9/6/00

• Increase in MtBE.
• detection of TBA + TAME.
• offsite MW needed

CAMBRIA

August 11, 2000

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

00 AUG 16 PM 3:02

Re: **Second Quarter 2000 Monitoring Report**
Shell-branded Service Station
11989 Dublin Boulevard
Dublin, California
Incident #98995328
Cambria Project #242-0548-002

Dear Ms. chu:

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.

SECOND QUARTER 2000 ACTIVITIES

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

ANTICIPATED THIRD QUARTER 2000 ACTIVITIES

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

Potential Receptor Survey and Conduit Study: In a January 28, 2000 telephone conversation with Cambria, eva chu of Alameda County Health Care Services Agency requested that a potential receptor survey and conduit study be performed at the site. Cambria will provide the results of the potential receptor survey and conduit study in a forthcoming quarterly 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 Barbara Jakub at (510) 420-3309 if you have any questions or comments.

Sincerely,
Cambria Environmental Technology, Inc

Barbara J Jakub bjakub@cambria-env.com

Barbara J. Jakub
Project Geologist

REGISTERED GEOLOGIST
STEPHAN A. BORK
No. EG 2058
CERTIFIED
ENGINEERING
GEOLOGIST
STATE OF CALIFORNIA

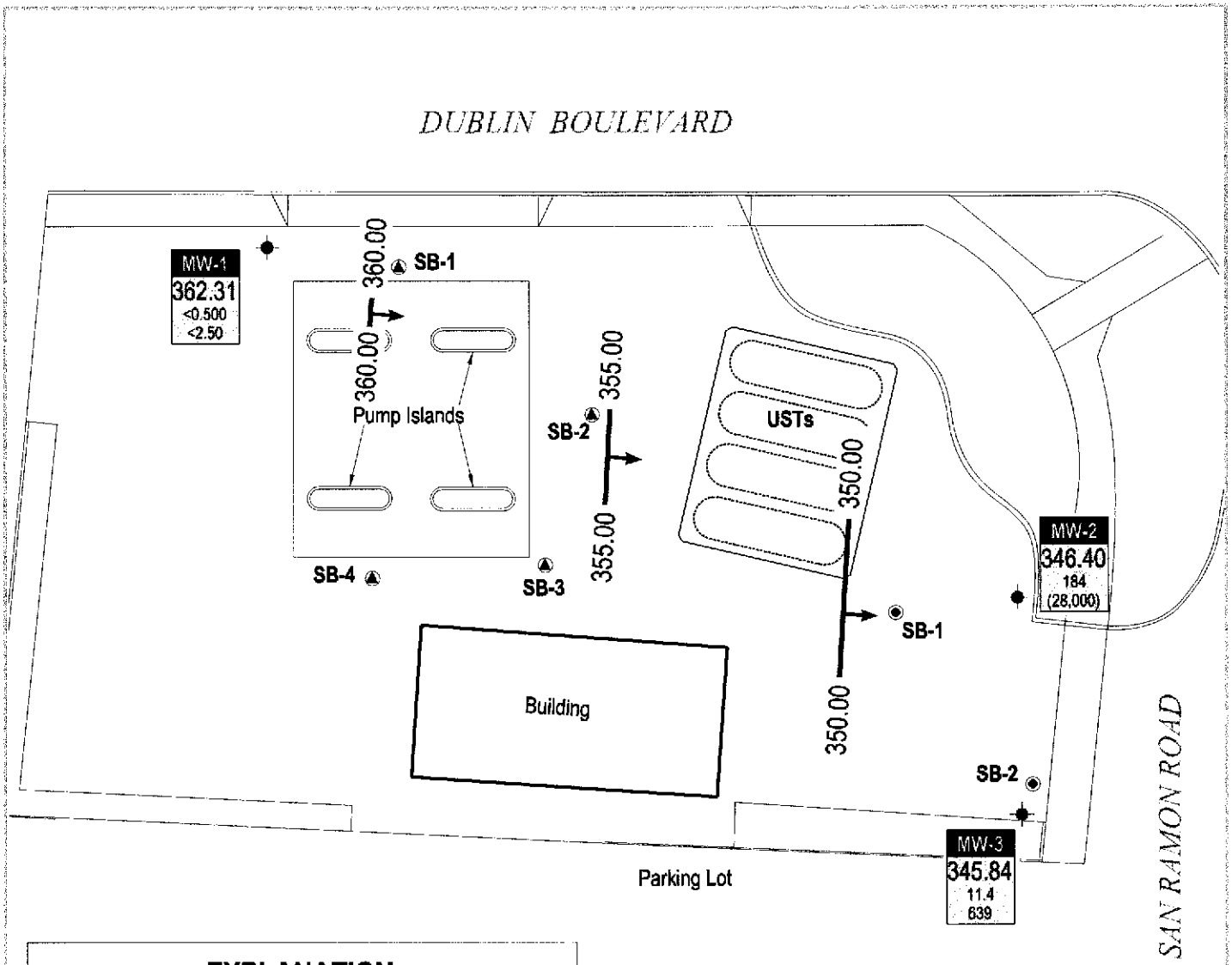
Stephan A. Bork, C.E.G., C.HG.
Associate Hydrogeologist

