CAMBRIA

June 25, 2001

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

Re: **Second Quarter 2001 Monitoring Report**
Shell-branded Service Station
11989 Dublin Boulevard
Dublin, California
Incident #98995328
Cambria Project #243-0548-002

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 2001 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.

Offsite Well Installation: Cambria attempted to install a well on the sidewalk of San Ramon Boulevard on June 4, 2001. However, electric utilities in the sidewalk prevented advancing the well at this location.

ANTICIPATED THIRD QUARTER 2001 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

Cambria Environmental Technology, Inc.

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

Offsite Well Installation: Cambria will try to advance the offsite monitoring well in the right turn lane of San Ramon Boulevard on July 26, 2001. Cambria will submit an offsite investigation report within 60 days of the well installation.

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
Project Geologist

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

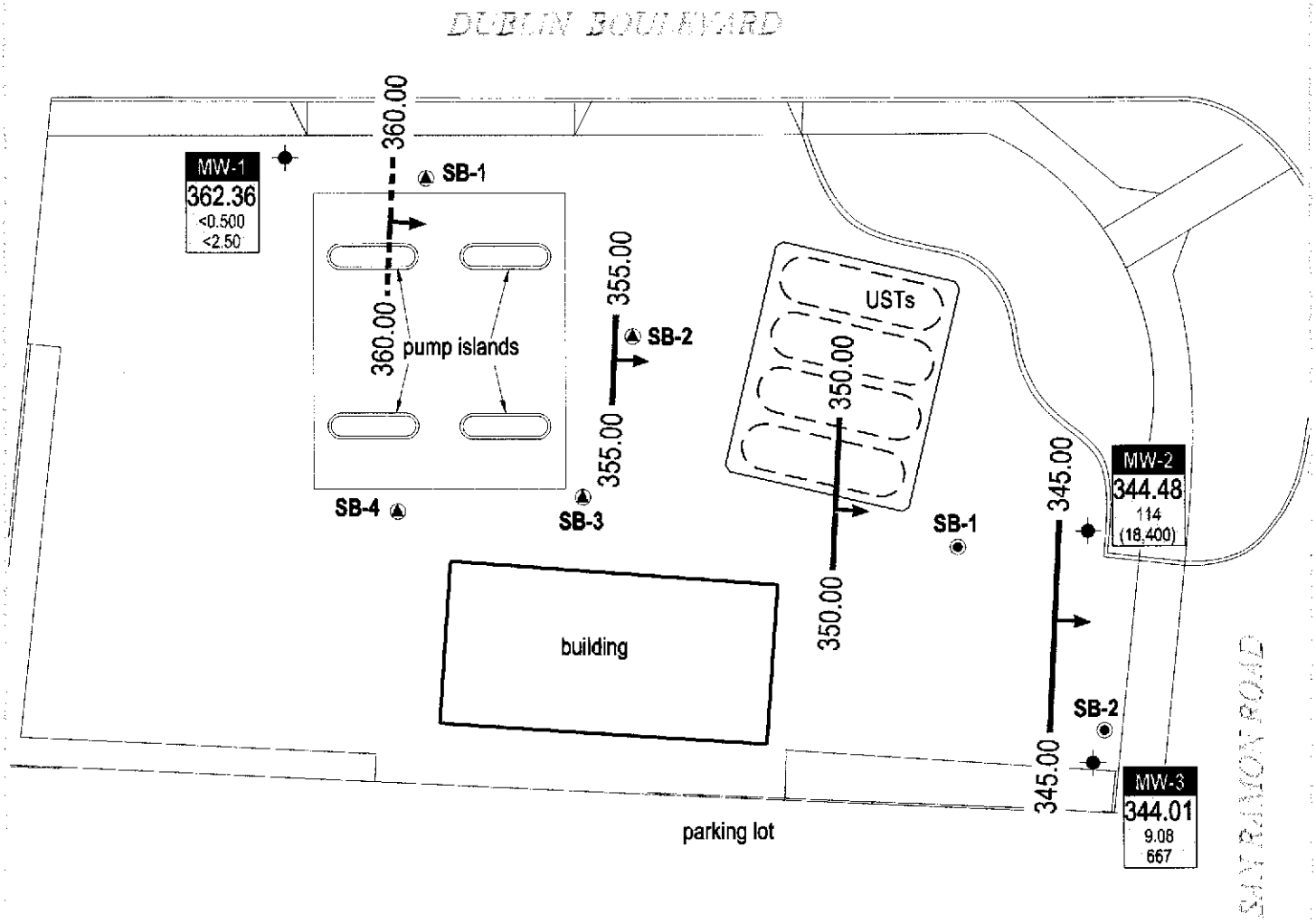
REGISTERED GEOLOGIST
STEPHAN A. BORK
No. EG 2058
CERTIFIED
ENGINEERING
GEOLOGIST
STATE OF CALIFORNIA

