the IT group

1921 Ringwood Avenue
San Jose, CA 95131-1721
Tel. 408.453.7300
Fax. 408.437.9526

VE well screened in low K sediment, above bgs.
- check SVE system configuration + screen interval
- check SV sample locations proposed. should be near former pump is/ OK. But SV samples should be collected from 3', 6' and 9' bgs
- see if SCM was submitted any sensitive receptors
- Remediation sys. may work better w/ air sparge + VE

May 31, 2000
Project 340-083.9A

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

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

Dear Ms. Chu:

The following presents the results of the second quarter 2000 monitoring program for the site referenced above. This letter has been prepared for Equiva Services LLC (Equiva) by IT Corporation (IT), formerly Pacific Environmental Group, Inc. (PEG).

QUARTERLY MONITORING FINDINGS

Groundwater monitoring wells were gauged and sampled by Blaine Tech Services, Inc. (Blaine) at the direction of IT on April 3, 2000. Blaine's groundwater monitoring report, which includes the Well Concentrations Table (historical and current groundwater elevation and analytical results), field data, and the certified analytical report, is presented as Attachment A.

Groundwater elevation data and a corresponding contour map are presented on Figure 1.

All wells sampled were analyzed for total purgeable petroleum hydrocarbons (TPPH); benzene, toluene, ethylbenzene, xylenes (BTEX compounds); and methyl tert-butyl ether (MtBE) by EPA Methods 8015 (modified) and 8020. The presence of MtBE was confirmed by EPA Method 8260 in samples collected from Well MW-B. TPPH, benzene, and MtBE concentrations for the April 2000 sampling event are presented on Figure 1.

DISCUSSION

Due to an order of magnitude increase of MtBE detected by EPA Method 8260 in Well MW-3 during the fourth quarter 1999 [604 parts per billion (ppb)], IT increased

the monitoring and sampling frequency from an annual basis to a semiannual basis in all groundwater monitoring wells currently part of the groundwater monitoring program. Wells MW-A and MW-B, MW-1 through MW-5, and MW-8 will be monitored and sampled semiannually in the second and fourth quarter 2000. Following the fourth quarter 2000 monitoring and sampling event, IT will evaluate the presence of MtBE in on-site and down-gradient groundwater monitoring wells to evaluate whether remedial action is necessary.

During the second quarter 2000, IT plans to test-run the soil vapor extraction (SVE) system at the site to investigate whether petroleum hydrocarbon concentrations detected in selected wells warrant resuming operation of the SVE system. Currently, the remediation equipment, previously used for SVE between September 1994 and October 1995, remains at the site. Wells MW-A, MW-B, MW-3, VE-1, and EW-1 are the SVE wells currently linked to the SVE system; soil vapor samples will be collected from selected SVE wells and analyzed for TPPH, BTEX compounds, and MtBE using EPA Methods 8015 (modified) and 8020, and for MtBE using EPA Method 8260. IT will report on the SVE test-run during the third quarter 2000.

Concurrently, IT has proceeded with the implementation of the January 2000 *Addendum to Work Plan for Soil Vapor Sampling*, which involves the advancement of three soil borings to characterize residual hydrocarbons in the vadose zone, and to collect additional soil data and soil vapor data to modify the Kaprelian Engineering, Inc.'s *Risk Based Corrective (RBCA) Analysis*, dated October 31, 1997. A RBCA Tier 2 assessment will be prepared using soil analytical data collected from this investigation to evaluate the potential health risk to residents from the inhalation of volatile residual petroleum hydrocarbons, which may be emanating from beneath the site. IT has received permits for the advancement of the borings through Alameda County Health Care Services Agency (ACHSA) and is currently in pursuit of obtaining formal authorization to access the property. IT will schedule the fieldwork once authorization to access the property has been granted by the property owner.

If you have questions regarding the content of this letter please call (408) 453-7300.

Sincerely,

IT Corporation

Debra J. Moser
Senior Geologist
CEG 1293

Attachments: Figure 1 – Groundwater Monitoring Map
Attachment A – Groundwater Monitoring Report

