CAMBRIA

September 28, 2000

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

Increase in TPHg BTEX + MTBE in well MW-3 OR data from MW-2 and MW-3 were switched, which is what consultants believe.

Confirm other oxygenates w/ 8260 next sampling event None detected in Oct 2000

Re: **Third 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.

THIRD 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.

Comparison of the current analytical results with previous trends suggests that the samples from wells MW-2 and MW-3 were mislabeled. Cambria will notify the sampling contractor of the possible error and will evaluate future trends.

ANTICIPATED FOURTH 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

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 report.

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

bjakub@cambria-env.com

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

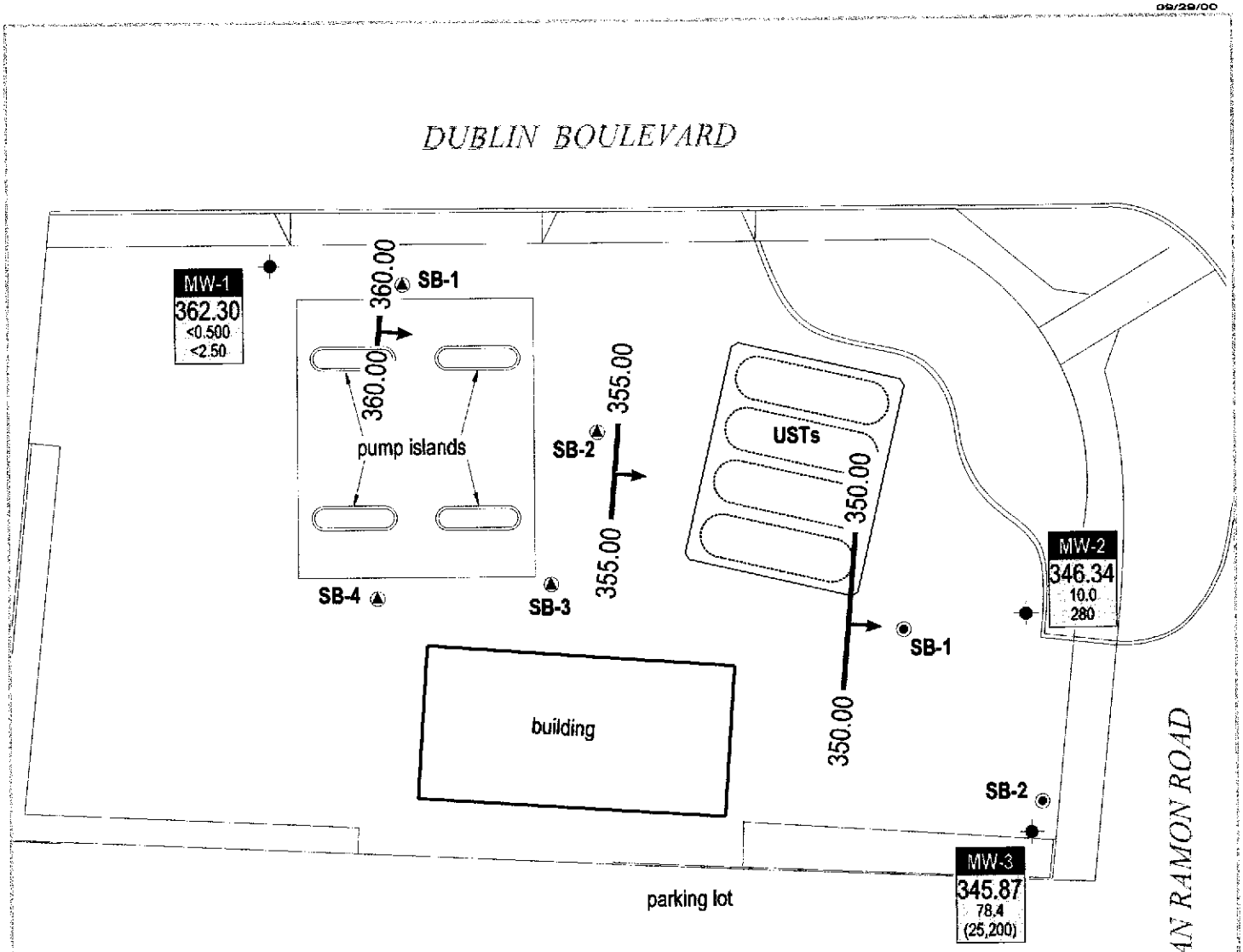
REGISTERED GEOLOGIST
STEPHAN A. BORK
No. E[illegible]
CER[illegible]
ENGINEERING GEOLOGIST
STATE OF CALIFORNIA

