CAMBRIA

September 5, 2001

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

Re: **Third 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.

THIRD 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 installed an offsite monitoring well in the right turn lane of San Ramon Boulevard on July 26, 2001. The well will be sampled during the next monitoring event.

ANTICIPATED FOURTH QUARTER 2001 ACTIVITIES

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

Offsite Well Installation: Cambria will submit an offsite well investigation report within 60 days of the well installation.

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

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

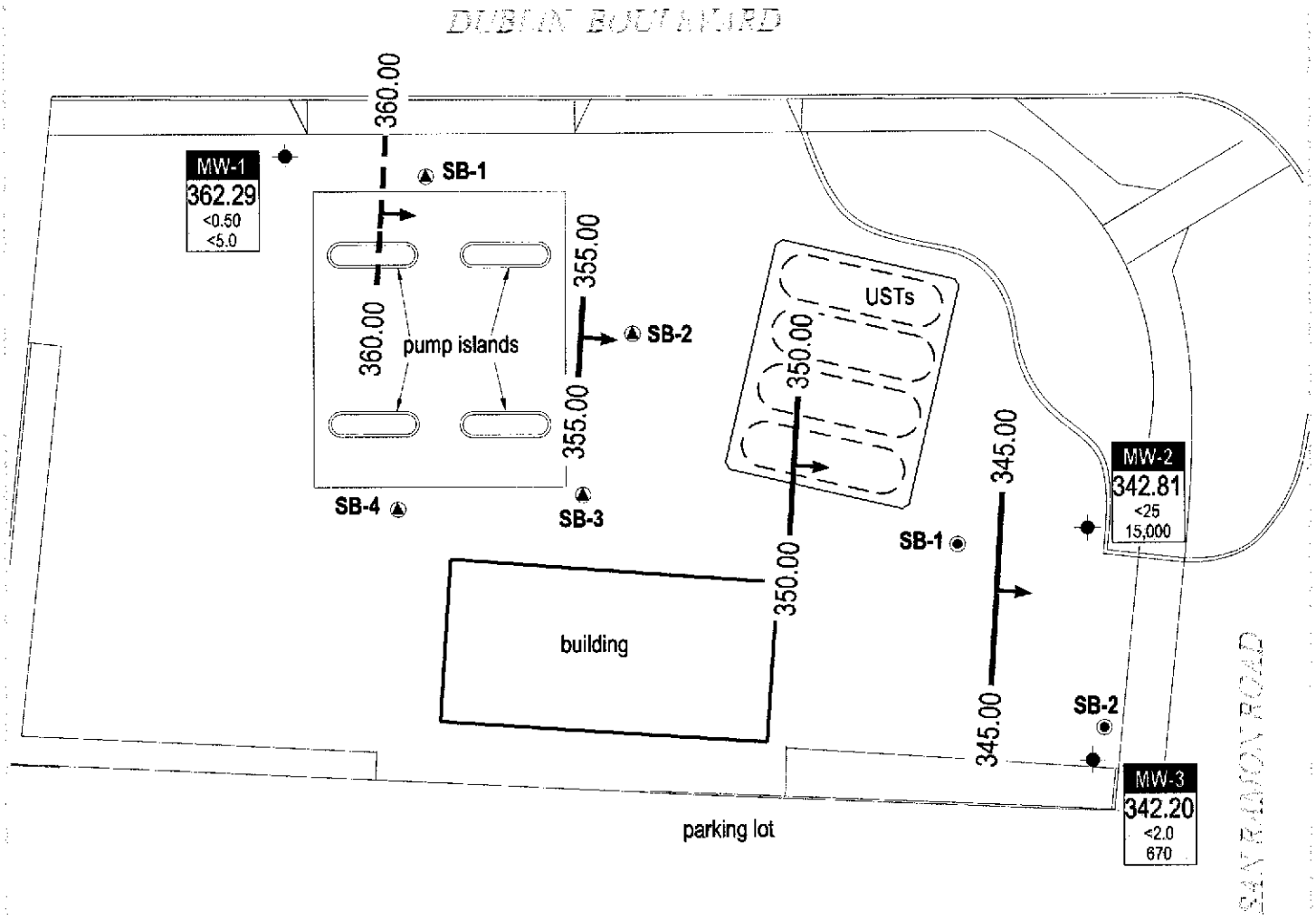
REGISTERED GEOLOGIST
STEPHAN A. BORK
No. EG 2058
CERTIFIED
ENGINEERING
GEOLOGIST
STATE OF CALIFORNIA

