8 or more day TAT) Project Number: 930 Springtown Blvd., Livermore Project Manager: W.R.Jones	**Reported:** 11/02/00 13:00

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 0J25003 - EPA 5030B [P/T]										
Blank (0J25003-BLK1)				Prepared & Analyzed: 10/25/00						
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	*8.79*		"	*10.0*		*87.9*	*70-130*			
LCS (0J25003-BS1)				Prepared & Analyzed: 10/25/00						
Purgeable Hydrocarbons	247	50.0	ug/l	250		98.8	70-130			
Surrogate: a,a,a-Trifluorotoluene	*12.2*		"	*10.0*		*122*	*70-130*			
Matrix Spike (0J25003-MS1)		**Source: MJJ0487-02**		Prepared & Analyzed: 10/25/00						
Purgeable Hydrocarbons	242	50.0	ug/l	250	ND	96.8	60-140			
Surrogate: a,a,a-Trifluorotoluene	*10.1*		"	*10.0*		*101*	*70-130*			
Matrix Spike Dup (0J25003-MSD1)		**Source: MJJ0487-02**		Prepared & Analyzed: 10/25/00						
Purgeable Hydrocarbons	230	50.0	ug/l	250	ND	92.0	60-140	5.08	25	
Surrogate: a,a,a-Trifluorotoluene	*9.28*		"	*10.0*		*92.8*	*70-130*			

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Blaine Tech Services (Shell) 1680 Rogers Avenue San Jose CA, 95112	Project: Shell (8 or more day TAT) Project Number: 930 Springtown Blvd., Livermore Project Manager: W.R.Jones	**Reported:** 11/02/00 13:00

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 0J26012 - EPA 5030B [P/T]										
Blank (0J26012-BLK1)				Prepared & Analyzed: 10/26/00						
Methyl tert-butyl ether	ND	1.00	ug/l							
Surrogate: 1,2-Dichloroethane-d4	*9.02*		"	*10.0*		*90.2*	*70-130*			
LCS (0J26012-BS1)				Prepared & Analyzed: 10/26/00						
Methyl tert-butyl ether	9.29	1.00	ug/l	10.0		92.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	*8.80*		"	*10.0*		*88.0*	*70-130*			
Matrix Spike (0J26012-MS1)		**Source: MJJ0451-02**		Prepared & Analyzed: 10/26/00						
Methyl tert-butyl ether	1160	50.0	ug/l	500	701	91.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	*9.45*		"	*10.0*		*94.5*	*70-130*			
Matrix Spike Dup (0J26012-MSD1)		**Source: MJJ0451-02**		Prepared & Analyzed: 10/26/00						
Methyl tert-butyl ether	1080	50.0	ug/l	500	701	75.8	70-130	7.14	25	
Surrogate: 1,2-Dichloroethane-d4	*9.40*		"	*10.0*		*94.0*	*70-130*			

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Blaine Tech Services (Shell) 1680 Rogers Avenue San Jose CA, 95112	Project: Shell (8 or more day TAT) Project Number: 930 Springtown Blvd., Livermore Project Manager: W.R.Jones	**Reported:** 11/02/00 13:00

Notes and Definitions

P-01	Chromatogram Pattern: Gasoline C6-C12
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

BLAINE
TECH SERVICES, INC.

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

CHAIN OF 001016-R2

CLIENT: Equiva - Karen Petryna

SITE: 930 Springtown Blvd.
Livermore, CA

LAB: Sequoia | DHS #

ALL ANALYSES MUST MEET SPECIFICATIONS AND DETECTION LIMITS SET BY CALIFORNIA DHS AND
☐ EPA ☐ RWQCB REGION ____
☐ LIA
☐ OTHER 6185 7050

SPECIAL INSTRUCTIONS: MJJ0496

Send invoice to Equiva
Incident # 91995053
Send report to Blaine Tech Services, Inc.
ATTN: Ann Pember

C = COMPOSITE ALL CONTAINERS

CONDUCT ANALYSIS TO DETECT

SAMPLE I.D.	DATE	TIME	MATRIX S= SOIL W=H_2O	CONTAINERS TOTAL		C	TPH - gas, BTEX	MTBE by 8020	MTBE by 8260	TPH - diesel	Oxygenates by 8260	ADD'L INFORMATION	STATUS	CONDITION	LAB SAMPLE #
MW 4	10/16/00	1447	W	3	HCl		X	X							01
MW 3		1426					X	X							02
MW 1		1317					X	X				Confirm the highest			03
MW 2		1242					X	X				MTBE concentration			04
MW 3		1259					X	X				by EPA method 8260			05
MW 4		1226					X	X							06
MW 5		1356					X	X							07
MW 8		1331					X	X							08