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

g:\dublin 11989\qm\2q00qm.doc



EXPLANATION

- MW-1 — Monitoring well location
- SB-1 — Soil boring locations for November 16, 1997 investigation
- SB-1 — Soil boring locations for August 5, 1998 investigation
- Groundwater flow direction
- XX.XX — Groundwater elevation contour, in feet above mean sea level (msl), approximately located
- Well — Well designation
- ELEV — Groundwater elevation, in feet above msl
- Benzene / MTBE — Benzene and MTBE concentrations are in parts per billion and are analyzed by EPA Method 8020; MTBE results in parentheses are analyzed by EPA Method 8260.

N

0 15 30

Scale (ft)

FIGURE

1

G:\DUBLIN11989\DUBLIN\FIGURES\2Q00-MP.DWG

Shell-branded Service Station
11989 Dublin Boulevard
Dublin, California
Incident #98995328

CAMBRIA

Groundwater Elevation Contour Map

April 3, 2000

ATTACHMENT A

Blaine Groundwater Monitoring Report and Field Notes

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 22, 2000

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

Second Quarter 2000 Groundwater Monitoring at
Shell-branded Service Station
11989 Dublin Boulevard
Dublin, CA

Monitoring performed on April 3, 2000

Groundwater Monitoring Report **000403-K-2**

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/ew

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

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

WELL CONCENTRATIONS
Shell-branded Service Station
11989 Dublin Boulevard
Dublin, CA

Well ID	Date	TPPH (ug/L)	TEPH (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 (ppm)
MW-1	07/20/1999	<50.0	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	NA	367.99	6.24	361.75	NA
MW-1	10/25/1999	<50.0	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	NA	367.99	6.36	361.63	NA
MW-1	01/27/2000	<50.0	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	367.99	5.65	362.34	NA
MW-1	04/03/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	367.99	5.68	362.31	1.2/1.6
MW-2	07/20/1999	2,600	699	55.0	<2.50	59.5	<2.50	9,370	NA	365.43	20.31	345.12	NA
MW-2	10/25/1999	4,710	761	61.1	<10.0	74.6	<10.0	22,800	NA	365.43	22.80	342.63	NA
MW-2	01/27/2000	3,820	1490	60.8	<10.0	156	<10.0	13,400	15,000a	365.43	19.17	346.26	NA
MW-2	04/03/2000	7,130	NA	184	14.9	238	18.8	34,200	28,000	365.43	19.03	346.40	1.6/1.7
MW-3	07/20/1999	208	177	4.69	<0.500	<0.500	<0.500	664	NA	364.97	24.23	340.74	NA
MW-3	10/25/1999	378	182	9.49	<0.500	<0.500	<0.500	1,410	NA	364.97	23.26	341.71	NA
MW-3	01/27/2000	428	100	29.4	<0.500	<0.500	<0.500	941	NA	364.97	19.53	345.44	NA
MW-3	04/03/2000	<125	NA	11.4	<1.25	<1.25	<1.25	639	NA	364.97	19.13	345.84	1.4/1.9

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 by EPA Method 8020
TOC = Top of Casing Elevation
GW = Groundwater
DO = Dissolved Oxygen
ug/L = parts per billion
ppm = parts per million
msl = Mean sea level
ft = Feet
<n = Below detection limit
n/n = Pre-purge/Post-purge DO Readings
NA = Not applicable

WELL CONCENTRATIONS
Shell-branded Service Station
11989 Dublin Boulevard
Dublin, CA

Well ID	Date	TPPH (ug/L)	TEPH (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 (ppm)

Notes:
Wells surveyed June 21, 1999 by Virgil Chavez Land Surveying of Vallejo, California.
a = Sample was analyzed outside the EPA recommended holding time.

Sequoia
Analytical

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

April 21, 2000

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

RE: Shell 11989 Dublin Blvd.

Dear Nick Sudano

Enclosed are the results of analyses for sample(s) received by the laboratory on April 4, 2000. 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:	11989 Dublin Blvd	Received: 4/4/00
San Jose, CA 95112	Project Manager:	Nick Sudano	Reported: 4/21/00 16:39

ANALYTICAL REPORT FOR SAMPLES:

Sample Description	Laboratory Sample Number	Sample Matrix	Date Sampled
MW-1	MJD0077-01	Water	4/3/00
MW-2	MJD0077-02	Water	4/3/00
MW-3	MJD0077-03	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:	11989 Dublin Blvd	Received: 4/4/00
San Jose, CA 95112	Project Manager:	Nick Sudano	Reported: 4/21/00 16:39

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			**MJD0077-01**				**Water**	
Purgeable Hydrocarbons	0D12002	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*		*106*	%	
MW-2			**MJD0077-02**				**Water**	
Purgeable Hydrocarbons	0D12002	4/12/00	4/12/00	DHS LUFT	1000	**7130**	ug/l	P-01
Benzene	"	"	"	DHS LUFT	10.0	**184**	"	
Toluene	"	"	"	DHS LUFT	10.0	**14.9**	"	
Ethylbenzene	"	"	"	DHS LUFT	10.0	**238**	"	
Xylenes (total)	"	"	"	DHS LUFT	10.0	**18.8**	"	
Methyl tert-butyl ether	"	"	4/13/00	DHS LUFT	2500	**34200**	"	M-03
Surrogate: a,a,a-Trifluorotoluene	"	"	*4/12/00*	*70-130*		*177*	%	*S-02*
MW-3			**MJD0077-03**				**Water**	
Purgeable Hydrocarbons	0D13001	4/13/00	4/13/00	DHS LUFT	125	ND	ug/l	
Benzene	"	"	"	DHS LUFT	1.25	**11.4**	"	
Toluene	"	"	"	DHS LUFT	1.25	ND	"	
Ethylbenzene	"	"	"	DHS LUFT	1.25	ND	"	
Xylenes (total)	"	"	"	DHS LUFT	1.25	ND	"	
Methyl tert-butyl ether	"	"	"	DHS LUFT	6.25	**639**	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*70-130*		*92.5*	%	

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:	11989 Dublin Blvd	Received: 4/4/00
San Jose, CA 95112	Project Manager:	Nick Sudano	Reported: 4/21/00 16:39