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\3q01qm.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 8260.

N

0 15 30
Scale (ft)

FIGURE
1

G:\DUBLIN11989\DUBLIN\FIGURES\3QM01-MP.DWG

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

CAMBRIA

Groundwater Elevation Contour Map

July 13, 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

August 1, 2001

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

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

Monitoring performed on July 13, 2001

Groundwater Monitoring Report **010713-J-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. Our activities at this site consisted of objective data and sample collection only. No interpretation of analytical results, defining of hydrological conditions or formulation of recommendations was performed.

Please call if you have any questions.

Yours truly,

Nick Sudano
Project Coordinator

NS/mb

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-1	**07/13/2001**	**<50**	**NA**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**NA**	**<5.0**	**367.99**	**5.70**	**362.29**	**2.3/3.1**
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-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-2	**07/13/2001**	**<5,000**	**NA**	**<25**	**<25**	**110**	**<25**	**NA**	**15,000**	**365.43**	**22.62**	**342.81**	**2.7/1.8**
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

reversed ?

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-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
MW-3	**07/13/2001**	**370**	**NA**	**<2.0**	**<2.0**	**<2.0**	**<2.0**	**NA**	**670**	**364.97**	**22.77**	**342.20**	**3.1/4.8**

Abbreviations:

TPPH = Total petroleum hydrocarbons as gasoline by EPA Method 8260B; prior to July 13, 2001, analyzed by EPA Method 8015.

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

BTEX = benzene, toluene, ethylbenzene, xylenes by EPA Method 8260B; prior to July 13, 2001, analyzed 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.

KIFF ANALYTICAL LLC

Report Number : 21294
Date : 7/24/2001

Nick Sudano
Blaine Tech Services
1680 Rogers Avenue
San Jose, CA 95112-1105

Subject : 3 Water Samples
Project Name : 11989 Dublin Blvd., Dublin
Project Number : 010713-J2
P.O. Number : 98995328

Dear Mr. Sudano,

Chemical analysis of the samples referenced above has been completed. Summaries of the data are contained on the following pages. Sample(s) were received under documented chain-of-custody. US EPA protocols for sample storage and preservation were followed.

Kiff Analytical is certified by the State of California (# 2236). If you have any questions regarding procedures or results, please call me at 530-297-4800.

Sincerely,

Joel Kiff

Joel Kiff

KIFF ANALYTICAL LLC

Report Number : 21294
Date : 7/24/2001

Project Name : **11989 Dublin Blvd., Dublin**
Project Number : **010713-J2**

Sample : **MW-1** Matrix : Water Lab Number : 21294-01
Sample Date :7/13/2001

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	7/20/2001
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	7/20/2001
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	7/20/2001
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	7/20/2001
Methyl-t-butyl ether (MTBE)	**< 5.0**	5.0	ug/L	EPA 8260B	7/20/2001
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	7/20/2001
Toluene - d8 (Surr)	99.7		% Recovery	EPA 8260B	7/20/2001
4-Bromofluorobenzene (Surr)	104		% Recovery	EPA 8260B	7/20/2001