SAMPLING COMPLETED	DATE	TIME
	10/16/00	1500

SAMPLING PERFORMED BY: Jared

RESULTS NEEDED NO LATER THAN: Standard

RELEASED BY	DATE	TIME	RECEIVED BY	DATE	TIME
Jared Bar	10/17/00	11:20		10/17/00	1220
	10/17/00		MYI	10/17/00	1320

SHIPPED VIA	DATE SENT	TIME SENT	COOLER #

WELL GAUGING DATA

Project # 080106 R2 Date 10/16/00 Client Equilon

Site 930 Springtown Blvd Livermore

	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	
6	MW 1	2					11.59	16.11	TOC	
7	MW 2	2	odor				9.42	21.95		
4	~~MW 3~~	~~4~~					~~10.49~~	~~24.49~~	~~TOC~~	
2	MW 2	4					9.36	22.32		
3	MW 7	4					10.97	24.26		
1	MW 4	3					10.49	24.49		
6	MW 5	2					12.82	22.81		
5	MW 8	4					15.91	24.00		
	MW 1	4					11.91	25.19	✓	

EQUIVA WELL MONITORING DATA SHEET

BTS #: 001016 R2	Site: 930 Springtown Livermore
Sampler: Jared	Date: 10/16/00
Well I.D.: MW - A	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 16.11	Depth to Water: 11.59
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH

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

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

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

0.7 (Gals.) X 3 = 2.1 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
1440	69.5	6.7	1160 µs	7250	7.5	odor/grey
1443	69.5	6.8	1170	7300	5.8	
1445	69.1	6.7	1186	7200	2.2	

Did well dewater? Yes (No) Gallons actually evacuated: 2.2

Sampling Time: 1447 Sampling Date: 10/16/00

Sample I.D.: MW-A 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 #: 001016 R2	Site: 930 Springtown Livermore
Sampler: Jad	Date: 10/16/00
Well I.D.: MW - B	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth: 21.95	Depth to Water: 9.47
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH

Purge Method:

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

Sampling Method: (Bailer)

Disposable Bailer
Extraction Port
Dedicated Tubing
Other: _____

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

2 (Gals.) X 3 = 6 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
1915	71.0	7.0	2140 µs	104	2	
1919	70.0	6.9	2170	94	4	
1923	70.0	6.9	2185	69	6	

Did well dewater? Yes (No) Gallons actually evacuated: 6

Sampling Time: 1926 Sampling Date: 10/16/00

Sample I.D.: MW - B 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 #: 001016 R2	Site: 930 Springtown Livermore
Sampler: Jared	Date: 10/16/00
Well I.D.: MW - 1	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth: 25.19	Depth to Water: 11.91
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: _____

5.6 (Gals.) X 3 = 25.8 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

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

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
1313	70.4	6.7	2480 µs	>200	9	
1314	69.5	6.8	2490	>200	18	
1315	70.0	7.0	2500	>200	>27	

Did well dewater? Yes (No) Gallons actually evacuated: >27

Sampling Time: 1317 Sampling Date: 10/16/00

Sample I.D.: MW - Laboratory: (Segnoia) 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 #: 00016 R2	Site: 930 Springtown Livermore
Sampler: Jared	Date: 10/16/00
Well I.D.: MW-2	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: 22.72	Depth to Water: 9.76
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH

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

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

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

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

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
1758	67.3	6.9	2240	>750	9	
1239	66.6	7.0	2270	>750	18	
1240	66.8	7.0	2270	170	27	

Did well dewater? Yes (No) Gallons actually evacuated: 27

Sampling Time: 1242 Sampling Date: 10/16/00

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

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

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

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

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

EQUIVA WELL MONITORING DATA SHEET

BTS #: 000016 R2	Site: 930 Springtown Livermore
Sampler: Jared	Date: 10/16/00
Well I.D.: MW - 3	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth: 24.26	Depth to Water: 10.07
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 C	3	15.9	Gals.
1 Case Volume	Specified Volumes	Calculated Volume	

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

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
1255	71.3	6.9	2300 µs	47	0	
1256	71.6	6.8	2300	27	16	
1257	71.0	7.0	2290	26	27	

Did well dewater? Yes (No) Gallons actually evacuated: 27

Sampling Time: 1259 Sampling Date: 10/16/00

Sample I.D.: MW - 3 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

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EQUIVA WELL MONITORING DATA SHEET

BTS #: 00016 R2	Site: 730 Springtown Livermore
Sampler: Jason	Date: 10/16/02
Well I.D.: MW - 4	Well Diameter: 2 (3) 4 6 8 ___
Total Well Depth: 24.40	Depth to Water: 10.49
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: _____

5.15 (Gals.) X	3	=	15.5 Gals.
1 Case Volume	Specified Volumes		Calculated Volume

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

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
1210	71.0	7.7	1270	3.5	5	
1216	70.0	7.6	1260	21	10	
1224	69.9	7.4	1270	20	16	

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

Sampling Time: 1230 Sampling Date: 10/16/02

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

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

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

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

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 #: 00016 R2	Site: 930 Springtown Livermore
Sampler: Jared	Date: 10/16/00
Well I.D.: MW - 5	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 22.81	Depth to Water: 12.82
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: _____

1.6 (Gals.) X 3 = 4.7 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

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

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
1345	71.3	7.2	9902	>200	1.75	Sl cy/odor
1347	71.1	7.1	1030	>200	3.5	
1353	70.9	7.0	1140	>200	5.25	

Did well dewater? Yes (No) Gallons actually evacuated: 5.25

Sampling Time: 1355 Sampling Date: 10/16/00

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

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

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

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

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 #: 001016 R2	Site: 930 Springtown Livermore
Sampler: Jared	Date: 10/16/00
Well I.D.: MW-8	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: 27.00	Depth to Water: 15.91
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: _____

5.3 (Gals.) X 3 = 15.8 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

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

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
1327	67.5	6.7	1580	176	6	
1328	66.6	6.9	1540	87	12	
1329	66.6	6.9	1540	56	18	

Did well dewater? Yes (No) Gallons actually evacuated: 18

Sampling Time: 1331 Sampling Date: 10/16/00

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

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

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

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

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

BLAINE
TECH SERVICES

1680 RC 1S AVENUE
SAN JOSE, CALIFORNIA 95112
(408) 573-7771 FAX
(408) 573-0555 PHONE

WELLHEAD INSPECTION CHECKLIST

Client: Equiva

Site Address: 930 Springtown - Livermore

Technician: Scott Anders

Date: 10-31-00

1. Lid on box?	6. Casing secure?	12. Water standing in wellbox?	15. Well cap functional?
2. Lid broken?	7. Casing cut level?	12a. Standing above the top of casing?	16. Can cap be pulled loose?
3. Lid bolts missing?	8. Debris in wellbox?	12b. Standing below the top of casing?	17. Can cap seal out water?
4. Lid bolts stripped?	9. Wellbox is too far above grade?	12c. Water even with the top of casing?	18. Padlock present?
5. Lid seal intact?	10. Wellbox is too far below grade?	13. Well cap present?	19. Padlock functional?
	11. Wellbox is crushed/damaged?	14. Well cap found secure?	

☐ Check box if no deficiencies were found. Note below deficiencies you were able to correct.

Well I.D.	Deficiency	Corrective Action Taken
mw-8	wellbox top Separated from bottom - not Secure	Replaced wellbox
mw-5	Slip cap	Replaced w/ 2" cap
mw-A	Slip cap	Replaced w/ 2" cap

Note below all deficiencies that could not be corrected and still need to be corrected.

Well I.D.	Persisting Deficiency	BTS Office assigns or defers Correction to:	Date assigned	Date corrected
mw-1	Needs lock	BTS to replace during		
mw-5	" "	next event		
mw-8	" "			
mw-A	" "			
mw-6	" "			

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TECH SERVICES, Inc.

1680 ROGERS AVENUE
SAN JOSE, CALIFORNIA 95112
(408) 573-7771 FAX
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WELLHEAD INSPECTION CHECKLIST

Client Equiva

Site Address 930 Springtown Blvd Livermore

Technician Joel

Date 10/16/00

1. Lid on box?	6. Casing secure?	12. Water standing in wellbox?	15. Well cap functional?
2. Lid broken?	7. Casing cut level?	12a. Standing above the top of casing?	16. Can cap be pulled loose?
3. Lid bolts missing?	8. Debris in wellbox?	12b. Standing below the top of casing?	17. Can cap seal out water?
4. Lid bolts stripped?	9. Wellbox is too far above grade?	12c. Water even with the top of casing?	18. Padlock present?
5. Lid seal intact?	10. Wellbox is too far below grade?	13. Well cap present?	19. Padlock functional?
	11. Wellbox is crushed/damaged?	14. Well cap found secure?	

☐ Check box if no deficiencies were found. Note below deficiencies you were able to correct.

Well I.D.	Deficiency	Corrective Action Taken
MW 2	water in box	bailed
MW 2	no lock	added
MW 3	no lock	added

Note below all deficiencies that could not be corrected and still need to be corrected.

Well I.D.	Persisting Deficiency	BTS Office assigns or defers Correction to:	Date assigned	Date corrected
~~MW 3~~	~~no lock~~			
MW-1	NO lock	BTS to replace/repair		
MW-8	lock rusted top of box			
	not connected to base needs replacement			
MW 5	2" PVC slip cap			
MW 4	2" PVC slip cap			

MW-B no lock