Volatile Organic Compounds by EPA Method 8260A
Sequoia Analytical - Morgan Hill

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
MW-2			**MJD0077-02**				**Water**	**I-02**
Ethanol	0D19006	4/18/00	4/19/00	EPA 8260A	200	ND	ug/l	
TBA **tert-Butyl alcohol**	"	"	"	EPA 8260A	2000	**10500**	"	
Methyl tert-butyl ether	"	"	4/20/00	EPA 8260A	2000	**28000**	"	
Di-isopropyl ether	"	"	4/19/00	EPA 8260A	1.00	ND	"	
Ethyl tert-butyl ether	"	"	"	EPA 8260A	1.00	ND	"	
TAME **tert-Amyl methyl ether**	"	"	"	EPA 8260A	1.00	**32.7**	"	
1,2-Dichloroethane	"	"	"	EPA 8260A	1.00	ND	"	
Ethylene dibromide	"	"	"	EPA 8260A	1.00	ND	"	
Surrogate: 1,2-Dichloroethane-d4	"	"	"	*70-130*		*NR*	*%*	*S-04*

Sequoia Analytical

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Blaine Tech Services (Shell)	Project:	Shell	Sampled: 4/3/00
1680 Rogers Avenue	Project Number:	11989 Dublin Blvd	Received: 4/4/00
San Jose, CA 95112	Project Manager:	Nick Sudano	Reported: 4/21/00 16:39

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: 0D12002	**Date Prepared: 4/12/00**					**Extraction Method: EPA 5030B [P/T]**				
Blank	**0D12002-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*		*9.10*	"	*70-130*	*91.0*			
LCS	**0D12002-BS1**									
Benzene	4/12/00	10.0		10.0	ug/l	70-130	100			
Toluene	"	10.0		9.79	"	70-130	97.9			
Ethylbenzene	"	10.0		9.73	"	70-130	97.3			
Xylenes (total)	"	30.0		29.4	"	70-130	98.0			
Surrogate: a,a,a-Trifluorotoluene	"	*10.0*		*9.57*	"	*70-130*	*95.7*			
Matrix Spike	**0D12002-MS1**		**MJC1062-04**							
Benzene	4/12/00	10.0	ND	9.69	ug/l	60-140	**96.9**			
Toluene	"	10.0	ND	9.46	"	60-140	**94.6**			
Ethylbenzene	"	10.0	ND	9.44	"	60-140	**94.4**			
Xylenes (total)	"	30.0	ND	28.3	"	60-140	**94.3**			
Surrogate: a,a,a-Trifluorotoluene	"	*10.0*		*9.18*	"	*70-130*	*91.8*			
Matrix Spike Dup	**0D12002-MSD1**		**MJC1062-04**							
Benzene	4/12/00	10.0	ND	9.78	ug/l	60-140	**97.8**	25	**0.925**	
Toluene	"	10.0	ND	9.36	"	60-140	**93.6**	25	**1.06**	
Ethylbenzene	"	10.0	ND	9.14	"	60-140	**91.4**	25	**3.23**	
Xylenes (total)	"	30.0	ND	28.3	"	60-140	**94.3**	25	**0**	
Surrogate: a,a,a-Trifluorotoluene	"	*10.0*		*9.75*	"	*70-130*	*97.5*			
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**				

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:	11989 Dublin Blvd	Received: 4/4/00
San Jose, CA 95112	Project Manager:	Nick Sudano	Reported: 4/21/00 16:39

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*
Blank (continued)	**0D13001-BLK1**									
Surrogate: a,a,a-Trifluorotoluene	*4/13/00*	*10.0*		*8.95*	*ug/l*	*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*			
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*			

Sequoia Analytical

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

Blaine Tech Services (Shell)	Project:	Shell	Sampled: 4/3/00
1680 Rogers Avenue	Project Number:	11989 Dublin Blvd	Received: 4/4/00
San Jose, CA 95112	Project Manager:	Nick Sudano	Reported: 4/21/00 16:39

Volatile Organic Compounds 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**									
Ethanol	4/18/00			ND	ug/l	200				
tert-Butyl alcohol	"			ND	"	20.0				
Methyl tert-butyl ether	"			ND	"	1.00				
Di-isopropyl ether	"			ND	"	1.00				
Ethyl tert-butyl ether	"			ND	"	1.00				
tert-Amyl methyl ether	"			ND	"	1.00				
1,2-Dichloroethane	"			ND	"	1.00				
Ethylene dibromide	"			ND	"	1.00				
Surrogate: 1,2-Dichloroethane-d4	"	*10.0*		*10.9*	"	*70-130*	*109*			
Blank	**0D19006-BLK2**									
Ethanol	4/19/00			ND	ug/l	200				
tert-Butyl alcohol	"			ND	"	20.0				
Methyl tert-butyl ether	"			ND	"	1.00				
Di-isopropyl ether	"			ND	"	1.00				
Ethyl tert-butyl ether	"			ND	"	1.00				
tert-Amyl methyl ether	"			ND	"	1.00				
1,2-Dichloroethane	"			ND	"	1.00				
Ethylene dibromide	"			ND	"	1.00				
Surrogate: 1,2-Dichloroethane-d4	"	*10.0*		*10.7*	"	*70-130*	*107*			
Blank	**0D19006-BLK3**									
Ethanol	4/19/00			ND	ug/l	200				
tert-Butyl alcohol	"			ND	"	20.0				
Methyl tert-butyl ether	"			ND	"	1.00				
Di-isopropyl ether	"			ND	"	1.00				
Ethyl tert-butyl ether	"			ND	"	1.00				
tert-Amyl methyl ether	"			ND	"	1.00				
1,2-Dichloroethane	"			ND	"	1.00				
Ethylene dibromide	"			ND	"	1.00				
Surrogate: 1,2-Dichloroethane-d4	"	*10.0*		*10.1*	"	*70-130*	*101*			
Blank	**0D19006-BLK4**									
Ethanol	4/20/00			ND	ug/l	200				
tert-Butyl alcohol	"			ND	"	20.0				
Methyl tert-butyl ether	"			ND	"	1.00				
Di-isopropyl ether	"			ND	"	1.00				

Sequoia Analytical

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Morgan Hill, CA 95037
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Blaine Tech Services (Shell)	Project:	Shell	Sampled: 4/3/00
1680 Rogers Avenue	Project Number:	11989 Dublin Blvd	Received: 4/4/00
San Jose, CA 95112	Project Manager:	Nick Sudano	Reported: 4/21/00 16:39

Volatile Organic Compounds 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*
Blank (continued)	**0D19006-BLK4**									
Ethyl tert-butyl ether	4/20/00			**ND**	ug/l	**1.00**				
tert-Amyl methyl ether	"			**ND**	"	**1.00**				
1,2-Dichloroethane	"			**ND**	"	**1.00**				
Ethylene dibromide	"			**ND**	"	**1.00**				
Surrogate: 1,2-Dichloroethane-d4	"	*10.0*		*10.1*	"	*70-130*	*101*			
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*			
LCS	**0D19006-BS2**									
Methyl tert-butyl ether	4/19/00	10.0		9.35	ug/l	70-130	93.5			
Surrogate: 1,2-Dichloroethane-d4	"	*10.0*		*10.5*	"	*70-130*	*105*			
LCS	**0D19006-BS3**									
Methyl tert-butyl ether	4/19/00	10.0		9.35	ug/l	70-130	93.5			
Surrogate: 1,2-Dichloroethane-d4	"	*10.0*		*10.2*	"	*70-130*	*102*			
LCS	**0D19006-BS4**									
Methyl tert-butyl ether	4/20/00	10.0		8.67	ug/l	70-130	86.7			
Surrogate: 1,2-Dichloroethane-d4	"	*10.0*		*9.93*	"	*70-130*	*99.3*			
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:	11989 Dublin Blvd	Received:	4/4/00
San Jose, CA 95112	Project Manager:	Nick Sudano	Reported:	4/21/00 16:39

Notes and Definitions

#	Note
I-02	This sample was analyzed outside of the EPA recommended holding time.
M-03	Sample was analyzed at a second dilution per clients request.
P-01	Chromatogram Pattern: 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-02	The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample.
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: 11989 Dublin Blvd.
Dublin, CA

LAB: Sequoia

DHS #

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

SPECIAL INSTRUCTIONS

Send invoice to Equiva MJD0077

Incident # 98995328

Sent 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	CONDUCT ANALYSIS TO DETECT: TPH - gas, BTEX	MTBE by 8020	MTBE by 8260	TPH - diesel	Oxygenates by 8260				ADD'L INFORMATION	STATUS	CONDITION	LAB SAMPLE #
MW-1	4/3/00	1305	W	3	40ml HCl		X	X							* Run 8260 for all oxygenates			
MW-2	↓	1345	↓	3	VOAs		X	X							on the well with the highest			
MW-3	↓	1325	↓	6	↓		X	X							MTBE detected by 8020			

SAMPLING COMPLETED	DATE	TIME	SAMPLING PERFORMED BY
	4/3/00	1345	MATT SMITH

RESULTS NEEDED NO LATER THAN

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
			Buck Delaney (MH)	4/4/00	17:16
RELEASED BY	DATE	TIME	RECEIVED BY	DATE	TIME

SHIPPED VIA	DATE SENT	TIME SENT	COOLER #

WELL GAUGING DATA

Project # 000403-K1 Date 2/3/00 Client Equiva

Site 11989 Dublin Blvd. Dublin, 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)	
1	MW-1	4					3.68	19.76		
3	MW-2	4					19.03	32.46		
2	MW-3	4					19.13	32.62		

EQUIVA WELL MONITORING DATA SHEET

Project #: 000403-K2	Job # 98995328
Sampler: MATT	Date: 4/3/00
Well I.D.: MW-1	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: 19.76	Depth to Water: 5.68
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: ___

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

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
1259	69.9	6.84	1104	>200	9.5	cloudy
1300	69.7	6.93	1158	>200	19	"
1302	69.9	6.88	1127	>200	28	↓

Did well dewater? Yes (No) Gallons actually evacuated: 28

Sampling Time: 1305 Sampling Date: 4/3/00

Sample I.D.: MW-1 Laboratory: (Sequoia) BC Other ___

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

D.O. (if req'd):	(Pre-purge):	1.2 mg/L	(Post-purge):	1.6	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:		mV

EQUIVA WELL MONITORING DATA SHEET

Project #: 000408-K2	Job # 9899 5328
Sampler: MATT	Date: 4/3/00
Well I.D.: MW-2	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: 32.46	Depth to Water: 19.03
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: ___

8.7 (1 Case Volume (Gals.)) X 3 (Specified Volumes) = 26.1 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
1338	69.6	6.80	1083	119	9	odor
1340	69.7	6.78	1075	7200	18	cloudy / odor
1341	71.0	6.76	1083	7200	27	" / "

Did well dewater? Yes (No)		Gallons actually evacuated: 27		
Sampling Time: 1345		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: 1.6 mg/L		Post-purge: 1.7	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

EQUIVA WELL MONITORING DATA SHEET

Project #: 000403-K2	Job # 98995328
Sampler: MATT	Date: 4/3/00
Well I.D.: MW-3	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: ~~30~~ 32.62	Depth to Water: 19.13
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: ___

8.8 (1 Case Volume (Gals.)) X 3 (Specified Volumes) = 26.4 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
1319	69.6	6.91	1320	92	9	
1320	68.7	6.91	1295	7200	18	
1322	68.8	6.90	1275	7200	27	

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

Sampling Time: 1325 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:	1.4 mg/L	Post-purge:	1.9	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:		mV