Sample : **MW-2** Matrix : Water Lab Number : 21294-02
Sample Date :7/13/2001

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 25**	25	ug/L	EPA 8260B	7/19/2001
Toluene	**< 25**	25	ug/L	EPA 8260B	7/19/2001
Ethylbenzene	**110**	25	ug/L	EPA 8260B	7/19/2001
Total Xylenes	**< 25**	25	ug/L	EPA 8260B	7/19/2001
Methyl-t-butyl ether (MTBE)	**15000**	250	ug/L	EPA 8260B	7/19/2001
TPH as Gasoline	**< 5000**	5000	ug/L	EPA 8260B	7/19/2001
Toluene - d8 (Surr)	99.1		% Recovery	EPA 8260B	7/19/2001
4-Bromofluorobenzene (Surr)	103		% Recovery	EPA 8260B	7/19/2001

Approved By: Joel Kiff

720 Olive Drive, Suite D Davis, CA 95616 530-297-4800

KIFF ANALYTICAL LLC

Report Number : 21294
Date : 7/24/2001

Project Name : **11989 Dublin Blvd., Dublin**
Project Number : **010713-J2**

Sample : **MW-3** Matrix : Water Lab Number : 21294-03
Sample Date :7/13/2001

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 2.0**	2.0	ug/L	EPA 8260B	7/19/2001
Toluene	**< 2.0**	2.0	ug/L	EPA 8260B	7/19/2001
Ethylbenzene	**< 2.0**	2.0	ug/L	EPA 8260B	7/19/2001
Total Xylenes	**< 2.0**	2.0	ug/L	EPA 8260B	7/19/2001
Methyl-t-butyl ether (MTBE)	**670**	20	ug/L	EPA 8260B	7/19/2001
TPH as Gasoline	**370**	200	ug/L	EPA 8260B	7/19/2001
Toluene - d8 (Surr)	101		% Recovery	EPA 8260B	7/19/2001
4-Bromofluorobenzene (Surr)	105		% Recovery	EPA 8260B	7/19/2001

Approved By: Joel Kiff

720 Olive Drive, Suite D Davis, CA 95616 530-297-4800

Report Number : 21294

Date : 7/24/2001

Project Name : **11989 Dublin Blvd., Dublin**

Project Number : **010713-J2**

21294 Quality Control Data - Method Blank

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	7/18/2001
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	7/18/2001
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	7/18/2001
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	7/18/2001
Methyl-t-butyl ether (MTBE)	**< 5.0**	5.0	ug/L	EPA 8260B	7/18/2001
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	7/18/2001
Toluene - d8 (Surr)	98.5		% Recovery	EPA 8260B	7/18/2001
4-Bromofluorobenzene (Surr)	101		% Recovery	EPA 8260B	7/18/2001

Approved By: Joel Kiff

Report Number : 21294

Date : 7/24/2001

QC Report : Matrix Spike/ Matrix Spike Duplicate

Project Name : **11989 Dublin Blvd., Dublin**

Project Number : **010713-J2**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
Spike Recovery Data														
Benzene	21291-04	0.52	19.8	19.9	20.3	20.4	ug/L	EPA 8260B	7/18/2001	99.9	99.9	0.0157	70-130	25
Toluene	21291-04	<0.50	19.8	19.9	18.9	18.9	ug/L	EPA 8260B	7/18/2001	95.8	95.2	0.707	70-130	25
Tert-Butanol	21291-04	<5.0	98.8	99.4	98.6	99.9	ug/L	EPA 8260B	7/18/2001	99.8	100	0.719	70-130	25
Methyl-t-Butyl Ether	21291-04	<0.50	19.8	19.9	22.2	22.3	ug/L	EPA 8260B	7/18/2001	112	112	0.0222	70-130	25

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

720 Olive Drive, Suite D Davis, CA 95616 530-297-4800

Report Number : 21294

Date : 7/24/2001

QC Report : Laboratory Control Sample (LCS)

Project Name : **11989 Dublin Blvd., Dublin**

Project Number : **010713-J2**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
Benzene	19.4	ug/L	EPA 8260B	7/18/2001	104	70-130
Toluene	19.4	ug/L	EPA 8260B	7/18/2001	94.5	70-130
Tert-Butanol	96.9	ug/L	EPA 8260B	7/18/2001	98.5	70-130
Methyl-t-Butyl Ether	19.4	ug/L	EPA 8260B	7/18/2001	113	70-130

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

720 Olive Drive, Suite D Davis, CA 95616 530-297-4800

LAB: Kiff

EQUIVA Services LLC Chain Of Custody Record

Lab Identification (if necessary):
Address:
City, State, Zip:

Equiva Project Manager to be invoiced: 21294
- [x] 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: 7-13-01
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
CONSULTANT PROJECT NO.: BTS# 010713-J2
PROJECT CONTACT (Report to): Nick Sudano
SAMPLER NAME(S) (Print): J. Kerns
LAB USE ONLY

TURNAROUND TIME (BUSINESS DAYS): [x] 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 ______ 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
	MW-1	7/13	825	H_2O	3	X	X	X																1
	MW-2	↓	900	↓	↓	X	X	X																2
	MW-3	↓	845	↓	↓	X	X	X																3

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
[signature]			
Relinquished by: (Signature) [signature]	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature) [signature] Kiff Analytical	Date: 071601	Time: 1155

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

10/16/00 Revision

C&G Graphic (714) 568-0722

WELL GAUGING DATA

Project # 010712-S2 Date 7-12-01 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					5.70	19.78	TOC	
MW-2	4					22.62	32.53	"	
MW-3	4					22.77	32.65	"	

EQUIVA WELL MONITORING DATA SHEET

BTS #: 010713-JK	Site: 11989 Dublin Blvd. Dublin
Sampler: JK	Date: 7-13-01
Well I.D.: MW-1	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth: 19.78	Depth to Water: 5.70
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
0821	65.0	8.8	1086	117	10	
0822	70.5	8.5	1065	21	20	
0824	68.4	8.0	1075	12	28	

Did well dewater? Yes (No)		Gallons actually evacuated: 28	
Sampling Time: 0825		Sampling Date: 7-13-01	
Sample I.D.: MW-1		Laboratory: Sequoia Columbia Other Kiff	
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: 2.3 mg/L	Post-purge: 3.1	mg/L
O.R.P. (if req'd):	Pre-purge: mV	Post-purge:	mV

EQUIVA WELL MONITORING DATA SHEET

BTS #: 010713-JT2	Site: 11989 Dublin Blvd. Dublin
Sampler: JIC	Date: 7-13-01
Well I.D.: MW-2	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: 32.53	Depth to Water: 22.62
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: _____

6.4 (Gals.) X 3 = 19.2 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
0852	66.1	7.2	1059	192	7	odor / cloudy
0857	66.6	7.2	1027	39	14	" "
0855	67.0	7.1	1006	52	20	" "

Did well dewater? Yes (No) Gallons actually evacuated: 20

Sampling Time: 0900 Sampling Date: 7-13-01

Sample I.D.: MW-2 Laboratory: Sequoia Columbia Other Kiff

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:	2.7 mg/L	Post-purge:	1.8 mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

SEP 1 0 2001

EQUIVA WELL MONITORING DATA SHEET

BTS #: 010713-JT2	Site: 11989 Dublin Blvd. Dublin
Sampler: JC	Date: 7-13-01
Well I.D.: MW-3	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth: 32.65	Depth to Water: 22.77
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: _____

6.4 (Gals.) X 3 = 19.2 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
0837	66.0	7.2	1148	5	6.5	
0839	66.2	7.1	1422	7	13	
0841	66.1	7.0	1311	9	20	

Did well dewater? Yes (No) Gallons actually evacuated: 20

Sampling Time: 0845 Sampling Date: 7-13-01

Sample I.D.: MW-3 Laboratory: Sequoia Columbia Other Kiff

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:	3.1 mg/L	Post-purge:	4.8	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:		mV