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

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

May 15, 2000

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

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

Monitoring performed on April 3, 2000

Groundwater Monitoring Report **000403-K-1**

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

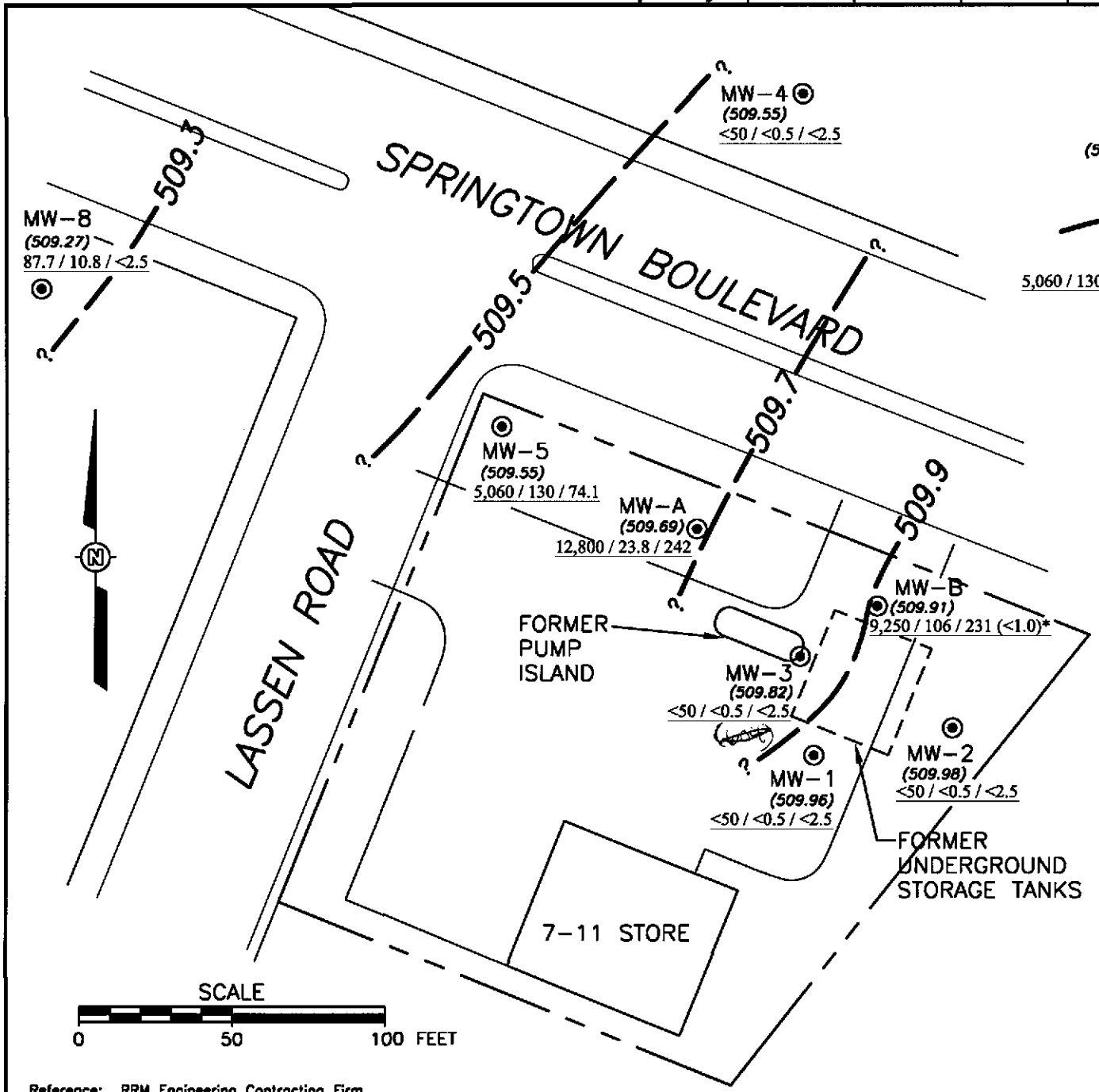
attachments: Cumulative Table of WELL CONCENTRATIONS
Certified Analytical Report
Field Data Sheets

cc: Krissy Flesoras
IT Corporation
1921 Ringwood Avenue
San Jose, CA 95131

ATTACHMENT A

GROUNDWATER MONITORING REPORT

DRAWN BY		CHECKED BY		APPROVED BY		PROJECT NUMBER	340-083.9A
L. Wahlgren	5-25-00						



LEGEND

- ⊙ GROUNDWATER MONITORING WELL
- (509.91) GROUNDWATER ELEVATION (FT-MSL); MEASURED 4-3-00
- GROUNDWATER ELEVATION CONTOUR (FT-MSL)
- 5,060 / 130 / 74.1 TPPH/BENZENE/MtBE by 8020 CONCENTRATIONS IN GROUNDWATER (PARTS PER BILLION) SAMPLED 4-3-00
- (<1.0) MtBE CONFIMED by EPA METHOD 8260
- * ANALYZED PAST HOLD TIME

APPROXIMATE DIRECTION OF GROUNDWATER FLOW

APPROXIMATE GRADIENT = 0.003

Reference: RRM Engineering Contracting Firm

IT CORPORATION

EQUIVA SERVICES LLC
FORMER TEXACO SERVICE STATION

FIGURE 1

GROUNDWATER MONITORING MAP
SECOND QUARTER 2000

930 SPRINGTOWN BLVD at LASSEN RD
LIVERMORE, CALIFORNIA

N:\cad\Drawings\340\083\GWC.dwg Thu, 25/May/00 11:13am LWAHLGREN

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-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
MW-B	05/23/1997	34000	75	1700	590	2100	1800	NA	518.05	9.05	509.00

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-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-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
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

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-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-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
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

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-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-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
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

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	02/07/1996	<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-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
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

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	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-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
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

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	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
MW-5	04/03/2000	5060	130	20.8	281	30.6	74.1	NA	521.19	11.64	509.55
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

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-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
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

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-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
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)

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
Morgan Hill, CA 95037
(408) 776-9600
FAX (408) 782-6308
www.sequoialabs.com

April 19, 2000

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

RE: Shell 930 Spring Town Blvd.

Dear Nick Sudano

Enclosed are the results of analyses for sample(s) received by the laboratory on April 4, 2000.
MW-B was confirmed by 8260 as the highest MTBE hit (231 ug/L), however MW-A should have been confirmed as it was the highest hit (242 ug/L).
If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Ted Terrasas
Project Manager

CA ELAP Certificate Number 1210

Sequoia Analytical

885 Jarvis Drive
Morgan Hill, CA 95037
(408) 776-9600
FAX (408) 782-6308
www.sequoialabs.com

Blaine Tech Services (Shell)	Project:	Shell	Sampled: 4/3/00
1680 Rogers Avenue	Project Number:	930 Spring town blvd	Received: 4/4/00
San Jose, CA 95112	Project Manager:	Nick Sudano	Reported: 4/19/00 18:20

ANALYTICAL REPORT FOR SAMPLES:

Sample Description	Laboratory Sample Number	Sample Matrix	Date Sampled
MW-A	MJD0070-01	Water	4/3/00
MW-B	MJD0070-02	Water	4/3/00
MW-1	MJD0070-03	Water	4/3/00
MW-2	MJD0070-04	Water	4/3/00
MW-3	MJD0070-05	Water	4/3/00
MW-4	MJD0070-06	Water	4/3/00
MW-5	MJD0070-07	Water	4/3/00
MW-8	MJD0070-08	Water	4/3/00

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

Ted Terrasas, Project Manager

Sequoia Analytical

885 Jarvis Drive
Morgan Hill, CA 95037
(408) 776-9600
FAX (408) 782-6308
www.sequoialabs.com

Blaine Tech Services (Shell)	Project:	Shell	Sampled: 4/3/00
1680 Rogers Avenue	Project Number:	930 Spring town blvd	Received: 4/4/00
San Jose, CA 95112	Project Manager:	Nick Sudano	Reported: 4/19/00 18:20

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

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
MW-A			**MJD0070-01**				**Water**	
Purgeable Hydrocarbons	0D13003	4/13/00	4/13/00	DHS LUFT	1250	**12800**	ug/l	P-01
Benzene	"	"	"	DHS LUFT	12.5	**23.8**	"	
Toluene	"	"	"	DHS LUFT	12.5	**54.9**	"	
Ethylbenzene	"	"	"	DHS LUFT	12.5	**704**	"	
Xylenes (total)	"	"	"	DHS LUFT	12.5	**1070**	"	
Methyl tert-butyl ether	"	"	"	DHS LUFT	62.5	**242**	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*70-130*		*89.1*	%	
MW-B			**MJD0070-02**				**Water**	
Purgeable Hydrocarbons	0D12004	4/12/00	4/12/00	DHS LUFT	2000	**9250**	ug/l	P-01
Benzene	"	"	"	DHS LUFT	20.0	**106**	"	
Toluene	"	"	"	DHS LUFT	20.0	**477**	"	
Ethylbenzene	"	"	"	DHS LUFT	20.0	**346**	"	
Xylenes (total)	"	"	"	DHS LUFT	20.0	**1320**	"	
Methyl tert-butyl ether	"	"	"	DHS LUFT	100	**231**	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*70-130*		*106*	%	
MW-1			**MJD0070-03**				**Water**	
Purgeable Hydrocarbons	0D12004	4/12/00	4/12/00	DHS LUFT	50.0	ND	ug/l	
Benzene	"	"	"	DHS LUFT	0.500	ND	"	
Toluene	"	"	"	DHS LUFT	0.500	ND	"	
Ethylbenzene	"	"	"	DHS LUFT	0.500	ND	"	
Xylenes (total)	"	"	"	DHS LUFT	0.500	ND	"	
Methyl tert-butyl ether	"	"	"	DHS LUFT	2.50	ND	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*70-130*		*103*	%	
MW-2			**MJD0070-04**				**Water**	
Purgeable Hydrocarbons	0D12004	4/12/00	4/12/00	DHS LUFT	50.0	ND	ug/l	
Benzene	"	"	"	DHS LUFT	0.500	ND	"	
Toluene	"	"	"	DHS LUFT	0.500	ND	"	
Ethylbenzene	"	"	"	DHS LUFT	0.500	ND	"	
Xylenes (total)	"	"	"	DHS LUFT	0.500	ND	"	
Methyl tert-butyl ether	"	"	"	DHS LUFT	2.50	ND	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*70-130*		*103*	%	
MW-3			**MJD0070-05**				**Water**	
Purgeable Hydrocarbons	0D12004	4/12/00	4/12/00	DHS LUFT	50.0	ND	ug/l	
Benzene	"	"	"	DHS LUFT	0.500	ND	"	

Sequoia Analytical

885 Jarvis Drive
Morgan Hill, CA 95037
(408) 776-9600
FAX (408) 782-6308
www.sequoialabs.com

Blaine Tech Services (Shell)	Project:	Shell	Sampled: 4/3/00
1680 Rogers Avenue	Project Number:	930 Spring town blvd	Received: 4/4/00
San Jose, CA 95112	Project Manager:	Nick Sudano	Reported: 4/19/00 18:20

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

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
MW-3 (continued)			**MJD0070-05**				**Water**	
Toluene	0D12004	4/12/00	4/12/00	DHS LUFT	0.500	ND	ug/l	
Ethylbenzene	"	"	"	DHS LUFT	0.500	ND	"	
Xylenes (total)	"	"	"	DHS LUFT	0.500	ND	"	
Methyl tert-butyl ether	"	"	"	DHS LUFT	2.50	ND	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*70-130*		*102*	%	
MW-4			**MJD0070-06**				**Water**	
Purgeable Hydrocarbons	0D13001	4/13/00	4/13/00	DHS LUFT	50.0	ND	ug/l	
Benzene	"	"	"	DHS LUFT	0.500	ND	"	
Toluene	"	"	"	DHS LUFT	0.500	ND	"	
Ethylbenzene	"	"	"	DHS LUFT	0.500	ND	"	
Xylenes (total)	"	"	"	DHS LUFT	0.500	ND	"	
Methyl tert-butyl ether	"	"	"	DHS LUFT	2.50	ND	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*70-130*		*90.5*	%	
MW-5			**MJD0070-07**				**Water**	
Purgeable Hydrocarbons	0D12004	4/12/00	4/12/00	DHS LUFT	500	**5060**	ug/l	P-01
Benzene	"	"	"	DHS LUFT	5.00	**130**	"	
Toluene	"	"	"	DHS LUFT	5.00	**20.8**	"	
Ethylbenzene	"	"	"	DHS LUFT	5.00	**281**	"	
Xylenes (total)	"	"	"	DHS LUFT	5.00	**30.6**	"	
Methyl tert-butyl ether	"	"	"	DHS LUFT	25.0	**74.1**	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*70-130*		*118*	%	
MW-8			**MJD0070-08**				**Water**	
Purgeable Hydrocarbons	0D12004	4/12/00	4/12/00	DHS LUFT	50.0	**87.7**	ug/l	P-02
Benzene	"	"	"	DHS LUFT	0.500	**10.8**	"	
Toluene	"	"	"	DHS LUFT	0.500	ND	"	
Ethylbenzene	"	"	"	DHS LUFT	0.500	ND	"	
Xylenes (total)	"	"	"	DHS LUFT	0.500	ND	"	
Methyl tert-butyl ether	"	"	"	DHS LUFT	2.50	ND	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*70-130*		*105*	%	

Sequoia Analytical

885 Jarvis Drive
Morgan Hill, CA 95037
(408) 776-9600
FAX (408) 782-6308
www.sequoialabs.com

Blaine Tech Services (Shell)	Project:	Shell	Sampled: 4/3/00
1680 Rogers Avenue	Project Number:	930 Spring town blvd	Received: 4/4/00
San Jose, CA 95112	Project Manager:	Nick Sudano	Reported: 4/19/00 18:20

MTBE by EPA Method 8260A
Sequoia Analytical - Morgan Hill

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
MW-B			**MJD0070-02**				**Water**	**I-02**
Methyl tert-butyl ether	0D19006	4/18/00	4/19/00	EPA 8260A	1.00	ND	ug/l	A-02
Surrogate: 1,2-Dichloroethane-d4	"	"	"	*70-130*		*NR*	*%*	*S-04*

Sequoia Analytical

885 Jarvis Drive
Morgan Hill, CA 95037
(408) 776-9600
FAX (408) 782-6308
www.sequoialabs.com

Blaine Tech Services (Shell)	Project:	Shell	Sampled: 4/3/00
1680 Rogers Avenue	Project Number:	930 Spring town blvd	Received: 4/4/00
San Jose, CA 95112	Project Manager:	Nick Sudano	Reported: 4/19/00 18:20

