CAMBRIA

ENVIRONMENTAL PROTECTION
00 FEB 22 PM 3:16

February 16, 2000

Scott Seery
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
4226 First Street
Pleasanton, California
Incident #98995840
Cambria Project #242-0523-002

Dear Mr. Seery:

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 well. Blaine calculated the ground water elevation and compiled the analytical data. Cambria prepared a ground water elevation map (Figure 1). The Blaine report, presenting the laboratory report and including supporting field documents, is included as Attachment A.

Site Investigation Work Plan: Cambria prepared a site investigation work plan as requested by Alameda County Health Care Services Agency in their September 14, 1999 correspondence to Equiva Services LLC, and submitted drilling applications for the two monitoring wells.

ANTICIPATED FIRST QUARTER 2000 ACTIVITIES

Site Investigation: Cambria will install and sample two on-site monitoring wells as part of the quarterly sampling activities.

Ground Water Monitoring: Blaine will develop the two new monitoring wells, 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

CLOSING

We appreciate the opportunity to work with you on this project. Please call Barbara Jakub at (510) 420-3309 if you have any questions or comments.

Sincerely,
Cambria Environmental Technology, Inc

for:

Barbara J. Jakub
Project Geologist

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

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

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 6249, Carson, California 90749-6249
Douglas E & Mary M Safreno, 1627 Vineyard Avenue, Pleasanton, CA 94566-6389

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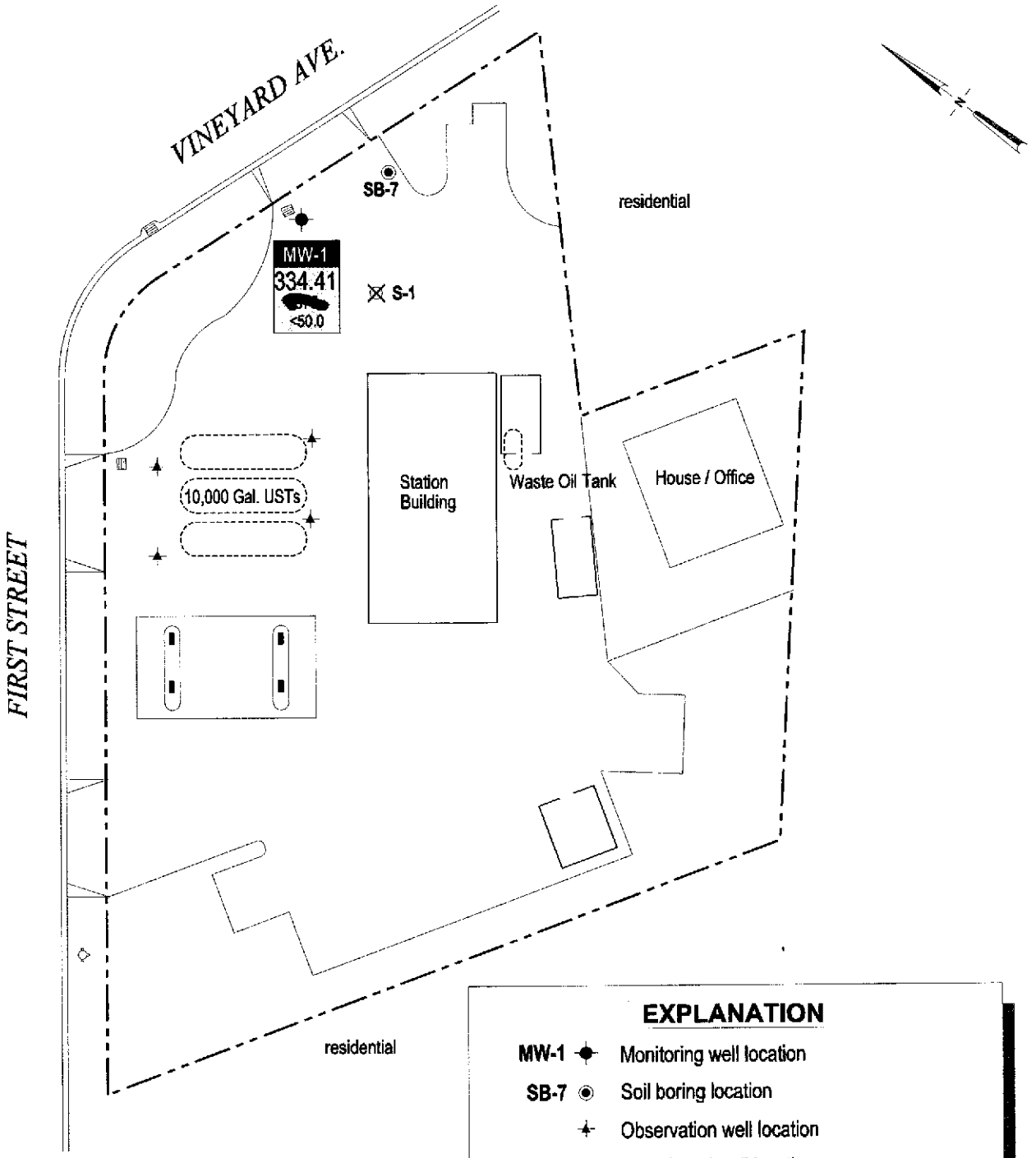

EXPLANATION

- MW-1 — Monitoring well location
- SB-7 — Soil boring location
- Observation well location
- S-1 — Abandoned well location

Well
ELEV
MTBE

- Well designation
- Ground water elevation (msl)
- Benzene and MTBE concentrations are in parts per billion and are analyzed by EPA Method 8020

FIGURE
2

Shell-branded Service Station
4226 First Street
Pleasanton, California
Incident #98995840

CAMBRIA

Ground Water Elevation Map

December 8, 1999

G:\PLEA4226\FIGURES\4QM99-MP.DWG

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

January 10, 2000

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

Fourth Quarter 1999 Groundwater Monitoring at
Shell-branded Service Station
4226 First Street
Pleasanton, CA

Monitoring performed on December 8, 1999

Groundwater Monitoring Report **991208-P-1**

This report covers the routine monitoring of groundwater wells at this Shell-branded facility. In accordance with standard procedures that conform to Regional Water Quality Control Board requirements, routine field data collection includes depth to water, total well depth, thickness of any separate immiscible layer, water column volume, calculated purge volume (if applicable), elapsed evacuation time (if applicable), total volume of water removed (if applicable), and standard water parameter instrument readings. Sample material is collected, contained, stored, and transported to the laboratory in conformance with EPA standards. Purgewater (if applicable) is, likewise, collected and transported to the 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
4226 First Street
Pleasanton, 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	06/16/1999	NA	NA	NA	NA	NA	NA	NA	371.20	37.81	333.39
MW-1	06/30/1999	89.0	5.89	<0.500	<0.500	0.652	<5.00	NA	371.20	33.65	337.55
MW-1	09/24/1999	1,560	473	<10.0	<10.0	22.8	<2.50	NA	371.20	37.04	334.16
MW-1	12/08/1999	1,020	375	<5.00	<5.00	5.2	<50.0	NA	371.20	36.79	334.41

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
NA = Not applicable

Notes:
Well MW-1 surveyed on May 4, 1999 by Virgil Chavez Land Surveying of Vallejo, California.

Sequoia Analytical

1551 Industrial Road
San Carlos, CA 94070-4111
(650) 232-9600
FAX (650) 232-9612

January 3, 2000

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

RE: Equiva(2)/L912102

Dear Leah Davis:

Enclosed are the results of analyses for sample(s) received by the laboratory on December 10, 1999. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Wayne Stevenson
Project Manager

CA ELAP Certificate Number I-2360

Sequoia Analytical

1551 Industrial Road
San Carlos, CA 94070-4111
(650) 232-9600
FAX (650) 232-9612

Blaine Tech Services	Project:	Equiva(2)	Sampled: 12/8/99
1680 Rogers Avenue	Project Number:	4226 First St., Pleasanton/991208-P1	Received: 12/10/99
San Jose, CA 95112	Project Manager:	Leah Davis	Reported: 1/3/00

ANALYTICAL REPORT FOR L912102

Sample Description	Laboratory Sample Number	Sample Matrix	Date Sampled
MW-1	L912102-01	Water	12/8/99

Sequoia Analytical

1551 Industrial Road
San Carlos, CA 94070-4111
(650) 232-9600
FAX (650) 232-9612

Blaine Tech Services	Project:	Equiva(2)	Sampled: 12/8/99
1680 Rogers Avenue	Project Number:	4226 First St., Pleasanton/991208-P1	Received: 12/10/99
San Jose, CA 95112	Project Manager:	Leah Davis	Reported: 1/3/00

Sample Description: **MW-1**
Laboratory Sample Number: **L912102-01**

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method/ Surrogate Limits	Reporting Limit	Result	Units	Notes*
Sequoia Analytical - San Carlos								
Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT								
Purgeable Hydrocarbons as Gasoline	9120075	12/16/99	12/16/99		500	**1020**	ug/l	I
Benzene	"	"	"		5.00	**375**	"	
Toluene	"	"	"		5.00	ND	"	
Ethylbenzene	"	"	"		5.00	ND	"	
Xylenes (total)	"	"	"		5.00	**15.2**	"	
Methyl tert-butyl ether	"	"	"		50.0	ND	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*60.0-140*		*95.3*	*%*	

Sequoia Analytical

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Blaine Tech Services	Project:	Equiva(2)	Sampled: 12/8/99
1680 Rogers Avenue	Project Number:	4226 First St., Pleasanton/991208-P1	Received: 12/10/99
San Jose, CA 95112	Project Manager:	Leah Davis	Reported: 1/3/00

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

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit / Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Batch: 9120075	**Date Prepared: 12/16/99**					**Extraction Method: EPA 5030B [P/T]**				
Blank	**9120075-BLK1**									
Purgeable Hydrocarbons as Gasoline	12/16/99			**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**	"	**5.00**				
Surrogate: a,a,a-Trifluorotoluene	"	*10.0*		*8.75*	"	*60.0-140*	*87.5*			
LCS	**9120075-BS1**									
Benzene	12/16/99	10.0		8.44	ug/l	70.0-130	84.4			
Toluene	"	10.0		8.13	"	70.0-130	81.3			
Ethylbenzene	"	10.0		7.99	"	70.0-130	79.9			
Xylenes (total)	"	30.0		24.4	"	70.0-130	81.3			
Surrogate: a,a,a-Trifluorotoluene	"	*10.0*		*9.84*	"	*60.0-140*	*98.4*			
LCS	**9120075-BS2**									
Purgeable Hydrocarbons as Gasoline	12/16/99	250		262	ug/l	70.0-130	105			
Surrogate: a,a,a-Trifluorotoluene	"	*10.0*		*11.8*	"	*60.0-140*	*118*			
Matrix Spike	**9120075-MS1**		**L912089-02**							
Purgeable Hydrocarbons as Gasoline	12/16/99	250	ND	328	ug/l	60.0-140	**131**			
Surrogate: a,a,a-Trifluorotoluene	"	*10.0*		*13.6*	"	*60.0-140*	*136*			*2*
Matrix Spike Dup	**9120075-MSD1**		**L912089-02**							
Purgeable Hydrocarbons as Gasoline	12/16/99	250	ND	312	ug/l	60.0-140	**125**	25.0	**4.69**	
Surrogate: a,a,a-Trifluorotoluene	"	*10.0*		*12.0*	"	*60.0-140*	*120*			

Sequoia Analytical

1551 Industrial Road
San Carlos, CA 94070-4111
(650) 232-9600
FAX (650) 232-9612

Blaine Tech Services	Project:	Equiva(2)	Sampled:	12/8/99
1680 Rogers Avenue	Project Number:	4226 First St., Pleasanton/991208-P1	Received:	12/10/99
San Jose, CA 95112	Project Manager:	Leah Davis	Reported:	1/3/00

Notes and Definitions

#	Note
1	Chromatogram Pattern: Gasoline C6-C12
2	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

1912102

CHAIN OF CUSTODY 991208-P1

CLIENT: Equiva - Karen Petryna

SITE: 4226 First Street
Pleasanton, 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 # 98995840

Send report to Blaine Tech Services

Attn: Ann Pember

SAMPLE I.D.		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 #
MW-1	12/8 8:30	W	3		X	X								

SC

SAMPLING COMPLETED: DATE 12/8/99 TIME 8:30

SAMPLING PERFORMED BY: Paul Sanna

RESULTS NEEDED NO LATER THAN

RELEASED BY	DATE	TIME	RECEIVED BY	DATE	TIME
	12/9/99	10:20		12/9/99	1019
	12/9	1815		12/10/99	1030

SHIPPED VIA | DATE SENT | TIME SENT | COOLER #

WELL GAUGING DATA

Project # 991208-P1 Date 12-8-99 Client Equiva

Site 4226 First St. Pleasanton

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					36.79	56.75	↓	

EQUIVA WELL MONITORING DATA SHEET

Project #: 991208-P1	Job # 98995840
Sampler: Paul	Date: 12-8-99
Well I.D.: MW-1	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth: 56.75	Depth to Water: 36.79
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: ___

3.1 (1 Case Volume (Gals.)) X 3 (Specified Volumes) = 9.5 Gals. (Calculated Volume)

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
8:12					3	
8:17					6	
8:24					9.5	

Did well dewater? Yes (No) Gallons actually evacuated: 9.5

Sampling Time: 8:30 Sampling Date:

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