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\3q00qm.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 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:\DUBLIN11989DUBLIN\FIGURES\3Q00-MP.DWG

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

CAMBRIA

Groundwater Elevation Contour Map

July 27, 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

September 13, 2000

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

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

Monitoring performed on July 27, 2000

Groundwater Monitoring Report **000727F-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/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-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-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**

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

5 September, 2000

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

RE: 11989 Dublin Blvd.
Sequoia Report: MJG0856

Enclosed are the results of analyses for samples received by the laboratory on 07/28/00 12:14. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Ted Terrasas
Project Manager

CA ELAP Certificate #1210

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	09/05/00 10:51

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-1	MJG0856-01	Water	07/27/00 09:34	07/28/00 12:14
MW-2	MJG0856-02	Water	07/27/00 10:06	07/28/00 12:14
MW-3	MJG0856-03	Water	07/27/00 09:50	07/28/00 12:14

Ted Terrasas, Project Manager

Sequoia Analytical

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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	09/05/00 10:51

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 (MJG0856-01) Water Sampled: 07/27/00 09:34 Received: 07/28/00 12:14									
Purgeable Hydrocarbons	ND	50.0	ug/l	1	0H08002	08/08/00	08/08/00	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		*90.9 %*		*70-130*	"	"	"	"	
MW-2 (MJG0856-02) Water Sampled: 07/27/00 10:06 Received: 07/28/00 12:14									
Purgeable Hydrocarbons	**311**	50.0	ug/l	1	0H08002	08/08/00	08/08/00	DHS LUFT	P-03
Benzene	**10.0**	0.500	"	"	"	"	"	"	
Toluene	ND	0.500	"	"	"	"	"	"	
Ethylbenzene	ND	0.500	"	"	"	"	"	"	
Xylenes (total)	ND	0.500	"	"	"	"	"	"	
Methyl tert-butyl ether	**280**	125	"	50	"	"	08/10/00	"	M-03
Surrogate: a,a,a-Trifluorotoluene		*129 %*		*70-130*	"	"	*08/08/00*	"	
MW-3 (MJG0856-03) Water Sampled: 07/27/00 09:50 Received: 07/28/00 12:14									
Purgeable Hydrocarbons	**4360**	250	ug/l	5	0H08002	08/08/00	08/08/00	DHS LUFT	P-01
Benzene	**78.4**	2.50	"	"	"	"	"	"	
Toluene	**6.95**	2.50	"	"	"	"	"	"	
Ethylbenzene	**85.8**	2.50	"	"	"	"	"	"	
Xylenes (total)	**2.61**	2.50	"	"	"	"	"	"	
Methyl tert-butyl ether	**26600**	1000	"	400	"	"	08/10/00	"	M-03
Surrogate: a,a,a-Trifluorotoluene		*115 %*		*70-130*	"	"	*08/08/00*	"	

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1680 Rogers Avenue	Project Number: 11989 Dublin Blvd./ Dublin	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	09/05/00 10:51

MTBE Confirmation by EPA Method 8260A

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-3 (MJG0856-03) Water Sampled: 07/27/00 09:50 Received: 07/28/00 12:14									
Methyl tert-butyl ether	**25200**	1000	ug/l	1000	0H16004	08/15/00	08/15/00	EPA 8260A	I-02
Surrogate: 1,2-Dichloroethane-d4		*88.4 %*		*70-130*		"	"	"	*I-02*

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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	09/05/00 10:51

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 0H08002 - EPA 5030B [P/T]										
Blank (0H08002-BLK1)				Prepared & Analyzed: 08/08/00						
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	*9.07*		"	*10.0*		*90.7*	*70-130*			
LCS (0H08002-BS1)				Prepared & Analyzed: 08/08/00						
Benzene	9.98	0.500	ug/l	10.0		99.8	70-130			
Toluene	10.1	0.500	"	10.0		101	70-130			
Ethylbenzene	10.2	0.500	"	10.0		102	70-130			
Xylenes (total)	30.8	0.500	"	30.0		103	70-130			
Surrogate: a,a,a-Trifluorotoluene	*9.25*		"	*10.0*		*92.5*	*70-130*			
Matrix Spike (0H08002-MS1)		**Source: MJG0856-01**		Prepared & Analyzed: 08/08/00						
Benzene	10.1	0.500	ug/l	10.0	ND	101	60-140			
Toluene	10.1	0.500	"	10.0	ND	101	60-140			
Ethylbenzene	10.1	0.500	"	10.0	ND	101	60-140			
Xylenes (total)	30.4	0.500	"	30.0	ND	101	60-140			
Surrogate: a,a,a-Trifluorotoluene	*9.11*		"	*10.0*		*91.1*	*70-130*			
Matrix Spike Dup (0H08002-MSD1)		**Source: MJG0856-01**		Prepared & Analyzed: 08/08/00						
Benzene	10.3	0.500	ug/l	10.0	ND	103	60-140	1.96	25	
Toluene	10.3	0.500	"	10.0	ND	103	60-140	1.96	25	
Ethylbenzene	10.2	0.500	"	10.0	ND	102	60-140	0.985	25	
Xylenes (total)	30.6	0.500	"	30.0	ND	102	60-140	0.656	25	
Surrogate: a,a,a-Trifluorotoluene	*9.33*		"	*10.0*		*93.3*	*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	09/05/00 10:51

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 0H16004 - EPA 5030B [P/T]										
Blank (0H16004-BLK1)				Prepared & Analyzed: 08/15/00						
Methyl tert-butyl ether	ND	1.00	ug/l							
Surrogate: 1,2-Dichloroethane-d4	*7.14*		"	*10.0*		*71.4*	*70-130*			
LCS (0H16004-BS1)				Prepared & Analyzed: 08/15/00						
Methyl tert-butyl ether	7.18	1.00	ug/l	10.0		71.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	*8.37*		"	*10.0*		*83.7*	*70-130*			
Matrix Spike (0H16004-MS1)		**Source: MJH0214-09**		Prepared & Analyzed: 08/15/00						
Methyl tert-butyl ether	8.81	1.00	ug/l	10.0	ND	88.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	*8.54*		"	*10.0*		*85.4*	*70-130*			
Matrix Spike Dup (0H16004-MSD1)		**Source: MJH0214-09**		Prepared & Analyzed: 08/15/00						
Methyl tert-butyl ether	8.68	1.00	ug/l	10.0	ND	86.8	70-130	1.49	25	
Surrogate: 1,2-Dichloroethane-d4	*8.53*		"	*10.0*		*85.3*	*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	09/05/00 10:51

Notes and Definitions

I-02	The concentration reported is an estimated value above the linear quantitation range.
M-03	Sample was analyzed at a second dilution per clients request.
P-01	Chromatogram Pattern: Gasoline C6-C12
P-03	Chromatogram Pattern: Unidentified Hydrocarbons C6-C12
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

BLAINE
TECH SERVICES, INC.

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

CHAIN OF 000727 #1

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
MJG0856
Send invoice to Equiva
Incident # 98995328
Sent report to Blaine Tech Services, Inc.
ATTN: ~~Ann Pember~~ NICK SUDANO

C = COMPOSITE ALL CONTAINERS

CONDUCT ANALYSIS TO DETECT

SAMPLE I.D.	DATE	TIME	MATRIX S=SOIL W=H_2O	CONTAINERS TOTAL	40 ML HCl VOAS	C	TPH - gas, BTEX	MTBE by 8020	MTBE by 8260	TPH - diesel	Oxygenates by 8260			ADD'L INFORMATION	STATUS	CONDITION	LAB SAMPLE #
MW-1	7/27/00	934	W	3	X		X	X					01	If Confirm MTBE Hit by 8260	Highest	Detected	
MW-2	↓	1006	↓	↓	↓		↓	↓					02				
MW-3	↓	950	↓	↓	↓		↓	↓					03				

SAMPLING COMPLETED	DATE	TIME	SAMPLING PERFORMED BY
	7/27/00		MIKE STEWART

RESULTS NEEDED NO LATER THAN

RELEASED BY	DATE	TIME	RECEIVED BY	DATE	TIME
	7/28/00	9:03		7/28/00	9:03
	7/28/00			7/28/00	1214

SHIPPED VIA	DATE SENT	TIME SENT	COOLER #

WELL GAUGING DATA

Project # 000727 f1 Date 7-27-00 Client Equiva

Site 11989 Dublin RD. 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					5.69	19.76		
MW-2	4					19.09	32.46		
MW-3	4					19.10	32.62		

EQUIVA WELL MONITORING DATA SHEET

BTS #: 000727 f1	Site: 98995328
Sampler: MIKE S.	Date: 7-27-00
Well I.D.: MW-1	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: 19.76	Depth to Water: 5.69
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
- X Electric Submersible
- Waterra
- Peristaltic
- Extraction Pump
- Other_____

Sampling Method: X Bailer

- Disposable Bailer
- Extraction Port
- Dedicated Tubing
- Other: _____

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

9.1 (Gals.) X 3 = 27.4 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
926	66.2	6.9	1163	7200	10	Brown
928	66.4	7.0	1159	189	20	↓
930	66.3	7.0	1157	7200	28	↓

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

Sampling Time: 934 Sampling Date: 7-27-00

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:	1.0	mg/L	Post-purge:	1.1	mg/L
O.R.P. (if req'd):	Pre-purge:		mV	Post-purge:		mV

EQUIVA WELL MONITORING DATA SHEET

BTS #: 000727 S1	Site: 98995328
Sampler: MIKE S.	Date: 7-27-00
Well I.D.: MW-2	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: 32.46	Depth to Water: 19.09
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
- (X) Electric Submersible
- Waterra
- Peristaltic
- Extraction Pump
- Other_____

Sampling Method: (X) Bailer

- Disposable Bailer
- Extraction Port
- Dedicated Tubing
- Other: _____

8.6 (Gals.) X 3 = 26.0 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
1002	67.4	6.9	1007	143	9	cloudy
1003	67.6	6.8	9989 986	150	18	↓
1004	67.6	6.8	991	150	26	↓

Did well dewater? Yes (No) Gallons actually evacuated: 26

Sampling Time: 1006 Sampling Date: 7-27-00

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):	1.9	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

BTS #: 000727 F1	Site: 98995328
Sampler: MIKE S.	Date: 7-27-00
Well I.D.: MW-3	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth: 32.62	Depth to Water: 19.10
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
- X Electric Submersible
- Waterra
- Peristaltic
- Extraction Pump
- Other_____

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

8.7 (Gals.) X 3 = 26.3 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
945	66.9	6.7	1145	>200	9	
946	67.1	6.80	1140	197	18	
947	67.0	6.8	1143	>200	27	

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

Sampling Time: 950 Sampling Date: 7-27-00

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:	1.9 mg/L	Post-purge:	2.0 mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV