CAMBRIA

ONMENTAL
TECTION

00 -3 AM 9:16

February 28, 2000

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

Re: **Fourth Quarter 1999 Monitoring Report**
Shell-branded Service Station
105 Fifth Street
Oakland, California
Incident #98995757
Cambria Project #241-0472-002

Dear Mr. Seto:

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

FOURTH QUARTER 1999 ACTIVITIES

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

Investigation Work Plan: On November 30, 1999, Cambria submitted a work plan for further subsurface investigations as requested in an Alameda County Health Care Services Agency (ACHCSA) letter dated October 15, 1999. The work plan, which proposed three soil borings and one monitoring well, was approved in an ACHCSA letter dated December 14, 1999.

ANTICIPATED FIRST QUARTER 2000 ACTIVITIES

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

Oakland, CA
Sonoma, CA
Portland, OR
Seattle, WA

Cambria Environmental Technology, Inc.

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

Investigation and Monitoring Well Installation: Cambria is currently obtaining an encroachment permit and bond from the City of Oakland to conduct the proposed investigation and monitoring well installation.

Vacuum Tank Truck Operations: Due to concentration of MTBE in wells MW-2 and MW-3, Cambria will coordinate ground water extraction from both wells for four weekly events and monthly thereafter. A vacuum tank truck will use down-well extraction pipes to purge wells MW-2 and MW-3. Vacuum truck operations will be initiated following the first quarter 2000 sampling event and conducted until the second quarter 2000 sampling event. A summary and evaluation of vacuum truck operations will be presented in the second quarter 2000 monitoring report.

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 Buggle
Senior Staff Scientist

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

REGISTERED GEOLOGIST
AILSA S. LE MAY
NO. 6717
STATE OF CALIFORNIA

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

cc: Karen Petryna, Equiva Services LLC, P.O. Box 7869, Burbank, California 91501-7869
Arthur R. and Mary A. Hansen, Trs., et al, 820 Loyola Drive, Los Altos, CA 94024

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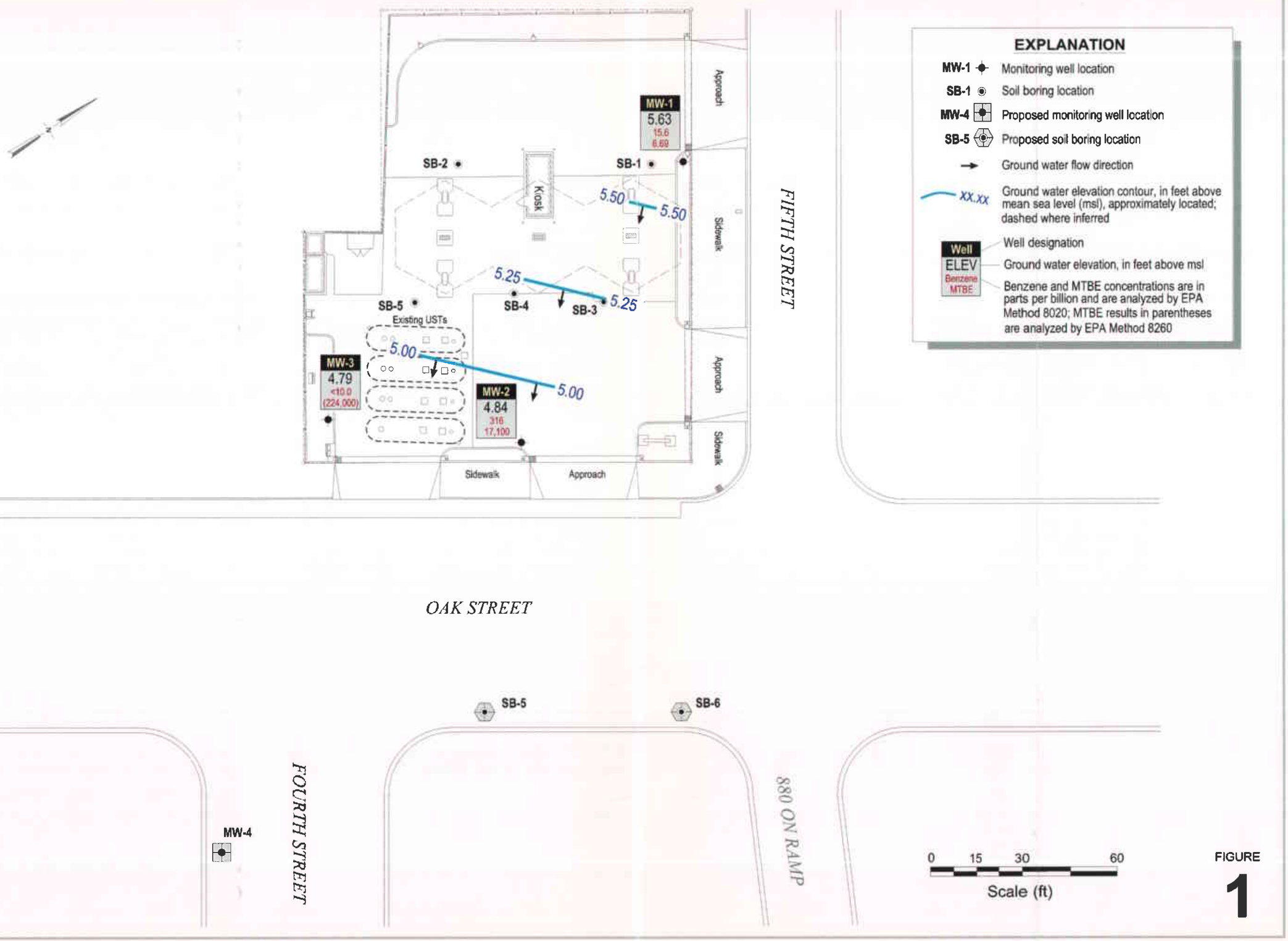

Ground Water Elevation Contour Map

November 1, 1999

CAMBRIA

Shell-branded Service Station
105 Fifth Street
Oakland, California
Incident #98995757

FIGURE
1

ATTACHMENT A

Blaine Ground Water Monitoring Report
and Field Notes

BLAINE
TECH SERVICES INC.

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

November 29, 1999

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

Fourth Quarter 1999 Groundwater Monitoring at
Shell-branded Service Station
105 5th Street
Oakland, CA

Monitoring performed on November 1, 1999

Groundwater Monitoring Report **991101-N-3**

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

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
105 5th Street
Oakland, 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)	D.O. Reading mg/L
MW-1	07/20/1999	NA	NA	NA	NA	NA	NA	NA	12.22	17.56	-5.34	NA
MW-1	07/23/1999	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	<2.00	12.22	6.45	5.77	NA
MW-1	11/01/1999	100	15.6	3.12	4.04	12.6	6.69	NA	12.22	6.59	5.63	0.5/0.7
MW-2	07/20/1999	NA	NA	NA	NA	NA	NA	NA	10.87	18.24	-7.37	NA
MW-2	07/23/1999	13,800	1,790	<100	<100	682	29,900	29,400	10.87	5.98	4.89	NA
MW-2	11/01/1999	2,420	316	10.8	119	44.2	17,000	NA	10.87	6.03	4.84	0.5/0.3
MW-3	07/20/1999	NA	NA	NA	NA	NA	NA	NA	11.27	19.07	-7.80	NA
MW-3	07/23/1999	128	<0.500	<0.500	<0.500	<0.500	404,000	324,000	11.27	6.43	4.84	NA
MW-3	11/01/1999	<1,000	<10.0	<10.0	<10.0	<10.0	169,000	224,000	11.27	6.48	4.79	0.5/0.3

Abbreviations:

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

TEPH = Total petroleum hydrocarbons as diesel by modified EPA Method 8015

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

MTBE = methyl-tertiary-butyl ether

TOC = Top of Casing Elevation

GW = Groundwater

ug/L = parts per billion

msl = Mean sea level

ft = Feet

<n = Below detection limit

NA = Not applicable

n/n = Pre-purge/Post-purge

Sequoia Analytical

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

November 15, 1999

Leah Davis
Blaine Tech Services (Shell)
1680 Rogers Avenue
San Jose, CA 95112

RE: Equiva 105 5th Street, Oakland/M911045

Dear Leah Davis

Enclosed are the results of analyses for sample(s) received by the laboratory on November 2, 1999. 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: 11/1/99
1680 Rogers Avenue	Project Number:	105 5th Street	Received: 11/2/99
San Jose, CA 95112	Project Manager:	Leah Davis	Reported: 11/15/99

ANALYTICAL REPORT FOR M911045

Sample Description	Laboratory Sample Number	Sample Matrix	Date Sampled
MW-1	M911045-01	Water	11/1/99
MW-2	M911045-02	Water	11/1/99
MW-3	M911045-03	Water	11/1/99

Sequoia Analytical

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

Blaine Tech Services (Shell)	Project:	Equiva	Sampled: 11/1/99
1680 Rogers Avenue	Project Number:	105 5th Street	Received: 11/2/99
San Jose, CA 95112	Project Manager:	Leah Davis	Reported: 11/15/99

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

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
MW-1			**M911045-01**				**Water**	
Purgeable Hydrocarbons	9110332	11/10/99	11/10/99		50.0	**100**	ug/l	1
Benzene	"	"	"		0.500	**15.6**	"	
Toluene	"	"	"		0.500	**3.12**	"	
Ethylbenzene	"	"	"		0.500	**4.04**	"	
Xylenes (total)	"	"	"		0.500	**12.6**	"	
Methyl tert-butyl ether	"	"	"		2.50	**6.69**	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*70.0-130*		*105*	%	
MW-2			**M911045-02**				**Water**	
Purgeable Hydrocarbons	9110332	11/10/99	11/10/99		250	**2420**	ug/l	1
Benzene	"	"	"		2.50	**316**	"	
Toluene	"	"	"		2.50	**10.8**	"	
Ethylbenzene	"	"	"		2.50	**119**	"	
Xylenes (total)	"	"	"		2.50	**44.2**	"	
Methyl tert-butyl ether	"	"	11/11/99		125	**17000**	"	2
Surrogate: a,a,a-Trifluorotoluene	"	"	*11/10/99*	*70.0-130*		*217*	%	*3*
MW-3			**M911045-03**				**Water**	
Purgeable Hydrocarbons	9110332	11/10/99	11/10/99		1000	ND	ug/l	
Benzene	"	"	"		10.0	ND	"	
Toluene	"	"	"		10.0	ND	"	
Ethylbenzene	"	"	"		10.0	ND	"	
Xylenes (total)	"	"	"		10.0	ND	"	
Methyl tert-butyl ether	"	"	11/11/99		2500	**169000**	"	2
Surrogate: a,a,a-Trifluorotoluene	"	"	*11/10/99*	*70.0-130*		*184*	%	*3*

Sequoia Analytical

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Morgan Hill, CA 95037
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FAX (408) 782-6308

Blaine Tech Services (Shell)	Project:	Equiva	Sampled: 11/1/99
1680 Rogers Avenue	Project Number:	105 5th Street	Received: 11/2/99
San Jose, CA 95112	Project Manager:	Leah Davis	Reported: 11/15/99

MTBE by EPA Method 8260A
Sequoia Analytical - Morgan Hill

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
MW-3			**M911045-03**				**Water**	
Methyl tert-butyl ether	9110429	11/12/99	11/12/99		5000	**224000**	ug/l	
Surrogate: 1,2-Dichloroethane-d4	"	"	"	*70.0-130*		*82.0*	%	

Sequoia Analytical

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

Blaine Tech Services (Shell)	Project:	Equiva	Sampled: 11/1/99
1680 Rogers Avenue	Project Number:	105 5th Street	Received: 11/2/99
San Jose, CA 95112	Project Manager:	Leah Davis	Reported: 11/15/99

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: 9110332	**Date Prepared: 11/10/99**					**Extraction Method: EPA 5030B [P/T]**				
Blank	**9110332-BLK1**									
Purgeable Hydrocarbons	11/10/99			**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*	"	*70.0-130*	*102*			
LCS	**9110332-BS1**									
Purgeable Hydrocarbons	11/10/99	250		228	ug/l	70.0-130	91.2			
Surrogate: a,a,a-Trifluorotoluene	"	*10.0*		*11.7*	"	*70.0-130*	*117*			
Matrix Spike	**9110332-MS1**		**M911312-02**							
Purgeable Hydrocarbons	11/10/99	250	ND	224	ug/l	60.0-140	**89.6**			
Surrogate: a,a,a-Trifluorotoluene	"	*10.0*		*11.7*	"	*70.0-130*	*117*			
Matrix Spike Dup	**9110332-MSD1**		**M911312-02**							
Purgeable Hydrocarbons	11/10/99	250	ND	225	ug/l	60.0-140	**90.0**	25.0	**0.445**	
Surrogate: a,a,a-Trifluorotoluene	"	*10.0*		*12.1*	"	*70.0-130*	*121*			

Sequoia Analytical

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Morgan Hill, CA 95037
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FAX (408) 782-6308

Blaine Tech Services (Shell)	Project:	Equiva	Sampled: 11/1/99
1680 Rogers Avenue	Project Number:	105 5th Street	Received: 11/2/99
San Jose, CA 95112	Project Manager:	Leah Davis	Reported: 11/15/99

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: 9110429	**Date Prepared: 11/11/99**					**Extraction Method: EPA 5030B [P/T]**				
Blank	**9110429-BLK1**									
Methyl tert-butyl ether	11/11/99			**ND**	ug/l	**0.500**				
Surrogate: 1,2-Dichloroethane-d4	"	*10.0*		*9.34*	"	*70.0-130*	*93.4*			
Blank	**9110429-BLK2**									
Methyl tert-butyl ether	11/12/99			**ND**	ug/l	**0.500**				
Surrogate: 1,2-Dichloroethane-d4	"	*10.0*		*8.32*	"	*70.0-130*	*83.2*			
LCS	**9110429-BS1**									
Methyl tert-butyl ether	11/11/99	10.0		9.44	ug/l	70.0-130	94.4			
Surrogate: 1,2-Dichloroethane-d4	"	*10.0*		*8.40*	"	*70.0-130*	*84.0*			
LCS	**9110429-BS2**									
Methyl tert-butyl ether	11/12/99	10.0		8.91	ug/l	70.0-130	89.1			
Surrogate: 1,2-Dichloroethane-d4	"	*10.0*		*7.93*	"	*70.0-130*	*79.3*			
Matrix Spike	**9110429-MS1**		**M910886-01**							
Methyl tert-butyl ether	11/11/99	10.0	7.19	15.9	ug/l	70.0-130	**87.1**			
Surrogate: 1,2-Dichloroethane-d4	"	*10.0*		*8.80*	"	*70.0-130*	*88.0*			
Matrix Spike Dup	**9110429-MSD1**		**M910886-01**							
Methyl tert-butyl ether	11/11/99	10.0	7.19	18.5	ug/l	70.0-130	**113**	25.0	**25.9**	4
Surrogate: 1,2-Dichloroethane-d4	"	*10.0*		*9.40*	"	*70.0-130*	*94.0*			

Sequoia Analytical

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

Blaine Tech Services (Shell)	Project:	Equiva	Sampled: 11/1/99
1680 Rogers Avenue	Project Number:	105 5th Street	Received: 11/2/99
San Jose, CA 95112	Project Manager:	Leah Davis	Reported: 11/15/99

Notes and Definitions

#	Note
1	Chromatogram Pattern: Gasoline C6-C12
2	Sample was analyzed at a second dilution per clients request.
3	The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample.
4	The RPD value for this QC sample is above the established control limit. Review of associated QC indicates the high RPD does not represent an out-of-control condition for the batch.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
Recov.	Recovery
RPD	Relative Percent Difference

BLAINE TECH SERVICES INC.

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

CHAIN OF CUSTODY 991101-MW3

CLIENT: Equiva - Karen Petryna

SITE: 105 5th Street

Oakland, CA

LAB: SEQUOIA

DHS #

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

☐ EPA ☐ RWQCB REGION ____

☐ LIA

☐ OTHER

SPECIAL INSTRUCTIONS

Send invoice to Equiva

Incident # 98995757

Send report to Blaine Tech Services

Attn: Ann Pember

SAMPLE I.D.	Date	Time	MATRIX S = SOIL W = H2O	CONTAINERS TOTAL	C = COMPOSITE ALL CONTAINERS	CONDUCT ANALYSIS TO DETECT: TPH - gas, BTEX	MTBE by 8020	MTBE by 8260	TPH - diesel	Oxygenates by 8260	1,2-DCA & EDB by 8010	ADD'L INFORMATION	STATUS	CONDITION	LAB SAMPLE #
MW1	11-1-99	1310	W	3		X	X					*confirm highest MTBE 4.X by EPA 8260			011045
MW2	↓	1345	↓	3		X	X								
MW3	↓	1325	↓	3		X	X								

SAMPLING COMPLETED	DATE	TIME
	11-1-99	1355

SAMPLING PERFORMED BY: ZX

RESULTS NEEDED NO LATER THAN

RELEASED BY	DATE	TIME	RECEIVED BY	DATE	TIME
ZX				11-2	1054
				DATE	TIME
RELEASED BY	DATE	TIME	RECEIVED BY		
				11/2/99	12:12
RELEASED BY	DATE	TIME	RECEIVED BY	DATE	TIME

SHIPPED VIA	DATE SENT	TIME SENT	COOLER #	

WELL GAUGING DATA

Project # 991101-N3 Date 11-1-99 Client

Equiva 98995757
101 5TH STREET
OAKLAND
Sample #

Site

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	4					6.59	23.38	TOC	
MW-2	4	odor				6.03	23.49	↓	
MW-3	4					6.48	24.91		

EQUIVA WELL MONITORING DATA SHEET

Project #: 991101-N3	Job # 9899 5757
Sampler: NS	Date: 11-1-99
Well I.D.: MW-1	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: 23.58	Depth to Water: 6.59
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 X / Extraction Pump / Other: ___

Sampling Method: Bailer X / Extraction Port / Other: ___

11.0	X	3	=	33.0 Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
1303	73.9	7.3	481	130	11	
1309	73.3	7.3	405	7200	22	
1315	72.9	7.4	377	7200	33	

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

Sampling Time: 1310 Sampling Date: 11-1-99

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:	0.5 mg/L	Post-purge:	0.7 mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

EQUIVA WELL MONITORING DATA SHEET

Project #: 991101-N3	Job # 98995757
Sampler: NS	Date: 11-1-99
Well I.D.: MW-2	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: 23.49	Depth to Water: 6.05
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 X / Extraction Pump / Other: ___

Sampling Method: Bailer X / Extraction Port / Other: ___

11.3	X	3	=	33.9 Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
1336	73.7	7.1	487	7200	12	odor/turb.
1337	74.4	6.9	438	7200	24	
1338	75.1	6.9	428	7200	34	

Did well dewater? Yes (No)		Gallons actually evacuated: 34	
Sampling Time: 1345		Sampling Date: 11-1-99	
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: 0.5 mg/L	Post-purge: 0.3 mg/L	
O.R.P. (if req'd):	Pre-purge: mV	Post-purge: mV	

EQUIVA WELL MONITORING DATA SHEET

Project #: 991101-N3	Job # 98995757
Sampler: NS	Date: 11-1-99
Well I.D.: MW-3	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth: 24.91	Depth to Water: 6.48
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 X / Extraction Pump / Other: ____

Sampling Method: Bailer X / Extraction Port / Other: ____

12.0 (1 Case Volume (Gals.)) X 3 (Specified Volumes) = 36.0 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
1320	70.0	6.9	852	7200	12	very turbid / odor
1321	69.3	6.9	929	7200	24	
1322	69.0	7.0	923	7200	36	

Did well dewater? Yes (No)		Gallons actually evacuated: 36	
Sampling Time: 1325		Sampling Date: 11-1-99	
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:	0.5 mg/L	Post-purge:	0.3 mg/L
O.R.P. (if req'd): Pre-purge:	mV	Post-purge:	mV

SHELL OIL COMPANY
RETAIL ENVIRONMENTAL ENGINEERING - WEST

CHAIN OF CUSTODY RECORD
Serial No: _____

Date: 12/4/96
Page 1 of 1

Site Address: 105 - 5th St

WIC#: 204-5510-0402

Shell Engineer: R. Jeff Granberry — Phone No.: 675-6168 — Fax #: 675-6170

Consultant Name & Address: Cambria Environmental / Tech Inc

Consultant Contact: Paul Waite — Phone No.: 420-9185 — Fax #: 420-9170

Comments:

Sampled by: [signature]

Printed Name: Paul Waite / Josh Bergstrom

LAB: Sequoia

UST AGENCY: Alameda

Sample ID	Date	Sludge	Soil	Water	Air	No. of conts.	TPH (EPA 8015 Mod. Gas)	TPH (EPA 8015 Mod. Diesel)	BTEX (EPA 8020/602)	Volatile Organics (EPA 8240)	Test for Disposal	Combination TPH 8015 & BTEX 8020 Gas / Diesel	Total Lead	Asbestos	Container Size	Preparation Used	Composite Y/N	MATERIAL DESCRIPTION	SAMPLE CONDITION/ COMMENTS
SP-1A	12/4					1			X			X	X					Composite	
SP-1B						1			X			X	X					4 samples	DTC 5 1
SP-1C						1			X			X	X					for one	
SP-1D						1			X			X	X					analysis	

961232

CHECK ONE (1) BOX ONLY — C1/D1

G.W. Monitoring	☐	4461
Site Investigation	☐	4441
Soil Classify/Disposal	☒	4442
Water Classify/Disposal	☐	4443
Soil/Air Rem. or Sys. O & M	☐	4452
Water Rem. or Sys. O & M	☐	4453
Other	☐	

TURN AROUND TIME

- 24 hours ☐
- 48 hours ☒
- 16 days ☐ (Normal)
- Other ☐ _____

NOTE: Notify Lab as soon as Possible of 24/48 hrs. TAT.

Relinquished By (signature):	Printed Name:	Date: 12/5/96 Time: 1240	Received (signature):
Relinquished By (signature):	Printed Name: JOHN HOWE	Date: 12/5/96 Time: 1351	Received (signature):
Relinquished By (signature):	Printed Name:	Date: Time:	Received (signature):

Printed Name: JOHN HOWE	Date: 12/5/96	
Printed Name:	Time: 1240	
Printed Name: LMardenas	Date: 12-5-96	
	Time: 1351	

THE LABORATORY MUST PROVIDE A COPY OF THIS CHAIN-OF-CUSTODY WITH INVOICE AND RESULTS

Shell COC at Custody

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
404 N. Wiget Lane, Walnut Creek, CA 94598, (510) 988-9600, FAX (510) 988-9673
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Cambria 1144 65th St. Suite C Oakland, CA 94608 Attention: Paul Waite	Client Proj. ID: Shell 204-5510-0402 Lab Proj. ID: 9612484	Received: 12/10/96 Reported: 12/13/96

LABORATORY NARRATIVE

In order to properly interpret this report, it must be reproduced in its entirety. This report contains a total of 7 pages including the laboratory narrative, sample results, quality control, and related documents as required (cover page, COC, raw data, etc.).

Sequoia Project ID's 9612232 and 9612484 are linked.

SEQUOIA ANALYTICAL

Kevin Follett
Project Manager