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 11989dublin\qm\2q01qm.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, dashed where inferred

Well
ELEV
Benzene
MTBE

- Well designation
- Groundwater elevation, in feet above msl
- Benzene and MTBE concentrations are in parts per 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:\DUBLIN\11989DUBLIN\FIGURES\2QM01-MP.DWG

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

CAMBRIA

Groundwater Elevation Contour Map

April 19, 2001

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 4, 2001

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

Second Quarter 2001 Groundwater Monitoring at
Shell-branded Service Station
11989 Dublin Boulevard
Dublin, CA

Monitoring performed on April 19, 2001

Groundwater Monitoring Report **010419-M-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/jt

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	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	367.99	5.68	362.31	1.2/1.6
MW-1	07/27/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	367.99	5.69	362.30	1.0/1.1
MW-1	10/16/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	367.99	5.74	362.25	1.2/0.8
MW-1	01/16/2001	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	367.99	5.71	362.28	0.59/2.8
MW-1	**04/19/2001**	**<50.0**	**NA**	**<0.500**	**<0.500**	**<0.500**	**<0.500**	**<2.50**	**NA**	**367.99**	**5.63**	**362.36**	**1.4/1.5**
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-2	07/27/2000	311	NA	10.0	<0.500	<0.500	<0.500	280	NA	365.43	19.09	346.34	1.9/1.7
MW-2	10/16/2000	3,970	NA	123	<5.00	68.5	<5.00	14,000	15,600	365.43	23.98	341.45	0.5/0.5
MW-2	01/16/2001	5,780	NA	125	9.71	139	6.93	7,660	7,810	365.43	22.12	343.31	0.90/2.61
MW-2	**04/19/2001**	**4,460**	**NA**	**114**	**7.61**	**115**	**4.87**	**15,200**	**18,400**	**365.43**	**20.95**	**344.48**	**1.6/1.5**
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
MW-3	07/27/2000	4,360	NA	78.4	6.95	85.8	2.61	26,600	25,200b	364.97	19.10	345.87	1.9/2.0
MW-3	10/16/2000	586	NA	21.3	<0.500	<0.500	<0.500	3,310	NA	364.97	24.11	340.86	1.1/0.8
MW-3	01/16/2001	558	NA	14.7	<0.500	<0.500	<0.500	2,210	NA	364.97	22.19	342.78	0.87/3.5
MW-3	**04/19/2001**	**376**	**NA**	**9.08**	**<0.500**	**<0.500**	**<0.500**	**667**	**NA**	**364.97**	**20.96**	**344.01**	**1.7/1.4**

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)

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

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

Sequoia Analytical

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

1 May, 2001

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

RE: 11989 Dublin Blvd.
Sequoia Report: MKD0559

Enclosed are the results of analyses for samples received by the laboratory on 04/20/01 10:26. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Jeff Smyly
Project Manager

CA ELAP Certificate #1210

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: 11989 Dublin Blvd.	
1680 Rogers Avenue	Project Number: 11989 Dublin Blvd./ Dublin	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	05/01/01 13:27

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-1	MKD0559-01	Water	04/19/01 14:05	04/20/01 10:26
MW-2	MKD0559-02	Water	04/19/01 14:30	04/20/01 10:26
MW-3	MKD0559-03	Water	04/19/01 14:55	04/20/01 10:26

Sequoia Analytical - Morgan Hill

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.

Jeff Smyly, Project Manager

Sequoia Analytical

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Blaine Tech Services (Shell)	Project: 11989 Dublin Blvd.	
1680 Rogers Avenue	Project Number: 11989 Dublin Blvd./ Dublin	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	05/01/01 13:27

Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-1 (MKD0559-01) Water Sampled: 04/19/01 14:05 Received: 04/20/01 10:26									
Purgeable Hydrocarbons	ND	50.0	ug/l	1	1D25003	04/25/01	04/25/01	DHS LUFT	
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		*80.1 %*		*70-130*	"	"	"	"	
MW-2 (MKD0559-02) Water Sampled: 04/19/01 14:30 Received: 04/20/01 10:26									
Purgeable Hydrocarbons	**4460**	250	ug/l	5	1D25003	04/25/01	04/25/01	DHS LUFT	P-03
Benzene	**114**	2.50	"	"	"	"	"	"	
Toluene	**7.61**	2.50	"	"	"	"	"	"	
Ethylbenzene	**115**	2.50	"	"	"	"	"	"	
Xylenes (total)	**4.87**	2.50	"	"	"	"	"	"	
Methyl tert-butyl ether	**15200**	250	"	100	"	"	04/25/01	"	M-03
Surrogate: a,a,a-Trifluorotoluene		*144 %*		*70-130*	"	"	*04/25/01*	"	*S-02*
MW-3 (MKD0559-03) Water Sampled: 04/19/01 14:55 Received: 04/20/01 10:26									
Purgeable Hydrocarbons	**376**	50.0	ug/l	1	1D25003	04/25/01	04/25/01	DHS LUFT	P-03
Benzene	**9.08**	0.500	"	"	"	"	"	"	
Toluene	ND	0.500	"	"	"	"	"	"	
Ethylbenzene	ND	0.500	"	"	"	"	"	"	
Xylenes (total)	ND	0.500	"	"	"	"	"	"	
Methyl tert-butyl ether	**667**	6.25	"	2.5	"	"	04/26/01	"	M-03
Surrogate: a,a,a-Trifluorotoluene		*78.9 %*		*70-130*	"	"	*04/25/01*	"	

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Blaine Tech Services (Shell)	Project: 11989 Dublin Blvd.	
1680 Rogers Avenue	Project Number: 11989 Dublin Blvd./ Dublin	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	05/01/01 13:27

MTBE Confirmation by EPA Method 8260A

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-2 (MKD0559-02) Water Sampled: 04/19/01 14:30 Received: 04/20/01 10:26									
Methyl tert-butyl ether	**18400**	1000	ug/l	1000	1E01008	04/30/01	04/30/01	EPA 8260A	
Surrogate: 1,2-Dichloroethane-d4		*90.8 %*	*70-130*		"	"	"	"	

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1680 Rogers Avenue	Project Number: 11989 Dublin Blvd./ Dublin	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	05/01/01 13:27

Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT - Quality Control

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1D25003 - EPA 5030B [P/T]										
Blank (1D25003-BLK1)				Prepared & Analyzed: 04/25/01						
Purgeable Hydrocarbons	ND	50.0	ug/l							
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	*8.10*		"	*10.0*		*81.0*	*70-130*			
LCS (1D25003-BS1)				Prepared & Analyzed: 04/25/01						
Benzene	8.78	0.500	ug/l	10.0		87.8	70-130			
Toluene	7.99	0.500	"	10.0		79.9	70-130			
Ethylbenzene	7.95	0.500	"	10.0		79.5	70-130			
Xylenes (total)	24.0	0.500	"	30.0		80.0	70-130			
Surrogate: a,a,a-Trifluorotoluene	*8.17*		"	*10.0*		*81.7*	*70-130*			
Matrix Spike (1D25003-MS1)		**Source: MKD0559-01**		Prepared & Analyzed: 04/25/01						
Benzene	9.70	0.500	ug/l	10.0	ND	97.0	60-140			
Toluene	8.54	0.500	"	10.0	ND	85.4	60-140			
Ethylbenzene	8.20	0.500	"	10.0	ND	82.0	60-140			
Xylenes (total)	25.9	0.500	"	30.0	ND	86.3	60-140			
Surrogate: a,a,a-Trifluorotoluene	*8.47*		"	*10.0*		*84.7*	*70-130*			
Matrix Spike Dup (1D25003-MSD1)		**Source: MKD0559-01**		Prepared & Analyzed: 04/25/01						
Benzene	9.62	0.500	ug/l	10.0	ND	96.2	60-140	0.828	25	
Toluene	8.22	0.500	"	10.0	ND	82.2	60-140	3.82	25	
Ethylbenzene	7.70	0.500	"	10.0	ND	77.0	60-140	6.29	25	
Xylenes (total)	25.3	0.500	"	30.0	ND	84.3	60-140	2.34	25	
Surrogate: a,a,a-Trifluorotoluene	*8.57*		"	*10.0*		*85.7*	*70-130*			

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Blaine Tech Services (Shell)	Project: 11989 Dublin Blvd.	
1680 Rogers Avenue	Project Number: 11989 Dublin Blvd./ Dublin	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	05/01/01 13:27

MTBE Confirmation by EPA Method 8260A - Quality Control

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1E01008 - EPA 5030B P/T										
Blank (1E01008-BLK1)				Prepared & Analyzed: 04/30/01						
Methyl tert-butyl ether	ND	1.00	ug/l							
Surrogate: 1,2-Dichloroethane-d4	*9.09*		"	*10.0*		*90.9*	*70-130*			
LCS (1E01008-BS1)				Prepared & Analyzed: 04/30/01						
Methyl tert-butyl ether	10.7	1.00	ug/l	10.0		107	70-130			
Surrogate: 1,2-Dichloroethane-d4	*9.56*		"	*10.0*		*95.6*	*70-130*			
LCS Dup (1E01008-BSD1)				Prepared & Analyzed: 04/30/01						
Methyl tert-butyl ether	11.8	1.00	ug/l	10.0		118	70-130	9.78	25	
Surrogate: 1,2-Dichloroethane-d4	*8.82*		"	*10.0*		*88.2*	*70-130*			
Matrix Spike (1E01008-MS1)		**Source: MKD0579-04**		Prepared & Analyzed: 04/30/01						
Methyl tert-butyl ether	13300	500	ug/l	5000	9010	85.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	*9.32*		"	*10.0*		*93.2*	*70-130*			
Matrix Spike Dup (1E01008-MSD1)		**Source: MKD0579-04**		Prepared & Analyzed: 04/30/01						
Methyl tert-butyl ether	11900	500	ug/l	5000	9010	57.8	70-130	11.1	25	Q-01
Surrogate: 1,2-Dichloroethane-d4	*9.38*		"	*10.0*		*93.8*	*70-130*			

Sequoia Analytical

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Blaine Tech Services (Shell)	Project: 11989 Dublin Blvd.	
1680 Rogers Avenue	Project Number: 11989 Dublin Blvd./ Dublin	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	05/01/01 13:27

Notes and Definitions

M-03	Sample was analyzed at a second dilution.
P-03	Chromatogram Pattern: Unidentified Hydrocarbons 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.
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
RPD	Relative Percent Difference

LAB: Sequoia

Lab Identification (if necessary):

Address:

City, State, Zip:

EQUIVA Services LLC Chain Of Custody Record

Equiva Project Manager to be Invoiced:

☑ SCIENCE & ENGINEERING
☐ TECHNICAL SERVICES
☐ CRMT HOUSTON

Karen Petryna

INCIDENT NUMBER (S&E ONLY): 9 8 9 9 5 3 2 8

SAP or CRMT NUMBER (TS/CRMT):

DATE: 04/19/01

PAGE: 1 of 1

CONSULTANT COMPANY: Blaine Tech Services

ADDRESS: 1680 Rogers Avenue

CITY: San Jose, CA 95112

TELEPHONE: 408-573-0555 | FAX: 408-573-7771 | E-MAIL: nsudano@blainetech.com

SITE ADDRESS (Street and City): 11989 Dublin Blvd., Dublin

PROJECT CONTACT (Report to): Nick Sudano

CONSULTANT PROJECT NO.: BTS # 010419-M2

SAMPLER NAME(S) (Print): Matthew Miller

LAB USE ONLY: MKD0559

TURNAROUND TIME (BUSINESS DAYS): ✓ 10 DAYS ☐ 5 DAYS ☐ 72 HOURS ☐ 48 HOURS ☐ 24 HOURS ☐ LESS THAN 24 HOURS

☐ LA - RWQCB REPORT FORMAT ☐ UST AGENCY: ______

GC/MS MTBE CONFIRMATION: HIGHEST X HIGHEST per BORING ______ ALL ______

SPECIAL INSTRUCTIONS OR NOTES: TEMPERATURE ON RECEIPT C°

REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	TPH - Gas, Purgeable (8015m)	BTEX (8021B)	MTBE (8021B)	MTBE (8260B)	TPH - Diesel, Extractable (8015m)	Oxygenates (5) by 8260	Ethanol, Methanol (8015B)		MTBE (8260B) Confirmation, See Note										FIELD NOTES: Container/Preservative or PID Readings or Laboratory Notes
																								MKD0559
	mw 1	4/19	1405	W	3	X	X	X						X									01	
	mw 2	4/19	1430	W	3	X	X	X						X									02	
	mw 3	4/19	1455	W	3	X	X	X						X									03	

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
[signature]	WIB	4-20	850
Relinquished by: (Signature) W/B	Received by: (Signature) [signature]	Date: 4-20	Time: 1030
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

with final report, Green to File, Yellow and Pink to Client.

10/16/00 Revision

C&G Graphic (714) 898-0702

WELL GAUGING DATA

Project # 010419-M2 Date 04/19/01 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	
mw 1	4	—	—	—	—	5.63	19.78	↓	
mw 2	4	—	—	—	—	20.95	32.53		
mw 3	4	—	—	—	—	20.96	32.65		

EQUIVA WELL MONITORING DATA SHEET

BTS #: 010419-M2	Site: 11989 Dublin Blvd. Dublin CA
Sampler: MJM	Date: 04/19/01
Well I.D.: MW-1	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: 19.78	Depth to Water: 5.63
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): (YSI) HACH

Purge Method:
- Bailer
- Disposable Bailer
- Middleburg
- (Electric Submersible)
- Waterra
- Peristaltic
- Extraction Pump
- Other_____

Sampling Method: (Bailer)
- Disposable Bailer
- Extraction Port
- Dedicated Tubing
- Other: _____

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

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
1354	67.9	7.2	1076	96	10	
1357	68.2	7.3	1085	61	20	
1359	68.0	7.4	1101	72	28	

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

Sampling Time: 1405 Sampling Date: 04/19/01

Sample I.D.: MW-1 Laboratory: (Sequoia) Columbia Other_____

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

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

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

D.O. (if req'd):	Pre-purge:	1.4 mg/L	Post-purge:	1.5 mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

EQUIVA WELL MONITORING DATA SHEET

BTS #: 010419-M2	Site: 11989 Dublin Blvd Dublin CA
Sampler: MJM	Date: 04/19/01
Well I.D.: MW-2	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: 32.53	Depth to Water: 20.95
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): (YSI) HACH

Purge Method:
- Bailer
- Disposable Bailer
- Middleburg
- (Electric Submersible)
- Waterra
- Peristaltic
- Extraction Pump
- Other_____

Sampling Method: (Bailer)
- Disposable Bailer
- Extraction Port
- Dedicated Tubing
- Other: _____

7.5 (Gals.) X 3 = 22.5 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius^2 * 0.163

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
1446	67.5	7.3	1005	59	8	
1448	69.1	7.2	1004	71	~~8~~ 16	
1450	69.7	7.2	1007	46	~~16~~ 23	

Did well dewater? Yes (No) Gallons actually evacuated: 23

Sampling Time: 1455 Sampling Date: 04/19/01

Sample I.D.: MW-2 Laboratory: (Sequoia) Columbia Other_____

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

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

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

D.O. (if req'd):	Pre-purge:	1.6 mg/L	Post-purge:	1.5 mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

JUN 2 9 2001

EQUIVA WELL MONITORING DATA SHEET

BTS #: 010419-M2	Site: 11989 Dublin Blvd Dublin CA
Sampler: MJM	Date: 04/19/01
Well I.D.: MW-3	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: 32.65	Depth to Water: 20.96
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): (YSI) HACH

Purge Method:
- Bailer
- Disposable Bailer
- Middleburg
- (Electric Submersible)
- Waterra
- Peristaltic
- Extraction Pump
- Other_____

Sampling Method: (Bailer)
- Disposable Bailer
- Extraction Port
- Dedicated Tubing
- Other: _____

7.6 (Gals.) X 3 = 22.8 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius^2 * 0.163

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
1420	66.3	7.5	1135	96	8	
1422	67.7	7.3	1188	24	~~8~~ 16	
1424	67.8	7.4	1223	23	~~16~~ 23	

Did well dewater? Yes (No) Gallons actually evacuated: 23

Sampling Time: 1430 Sampling Date: 04/19/01

Sample I.D.: MW-3 Laboratory: (Sequoia) Columbia Other_____

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

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

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

D.O. (if req'd):	Pre-purge:	1.7 mg/L	Post-purge:	1.4 mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV