CAMBRIA

ENVIRONMENTAL PROTECTION

00 MAR 34 AM 11:38

March 28, 2000

Mr. Don Hwang
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

Re: **First Quarter 2000 Monitoring Report**
Former Shell Service Station
2703 Martin Luther King Jr. Way
Oakland, California
Incident #97093397
Cambria Project #242-0781-002

Dear Mr. Hwang:

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

FIRST QUARTER 2000 ACTIVITIES

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

Corrective Action Plan Request: In order to address the issues brought forth in the Alameda County Health Care Services Agency (ACHCSA) correspondence dated September 23, 1999, Cambria submitted responses dated December 10, 1999 and January 27, 2000. Upon ACHCSA approval, Cambria will proceed with the proposed activities.

ANTICIPATED SECOND QUARTER 2000 ACTIVITIES

Groundwater Monitoring: Blaine will gauge and sample all wells and tabulate the data. Cambria will prepare a monitoring report.

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

Cambria Environmental Technology, Inc.

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

CLOSING

We appreciate the opportunity to work with you on this project. Please call Troy Buggle at (510) 420-3333 if you have any questions or comments.

Sincerely,
Cambria Environmental Technology, Inc

Troy A. Buggle
Senior Staff Scientist

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

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

cc: Karen Petryna, Equiva Services LLC, P.O. Box 7869, Burbank, California 91510-7869
Matthew Dudley, Burnham and Brown, 1901 Harrison Street, Oakland, California 94612
Rodney & Janet Kwan, 1834 Alameda Ave., Alameda, CA 94501

g:\oak2703\qm\1q00qm.doc

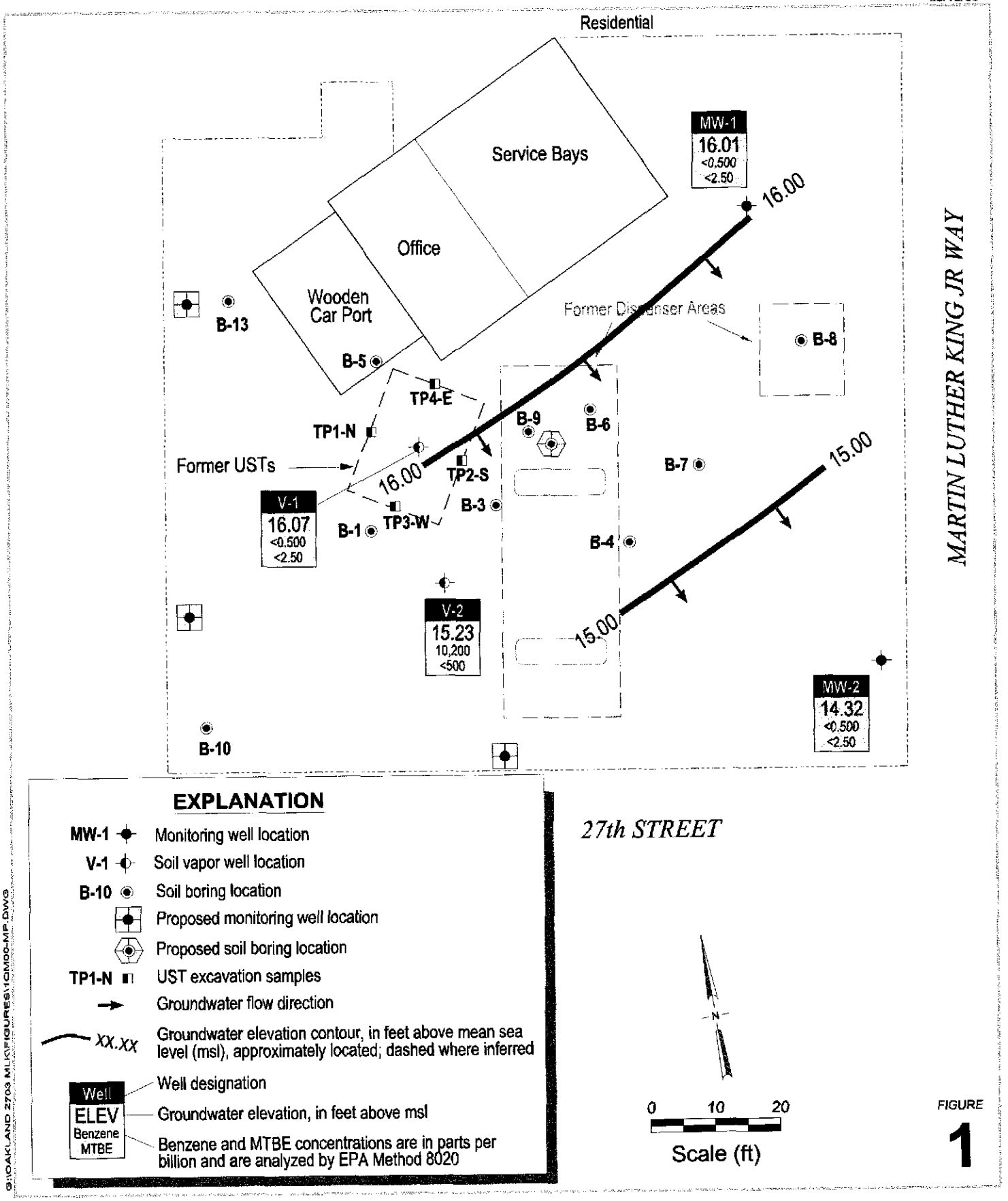

FIGURE 1

G:\OAKLAND 2703 MLK\FIGURES\1GM00-MP.DWG

Former Shell Service Station
2703 Martin Luther King, Jr. Way
Oakland, California
Incident #97093397

CAMBRIA

Groundwater Elevation Contour Map

January 27, 2000

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/jh

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

cc: Anni Kreml
Cambria Environmental Technology, Inc.
1144 65th Street, Suite C
Oakland, CA 94608-2411

WELL CONCENTRATIONS
Shell-branded Service Station
2703 Martin Luther King Way
Oakland, CA
Wic #204-5508-1701

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)	SPH Thickness (ft.)
MW-1 (B-11)	08/02/1996	NA	NA	NA	NA	NA	NA	NA	23.53	NA	NA	NA
MW-1 (B-11)	08/05/1996	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	23.53	8.76	14.77	NA
MW-1 (B-11) (D)	08/05/1996	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	23.53	NA	NA	NA
MW-1 (B-11)	10/17/1996	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	23.53	9.88	13.65	NA
MW-1 (B-11)	01/08/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	23.53	6.82	16.71	NA
MW-1 (B-11)	04/07/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	23.53	7.89	15.64	NA
MW-1 (B-11)	07/02/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	23.53	8.71	14.82	NA
MW-1 (B-11)	10/24/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	23.53	9.26	14.27	NA
MW-1 (B-11)	01/09/1998	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	23.53	7.94	15.59	NA
MW-1 (B-11)	04/02/1998	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	23.53	7.21	16.32	NA
MW-1 (B-11)	07/14/1998	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	23.53	7.78	15.75	NA
MW-1 (B-11)	10/01/1998	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	23.53	8.39	15.14	NA
MW-1 (B-11)	01/18/1999	<50.0	<0.500	0.785	<0.500	<0.500	2.36	NA	23.53	8.28	15.25	NA
MW-1 (B-11)	04/29/1999	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	23.53	8.41	15.12	NA
MW-1 (B-11)	08/23/1999	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	23.53	8.17	15.36	NA
MW-1 (B-11)	10/06/1999	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	NA	23.53	9.37	14.16	NA
MW-1 (B-11)	01/27/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	23.53	7.52	16.01	NA
MW-2 (B-12)*	07/17/1996	<50	<0.50	0.69	<0.50	<0.50	<2.5	NA	22.47	NA	NA	NA
MW-2 (B-12)*	08/05/1996	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	22.47	8.35	14.12	NA
MW-2 (B-12)*	10/17/1996	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	22.47	9.32	13.15	NA
MW-2 (B-12) (D)*	10/17/1996	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	22.47	NA	NA	NA
MW-2 (B-12)*	01/08/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	22.47	6.80	15.67	NA
MW-2 (B-12) (D)*	01/08/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	22.47	NA	NA	NA
MW-2 (B-12)*	04/07/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	22.47	7.81	14.66	NA
MW-2 (B-12)*	07/02/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	22.47	8.27	14.20	NA

WELL CONCENTRATIONS
Shell-branded Service Station
2703 Martin Luther King Way
Oakland, CA
Wic #204-5508-1701

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)	SPH Thickness (ft.)
MW-2 (B-12)*	10/24/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	22.47	9.12	13.35	NA
MW-2 (B-12)*	01/09/1998	<50	<0.50	<0.50	<0.50	<0.50	6.3	NA	22.47	7.41	15.06	NA
MW-2 (B-12)*	04/02/1998	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	22.47	6.59	15.88	NA
MW-2 (B-12)*	07/14/1998	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	22.47	7.49	14.98	NA
MW-2 (B-12)*	10/01/1998	<50	<0.50	<0.50	<0.50	0.59	<2.5	NA	22.47	8.58	13.89	NA
MW-2 (B-12)*	01/18/1999	<50.0	<0.500	0.971	<0.500	<0.500	2.47	NA	22.47	8.68	13.79	NA
MW-2 (B-12)*	04/29/1999	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	22.47	8.62	13.85	NA
MW-2 (B-12)*	08/23/1999	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	22.47	7.43	15.04	NA
MW-2 (B-12)*	10/06/1999	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	NA	22.47	9.00	13.47	NA
MW-2 (B-12)*	01/27/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	22.47	8.15	14.32	NA
B-10 *	07/17/1996	20000	400	<100	<100	870	<500	NA	NA	NA	NA	NA
B-13*	07/17/1996	290000	34000	21000	9900	47000	<2500	NA	NA	NA	NA	NA
V-1	08/02/1996	NA	NA	NA	NA	NA	NA	NA	23.26	NA	NA	NA
V-1	08/05/1996	NA	NA	NA	NA	NA	NA	NA	23.26	8.58	14.68	NA
V-1	10/17/1996	NA	NA	NA	NA	NA	NA	NA	23.26	10.02	13.24	NA
V-1	01/16/1997	9500	1200	250	280	880	<50	NA	23.26	5.55	17.71	NA
V-1	04/07/1997	2200	42	<5.0	130	15	<25	NA	23.26	7.40	15.86	NA
V-1	07/02/1997	2600	340	5.8	49	12	74	<4.0	23.26	8.94	14.32	NA
V-1	10/24/1997	57000	5200	2300	3600	16000	1900	<200	23.26	9.43	13.83	NA
V-1	01/09/1998	23000	2400	1700	1300	2300	310	NA	23.26	6.81	16.45	NA
V-1 (D)	01/09/1998	24000	2500	1800	1400	2400	450	NA	23.26	NA	NA	NA
V-1	04/02/1998	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	23.26	4.58	18.68	NA
V-1 (D)	04/02/1998	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	23.26	NA	NA	NA
V-1	07/14/1998	160	1.9	<0.50	4.2	<0.50	6.1	NA	23.26	7.51	15.75	NA

WELL CONCENTRATIONS
Shell-branded Service Station
2703 Martin Luther King Way
Oakland, CA
Wic #204-5508-1701

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)	SPH Thickness (ft.)
V-1	10/01/1998	440	18	<0.50	11	0.80	7.9	NA	23.26	8.49	14.77	NA
V-1	01/18/1999	697	55.7	0.839	28.2	<0.500	9.35	NA	23.26	8.59	14.67	NA
V-1	04/29/1999	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	23.26	8.69	14.57	NA
V-1	08/23/1999	457	33.4	3.59	16.3	<0.500	13.9	NA	23.26	8.99	14.27	NA
V-1	10/06/1999	714	53.7	0.740	8.69	<0.500	9.83	NA	23.26	9.55	13.71	NA
V-1	01/27/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	23.26	7.19	16.07	NA
V-2	08/02/1996	NA	NA	NA	NA	NA	NA	NA	22.80	NA	NA	NA
V-2	08/05/1996	NA	NA	NA	NA	NA	NA	NA	22.80	7.94	14.86	NA
V-2	10/17/1996	NA	NA	NA	NA	NA	NA	NA	22.80	9.30	13.50	NA
V-2	01/08/1997	69000	4800	2800	2700	13000	750	NA	22.80	5.82	16.98	NA
V-2	04/07/1997	90000	4400	1900	3300	14000	<500	NA	22.80	7.10	15.70	NA
V-2 (D)	04/07/1997	77000	4400	2000	3200	14000	<250	NA	22.80	NA	NA	NA
V-2	07/02/1997	82000	5500	2700	3500	16000	530	<100	22.80	8.35	14.45	NA
V-2 (D)	07/02/1997	85000	5600	2800	3600	17000	520	<100	22.80	NA	NA	NA
V-2	10/24/1997	7300	1100	97	230	180	91	<12	22.80	10.03	12.77	NA
V-2 (D)	10/24/1997	12000	1700	340	650	630	120	<20	22.80	NA	NA	NA
V-2	01/09/1998	40000	4100	1500	2500	9000	280	NA	22.80	6.94	15.86	NA
V-2	04/02/1998	62000	6800	2400	3400	14000	<250	NA	22.80	5.35	17.45	NA
V-2	07/14/1998	43000	4700	1100	2500	6600	<250	NA	22.80	6.48	16.32	NA
V-2 (D)	07/14/1998	48000	5100	1300	2600	8100	<250	NA	22.80	NA	NA	NA
V-2	10/01/1998	53000	5200	1800	3200	10000	83	NA	22.80	8.41	14.39	NA
V-2 (D)	10/01/1998	55000	5300	1900	3300	11000	65	NA	22.80	NA	NA	NA
V-2	01/18/1999	47100	5800	1960	3450	10200	<100	NA	22.80	8.29	14.51	NA
V-2	04/29/1999	65000	6100	2800	3200	12000	540	NA	22.80	8.19	14.61	NA
V-2	08/23/1999	59600	6240	2190	3900	14700	390	NA	22.80	8.44	14.36	NA
V-2	10/06/1999	63800	4820	1860	2840	11100	<1000	NA	22.80	8.96	13.84	NA

WELL CONCENTRATIONS
Shell-branded Service Station
2703 Martin Luther King Way
Oakland, CA
Wic #204-5508-1701

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)	SPH Thickness (ft.)
V-2	01/27/2000	59600	10200	2840	3450	12100	<500	NA	22.80	7.57	15.23*	NA*

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

Notes:
* = Water sample from Boring

Sequoia Analytical

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

February 12, 2000

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

RE: Equiva 2703 Martin Luther King Jr. Way, Oakland

Dear Nick Sudano

Enclosed are the results of analyses for sample(s) received by the laboratory on January 28, 2000.
If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Kayvan Kimyai
Project Manager D.M.

CA ELAP Certificate Number 1210

Sequoia Analytical

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

Blaine Tech Services (Shell)	Project:	Equiva	Sampled: 1/27/00
1680 Rogers Avenue	Project Number:	2703 Martin Luther King	Received: 1/28/00
San Jose, CA 95112	Project Manager:	Nick Sudano	Reported: 2/12/00 14:40

ANALYTICAL REPORT FOR SAMPLES:

Sample Description	Laboratory Sample Number	Sample Matrix	Date Sampled
MW-1	MJA0196-01	Water	1/27/00
MW-2	MJA0196-02	Water	1/27/00
V-1	MJA0196-03	Water	1/27/00
V-2	MJA0196-04	Water	1/27/00

Kayvan Kimyai, Project Manager D.M.

Sequoia Analytical

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

Blaine Tech Services (Shell)	Project:	Equiva	Sampled: 1/27/00
1680 Rogers Avenue	Project Number:	2703 Martin Luther King	Received: 1/28/00
San Jose, CA 95112	Project Manager:	Nick Sudano	Reported: 2/12/00 14:40

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-1			**MJA0196-01**				**Water**	
Purgeable Hydrocarbons	0B07005	2/7/00	2/7/00	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*		*101*	%	
MW-2			**MJA0196-02**				**Water**	
Purgeable Hydrocarbons	0B07005	2/7/00	2/7/00	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*		*99.0*	%	
V-1			**MJA0196-03**				**Water**	
Purgeable Hydrocarbons	0B07005	2/7/00	2/7/00	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*		*107*	%	
V-2			**MJA0196-04**				**Water**	
Purgeable Hydrocarbons	0B07005	2/7/00	2/7/00	DHS LUFT	10000	**59600**	ug/l	P-01
Benzene	"	"	"	DHS LUFT	100	**10200**	"	
Toluene	"	"	"	DHS LUFT	100	**2840**	"	
Ethylbenzene	"	"	"	DHS LUFT	100	**3450**	"	
Xylenes (total)	"	"	"	DHS LUFT	100	**12100**	"	
Methyl tert-butyl ether	"	"	"	DHS LUFT	500	ND	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*70-130*		*107*	%	

Sequoia Analytical

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

Blaine Tech Services (Shell)	Project:	Equiva	Sampled: 1/27/00
1680 Rogers Avenue	Project Number:	2703 Martin Luther King	Received: 1/28/00
San Jose, CA 95112	Project Manager:	Nick Sudano	Reported: 2/12/00 14:40

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: 0B07005	**Date Prepared: 2/7/00**					**Extraction Method: EPA 5030B [P/T]**				
Blank	**0B07005-BLK1**									
Purgeable Hydrocarbons	2/7/00			**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*		*9.52*	"	*70-130*	*95.2*			
LCS	**0B07005-BS1**									
Purgeable Hydrocarbons	2/7/00	250		217	ug/l	70-130	86.8			
Surrogate: a,a,a-Trifluorotoluene	"	*10.0*		*13.3*	"	*70-130*	*133*			*S-03*
Matrix Spike	**0B07005-MS1**		**MJA0198-05**							
Purgeable Hydrocarbons	2/7/00	250	ND	230	ug/l	60-140	**92.0**			
Surrogate: a,a,a-Trifluorotoluene	"	*10.0*		*7.78*	"	*70-130*	*77.8*			
Matrix Spike Dup	**0B07005-MSD1**		**MJA0198-05**							
Purgeable Hydrocarbons	2/7/00	250	ND	240	ug/l	60-140	**96.0**	25	**4.26**	
Surrogate: a,a,a-Trifluorotoluene	"	*10.0*		*7.90*	"	*70-130*	*79.0*			

Sequoia Analytical

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

Blaine Tech Services (Shell)	Project:	Equiva	Sampled: 1/27/00
1680 Rogers Avenue	Project Number:	2703 Martin Luther King	Received: 1/28/00
San Jose, CA 95112	Project Manager:	Nick Sudano	Reported: 2/12/00 14:40

Notes and Definitions

#	Note
P-01	Chromatogram Pattern: Gasoline C6-C12
S-03	The surrogate recovery for this sample is outside of established control limits. Review of associated QC indicates the recovery for this surrogate does not represent an out-of-control condition.
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 000127 C4

CLIENT: Equiva - Karen Petryna

SITE: 2703 Martin Luther King JR Way
Oakland, CA

C = COMPOSITE ALL CONTAINERS

CONDUCT ANALYSIS TO DETECT

LAB: Sequoia DHS #

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

MJA0194

SPECIAL INSTRUCTIONS

Send invoice to Equiva

Incident # 97093397

Sent report to Blaine Tech Services, Inc.

ATTN: Ann Pember

SAMPLE I.D.	DATE	TIME	MATRIX S=SOIL W=H_2O	CONTAINERS TOTAL	TPH - gas, BTEX	MTBE by 8020	MTBE by 8260	TPH - diesel	Oxygenates by 8260	ADD'L INFORMATION	STATUS	CONDITION	LAB SAMPLE #
MW-1	1/27/00	1710	W	3	X	X							1
MW-2		1730			X	X							2
V-1		1750			X	X							3
V-2		1800			X	X							4

SAMPLING COMPLETED	DATE	TIME	SAMPLING PERFORMED BY
	1/27/00	1810	Jeff Smyly

RESULTS NEEDED NO LATER THAN

RELEASED BY	DATE	TIME	RECEIVED BY	DATE	TIME
	1/28/00	8:45		1/28/00	8:45
	1/28/00			1/28	1113

SHIPPED VIA	DATE SENT	TIME SENT	COOLER #

WELL GAUGING DATA

Project # 000127 C4 Date 1/27/99 Client Equiva

Site 2703 MLK JR WAY OAKLAND

Well ID	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC	
MW-1	2					7.52	20.11	TOC	
MW-2	2					8.15	19.41		
V-1	2					7.19	12.83		
V-2	2					7.57	13.08		

EQUIVA WELL MONITORING DATA SHEET

Project #: 000127 C4	Job #
Sampler: Jeff	Date: 1/27/00
Well I.D.: MW-1	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth: 20.11	Depth to Water: 7.52
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: _____

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

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
1710	65.3	6.9	1481			
NO PURGE						

Did well dewater? Yes No		Gallons actually evacuated:	
Sampling Time: ~~1515~~ 1710		Sampling Date: 1/27/00	
Sample I.D.:		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 #: 000127 - C4	Job #
Sampler: Jeff	Date: 1/27/00
Well I.D.: MW-2	Well Diameter: 2 3 4 6 8 ___
Total Well Depth: 19.41	Depth to Water: 8.15
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 Case Volume (Gals.)) X _____ (Specified Volumes) = _____ Gals. (Calculated Volume)

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
1725	64.5	6.9	1165			
NO	PURGE					

Did well dewater? Yes No	Gallons actually evacuated:		
Sampling Time: ~~1530~~ 1730	Sampling Date: 1/27/00		
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 #: 00012704	Job #
Sampler: Jeff	Date: 1/27/00
Well I.D.: V-1	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth: 12.83	Depth to Water: 7.19
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 Case Volume (Gals.)) X ___ (Specified Volumes) = ___ (Calculated Volume) Gals.

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
1745 ~~1545~~	61.0	6.8	913			
NO	PURGE					

Did well dewater? Yes No — Gallons actually evacuated:

Sampling Time: ~~1556~~ 1750 — Sampling Date: 1/27/00

Sample I.D.: V-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

SHELL WELL MONITORING DATA SHEET

Project #: 000127 C4	WIC #:
Sampler: Jeff	Date: 1/27/00
Well I.D.: V-2	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth: 13.08	Depth to Water: ~~5.5~~ 7.57
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: _____

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

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
1155	63.3	6.6	1526			
NO	PURGE					

Did well dewater? Yes No	Gallons actually evacuated:
Sampling Time: 1900	Sampling Date:
Sample I.D.: V-2	Laboratory: (Sequoia) Crosby
Analyzed for: (TPH-G BTEX MTBE) TPH-D	Other:
Equipment Blank I.D.: @ Time	Duplicate I.D.:
Analyzed for: TPH-G BTEX MTBE TPH-D	Other:
D.O. (if req'd): Pre-purge: ___ mg/L	Post-purge: ___ mg/L