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

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit / Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Batch: 0D12004	**Date Prepared: 4/12/00**					**Extraction Method: EPA 5030B [P/T]**				
Blank	**0D12004-BLK1**									
Purgeable Hydrocarbons	4/12/00			**ND**	ug/l	**50.0**				
Benzene	"			**ND**	"	**0.500**				
Toluene	"			**ND**	"	**0.500**				
Ethylbenzene	"			**ND**	"	**0.500**				
Xylenes (total)	"			**ND**	"	**0.500**				
Methyl tert-butyl ether	"			**ND**	"	**2.50**				
Surrogate: a,a,a-Trifluorotoluene	"	*10.0*		*10.2*	"	*70-130*	*102*			
LCS	**0D12004-BS1**									
Purgeable Hydrocarbons	4/12/00	250		233	ug/l	70-130	*93.2*			
Surrogate: a,a,a-Trifluorotoluene	"	*10.0*		*11.3*	"	*70-130*	*113*			
Matrix Spike	**0D12004-MS1**	**MJC1092-02**								
Purgeable Hydrocarbons	4/12/00	250	ND	254	ug/l	60-140	**102**			
Surrogate: a,a,a-Trifluorotoluene	"	*10.0*		*9.94*	"	*70-130*	*99.4*			
Matrix Spike Dup	**0D12004-MSD1**	**MJC1092-02**								
Purgeable Hydrocarbons	4/12/00	250	ND	236	ug/l	60-140	**94.4**	*25*	**7.35**	
Surrogate: a,a,a-Trifluorotoluene	"	*10.0*		*12.5*	"	*70-130*	*125*			
Batch: 0D13001	**Date Prepared: 4/13/00**					**Extraction Method: EPA 5030B [P/T]**				
Blank	**0D13001-BLK1**									
Purgeable Hydrocarbons	4/13/00			**ND**	ug/l	**50.0**				
Benzene	"			**ND**	"	**0.500**				
Toluene	"			**ND**	"	**0.500**				
Ethylbenzene	"			**ND**	"	**0.500**				
Xylenes (total)	"			**ND**	"	**0.500**				
Methyl tert-butyl ether	"			**ND**	"	**2.50**				
Surrogate: a,a,a-Trifluorotoluene	"	*10.0*		*8.95*	"	*70-130*	*89.5*			
LCS	**0D13001-BS1**									
Benzene	4/13/00	10.0		9.12	ug/l	70-130	91.2			
Toluene	"	10.0		9.00	"	70-130	90.0			
Ethylbenzene	"	*10.0*		*9.00*	"	*70-130*	*90.0*			
Xylenes (total)	"	30.0		27.5	"	70-130	91.7			
Surrogate: a,a,a-Trifluorotoluene	"	*10.0*		*9.12*	"	*70-130*	*91.2*			

Sequoia Analytical

885 Jarvis Drive
Morgan Hill, CA 95037
(408) 776-9600
FAX (408) 782-6308
www.sequoialabs.com

Blaine Tech Services (Shell)	Project:	Shell	Sampled: 4/3/00
1680 Rogers Avenue	Project Number:	930 Spring town blvd	Received: 4/4/00
San Jose, CA 95112	Project Manager:	Nick Sudano	Reported: 4/19/00 18:20

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

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Matrix Spike	**0D13001-MS1**		**MJD0070-06**							
Benzene	4/13/00	10.0	ND	9.15	ug/l	60-140	**91.5**			
Toluene	"	10.0	ND	9.13	"	60-140	**91.3**			
Ethylbenzene	"	10.0	ND	9.04	"	60-140	**90.4**			
Xylenes (total)	"	30.0	ND	27.7	"	60-140	**92.3**			
Surrogate: a,a,a-Trifluorotoluene	"	*10.0*		*9.12*	"	*70-130*	*91.2*			
Matrix Spike Dup	**0D13001-MSD1**		**MJD0070-06**							
Benzene	4/13/00	10.0	ND	9.45	ug/l	60-140	**94.5**	25	**3.23**	
Toluene	"	10.0	ND	9.36	"	60-140	**93.6**	25	**2.49**	
Ethylbenzene	"	10.0	ND	9.34	"	60-140	**93.4**	25	**3.26**	
Xylenes (total)	"	30.0	ND	28.4	"	60-140	**94.7**	25	**2.50**	
Surrogate: a,a,a-Trifluorotoluene	"	*10.0*		*9.41*	"	*70-130*	*94.1*			
Batch: 0D13003	**Date Prepared: 4/13/00**					**Extraction Method: EPA 5030B [P/T]**				
Blank	**0D13003-BLK1**									
Purgeable Hydrocarbons	4/13/00			**ND**	ug/l	**50.0**				
Benzene	"			**ND**	"	**0.500**				
Toluene	"			**ND**	"	**0.500**				
Ethylbenzene	"			**ND**	"	**0.500**				
Xylenes (total)	"			**ND**	"	**0.500**				
Methyl tert-butyl ether	"			**ND**	"	**2.50**				
Surrogate: a,a,a-Trifluorotoluene	"	*10.0*		*9.63*	"	*70-130*	*96.3*			
LCS	**0D13003-BS1**									
Benzene	4/13/00	10.0		9.79	ug/l	70-130	97.9			
Toluene	"	10.0		9.59	"	70-130	95.9			
Ethylbenzene	"	10.0		9.54	"	70-130	95.4			
Xylenes (total)	"	30.0		28.4	"	70-130	94.7			
Surrogate: a,a,a-Trifluorotoluene	"	*10.0*		*10.3*	"	*70-130*	*103*			
Matrix Spike	**0D13003-MS1**		**MJD0061-09**							
Benzene	4/13/00	10.0	ND	9.35	ug/l	60-140	**93.5**			
Toluene	"	10.0	ND	9.10	"	60-140	**91.0**			
Ethylbenzene	"	10.0	ND	9.04	"	60-140	**90.4**			
Xylenes (total)	"	30.0	ND	27.5	"	60-140	**91.7**			
Surrogate: a,a,a-Trifluorotoluene	"	*10.0*		*9.71*	"	*70-130*	*97.1*			

Sequoia Analytical

885 Jarvis Drive
Morgan Hill, CA 95037
(408) 776-9600
FAX (408) 782-6308
www.sequoialabs.com

Blaine Tech Services (Shell)	Project:	Shell	Sampled: 4/3/00
1680 Rogers Avenue	Project Number:	930 Spring town blvd	Received: 4/4/00
San Jose, CA 95112	Project Manager:	Nick Sudano	Reported: 4/19/00 18:20

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

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Matrix Spike Dup	**0D13003-MSD1**		**MJD0061-09**							
Benzene	4/13/00	10.0	ND	10.1	ug/l	60-140	**101**	25	**7.71**	
Toluene	"	10.0	ND	9.97	"	60-140	**99.7**	25	**9.12**	
Ethylbenzene	"	10.0	ND	10.1	"	60-140	**101**	25	**11.1**	
Xylenes (total)	"	30.0	ND	30.0	"	60-140	**100**	25	**8.70**	
Surrogate: a,a,a-Trifluorotoluene	"	*10.0*		*10.5*	"	*70-130*	*105*			

Sequoia Analytical

885 Jarvis Drive
Morgan Hill, CA 95037
(408) 776-9600
FAX (408) 782-6308
www.sequoialabs.com

Blaine Tech Services (Shell)	Project:	Shell	Sampled: 4/3/00
1680 Rogers Avenue	Project Number:	930 Spring town blvd	Received: 4/4/00
San Jose, CA 95112	Project Manager:	Nick Sudano	Reported: 4/19/00 18:20

MTBE by EPA Method 8260A/Quality Control
Sequoia Analytical - Morgan Hill

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit / Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Batch: 0D19006	**Date Prepared: 4/18/00**					**Extraction Method: EPA 5030B [P/T]**				
Blank	**0D19006-BLK1**									
Methyl tert-butyl ether	4/18/00			**ND**	ug/l	**1.00**				
Surrogate: 1,2-Dichloroethane-d4	"	*10.0*		*10.9*	"	*70-130*	*109*			
LCS	**0D19006-BS1**									
Methyl tert-butyl ether	4/18/00	10.0		9.63	ug/l	70-130	96.3			
Surrogate: 1,2-Dichloroethane-d4	"	*10.0*		*11.0*	"	*70-130*	*110*			
Matrix Spike	**0D19006-MS1**	**MJD0104-01**								
Methyl tert-butyl ether	4/18/00	4000	8610	11900	ug/l	70-130	**82.3**			
Surrogate: 1,2-Dichloroethane-d4	"	*10.0*		*10.7*	"	*70-130*	*107*			
Matrix Spike Dup	**0D19006-MSD1**	**MJD0104-01**								
Methyl tert-butyl ether	4/18/00	4000	8610	10700	ug/l	70-130	**52.3**	25	**10.6**	Q-01
Surrogate: 1,2-Dichloroethane-d4	"	*10.0*		*10.4*	"	*70-130*	*104*			

Sequoia Analytical

885 Jarvis Drive
Morgan Hill, CA 95037
(408) 776-9600
FAX (408) 782-6308
www.sequoialabs.com

Blaine Tech Services (Shell)	Project:	Shell	Sampled: 4/3/00
1680 Rogers Avenue	Project Number:	930 Spring town blvd	Received: 4/4/00
San Jose, CA 95112	Project Manager:	Nick Sudano	Reported: 4/19/00 18:20

Notes and Definitions

#	Note
A-02	This sample did not confirm for MTBE, however there was 2-methyl-pentane present.
I-02	This sample was analyzed outside of the EPA recommended holding time.
P-01	Chromatogram Pattern: Gasoline C6-C12
P-02	Chromatogram Pattern: Weathered Gasoline C6-C12
Q-01	The spike recovery for this QC sample is outside of established control limits. Review of associated batch QC indicates the recovery for this analyte does not represent an out-of-control condition for the batch.
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
Recov.	Recovery
RPD	Relative Percent Difference

BLAINE
TECH SERVICES, INC.

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

CHAIN OF

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 7JD0070 4 5 17

SPECIAL INSTRUCTIONS

Send invoice to Equiva

Incident # 91995053

Send report to Blaine Tech Services, Inc.

ATTN: ~~Ann Pember~~ NICK SUDANO

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-A	4/3/00	1135	W	3	40ml		X	X							1
MW-B		1109			HCL		X	X				* Confirm highest MTBE			2
MW-1		946			VOAS		X	X				concentration by EPA 8260			3
MW-2		932					X	X							4
MW-3		1044					X	X							5
MW-4		1026					X	X							6
MW-5		1155					X	X							7
MW-8		912					X	X							8
															9
															10

SAMPLING COMPLETED	DATE	TIME
	4/3/00	1155

SAMPLING PERFORMED BY: MATTHEW SMITH

RESULTS NEEDED NO LATER THAN

RELEASED BY	DATE	TIME	RECEIVED BY	DATE	TIME
Matthew Smith	4/4/00	4:05		4-4	1650
RELEASED BY	DATE	TIME	RECEIVED BY	DATE	TIME
			(MH)	4/4/00	17:17
RELEASED BY	DATE	TIME	RECEIVED BY	DATE	TIME

SHIPPED VIA	DATE SENT	TIME SENT	COOLER #	

BLAINE
TECH SERVICES, INC.

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

CHAIN OF

CLIENT: Equiva - Karen Petryna

SITE: 930 Springtown Blvd.
Livermore, CA

CONDUCT ANALYSIS TO DETECT

LAB: Sequoia | DHS #

ALL ANALYSES MUST MEET SPECIFICATIONS AND DETECTION LIMITS SET BY CALIFORNIA DHS AND
☐ EPA ☐ RWQCB REGION
☐ LIA
☐ OTHER MTD0070 5 17

SPECIAL INSTRUCTIONS

Send invoice to Equiva

Incident # 91995053

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 #
MW-A	4/3/00	1135	W	3	40ml		X	X										1
MW-B		1109			HCL		X	X							* Confirm highest MTBE concentration by EPA 8260			2
MW-1		946			VOAS		X	X										3
MW-2		932					X	X										4
MW-3		1044					X	X										5
MW-4		1026					X	X										6
MW-5		1155					X	X										7
MW-8		912					X	X										8

SAMPLING COMPLETED	DATE	TIME	SAMPLING PERFORMED BY	RESULTS NEEDED NO LATER THAN
	4/3/00	1155	MATTHEW SMITH	

RELEASED BY	DATE	TIME	RECEIVED BY	DATE	TIME
Matthew Smith	4/4/00	4:05		4-4	16:5
RELEASED BY	DATE	TIME	RECEIVED BY	DATE	TIME
			(MH)	4/4/00	17:17
RELEASED BY	DATE	TIME	RECEIVED BY	DATE	TIME

SHIPPED VIA	DATE SENT	TIME SENT	COOLER #	

WELL GAUGING DATA

Project # 000403-K1 Date 4/3/00 Client Equiva

Site 930 Springtown Blvd Livermore, 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	
7	MW-A	2					10.41	16.29		
6	MW-B	2					8.14	22.11		
3	MW-1	4					10.05	25.38		
2	MW-2	4					8.31	22.46		
5	MW-3	4					9.78	24.50		
4	MW-4	3					9.24	24.95		
8	MW-5	2					11.64	21.49		
1	MW-8	4					14.76	24.05		

EQUIVA WELL MONITORING DATA SHEET

Project #: 000303-21	Job # 618571050
Sampler: MATT	Date: 4/3/00
Well I.D.: MW-A	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth: 16.29	Depth to Water: 10.41
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH

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

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

Sampling Method: (Bailer) Extraction Port
Other: ___

09 (1 Case Volume (Gals.)) X 3 (Specified Volumes) = 2.7 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
1129	65.3	7.19	1159	>200	1	cloudy / odor
1131	64.5	7.22	1282	>200	2	
1133	643	7.26	1368	>200	3	✓

Did well dewater? Yes (No)		Gallons actually evacuated: 3	
Sampling Time: 1135		Sampling Date: 4/3/00	
Sample I.D.: MW-A		Laboratory: (Sequoia) BC Other ___	
Analyzed for: (TPH-G) (BTEX) (MTBE) TPH-D		Other:	
D.O. (if req'd):	Pre-purge:	mg/L	Post-purge: mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge: mV

EQUIVA WELL MONITORING DATA SHEET

Project #: 000303-11	Job # 6185710S0
Sampler: MATT	Date: 4/3/00
Well I.D.: MW-B	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 22.11	Depth to Water: 8.14
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH

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

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

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

2.2 (1 Case Volume (Gals.)) X 3 (Specified Volumes) = 6.6 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
1058	64.7	7.64	1938	141	2.2	odor / sheen
1103	64.1	7.71	1981	121	4.4	↓
1107	63.7	7.71	1992	104	7.0	↓

Did well dewater? Yes (No)	Gallons actually evacuated: 7
Sampling Time: 1109	Sampling Date: 4/3/00
Sample I.D.: MW-B	Laboratory: (Sequoia) BC Other ____
Analyzed for: (TPH-G) (BTEX) MTBE TPH-D	Other:

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

EQUIVA WELL MONITORING DATA SHEET

Project #: 000403-21	Job # 618571050
Sampler: MATT	Date: 4/3/00
Well I.D.: MW-1	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: 25.38	Depth to Water: 10.65
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH

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

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

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

9.6 (1 Case Volume (Gals.)) X 3 (Specified Volumes) = 28.8 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
940	65.3	7.15	2290	>200	10	cloudy
942	64.7	7.11	2305	>200	20	↓
943	64.8	7.16	2308	>200	30	↓

Did well dewater? Yes (No)	Gallons actually evacuated: 30
Sampling Time: 946	Sampling Date: 4/3/00
Sample I.D.: MW-1	Laboratory: (Sequoia) BC Other _____
Analyzed for: (TPH-G) (BTEX) MTBE TPH-D	Other:
D.O. (if req'd): Pre-purge:	mg/L Post-purge: mg/L
O.R.P. (if req'd): Pre-purge:	mV Post-purge: mV

EQUIVA WELL MONITORING DATA SHEET

Project #: 000303-21	Job # 618571050
Sampler: MATT	Date: 4/3/00
Well I.D.: MW-2	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth: 22.46	Depth to Water: 8.31
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH

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

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

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

9.2 (1 Case Volume (Gals.)) X 3 (Specified Volumes) = 27.6 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
925	64.6	7.18	2060	>200	9.5	cloudy
927	64.9	7.24	2118	>200	19	"
928	65.6	7.25	2145	>200	28	"

Did well dewater? Yes (No)		Gallons actually evacuated: 28	
Sampling Time: 932		Sampling Date: 4/3/00	
Sample I.D.: MW-2		Laboratory: (Sequoia) BC Other ____	
Analyzed for: (TPH-G) (BTEX) MTBE TPH-D		Other:	
D.O. (if req'd): Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd): Pre-purge:	mV	Post-purge:	mV

EQUIVA WELL MONITORING DATA SHEET

Project #: 000403-21	Job # 618571050
Sampler: MATT	Date: 4/3/00
Well I.D.: MW-3	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth: 24.50	Depth to Water: 9.78
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH

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

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

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

9.6	X	3	=	28.8 Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
1038	67.3	7.26	2134	107	10	
1039	66.7	7.26	2151	87	20	
1041	66.8	7.29	2158	93	30	

Did well dewater? Yes (No)		Gallons actually evacuated: 30	
Sampling Time: 1044		Sampling Date: 4/3/00	
Sample I.D.: MW-3		Laboratory: (Sequoia) BC Other ____	
Analyzed for: (TPH-G) (BTEX) MTBE TPH-D	Other:		
D.O. (if req'd): Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd): Pre-purge:	mV	Post-purge:	mV

EQUIVA WELL MONITORING DATA SHEET

Project #: 000403-21	Job # 618571050
Sampler: MATT	Date: 4/3/00
Well I.D.: MW-4	Well Diameter: 2 (3) 4 6 8 ____
Total Well Depth: 24.95	Depth to Water: 9.24
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH

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

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

Sampling Method: (Bailer) Extraction Port Other: ____

5.8 (1 Case Volume (Gals.)) X 3 (Specified Volumes) = 17.4 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
1011	66.2	7.79	1411	>200	6	cloudy
1017	66.2	7.68	1393	>200	12	↓
1023	66.8	7.63	1371	74	18	↓

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

Sampling Time: 1026 Sampling Date: 4/3/00

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

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

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

EQUIVA WELL MONITORING DATA SHEET

Project #: 000403-41	Job # 618571050
Sampler: MATT	Date: 4/3/00
Well I.D.: MW-5	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 21.49	Depth to Water: 11.64
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH

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

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

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

1.6 (1 Case Volume (Gals.)) X 3 (Specified Volumes) = 4.8 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
1147	65.2	7.23	1574	7200	1.6	odor/grey/cloudy
1150	64.9	7.33	1620	7200	3.2	↓
1153	65.0	7.40	1702	7200	5.0	

Did well dewater? Yes (No)		Gallons actually evacuated: 5		
Sampling Time: 1155		Sampling Date: 4/3/00		
Sample I.D.: MW-5		Laboratory: (Sequoia) BC Other ____		
Analyzed for: (TPH-G) (BTEX) MTBE TPH-D	Other:			
D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

BLAINE
TECH SERVICES INC.

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

WELLHEAD INSPECTION CHECKLIST

Client Equva

Site Address 930 Springtown Blvd Livermor

Technician MATT

Date 4/3/00

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

Note below all defiencies 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