

C A M B R I A

4017

August 29, 2001

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

SEP 04 2001

Re: **Second Quarter 2001 Monitoring Report**
Shell-branded Service Station
610 Market Street
Oakland, California
Incident #99895750
Cambria Project #243-0594-002



Dear Mr. Chan:

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.

REMEDIATION SUMMARY

Mobile Dual-Phase Vacuum Extraction Treatment (DVE): From March to October 2000, Cambria coordinated mobile DVE from wells MW-2 and MW-3. DVE removes soil vapors and separate-phase hydrocarbons from the vadose zone and enhances groundwater removal from remediation or monitoring wells. Due to low water-extraction volumes, DVE was discontinued. DVE activities at the site removed approximately 35.5 pounds of total petroleum hydrocarbons as gasoline, 0.2 pounds benzene, and 15.3 pounds of methyl tertiary butyl ether.

SECOND QUARTER 2001 ACTIVITIES

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

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.

Soil Vapor Extraction (SVE) and DVE Pilot Test: In late March, Cambria performed SVE and DVE pilot tests using an internal combustion engine. Results of this test were submitted in our August 29, 2001 *Site Conceptual Model and Pilot Test Report*.

Site Conceptual Model (SCM): Cambria developed an SCM, which includes a conduit study and sensitive receptor survey, for this site. The SCM was submitted in our August 29, 2001 *Site Conceptual Model and Pilot Test Report*.

ANTICIPATED THIRD QUARTER 2001 ACTIVITIES



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

SVE Pilot Test: As stated in the August 29, 2001 *Site Conceptual Model and Pilot Test Report*, Cambria recommends performing a long-term SVE pilot test on one of the tank backfill wells onsite.

Mobile Groundwater Extraction (GWE): As recommended in the August 29, 2001 *Site Conceptual Model and Pilot Test Report*, Cambria will coordinate weekly GWE from well MW-3 and potentially MW-2 using a vacuum truck, beginning in August 2001. Groundwater mass removal data will be presented in forthcoming quarterly monitoring reports, and continued GWE will be based on extracted groundwater volumes and concentration trends.

C A M B R I A

Mr. Barney Chan
August 29, 2001

CLOSING

We appreciate the opportunity to work with you on this project. Please call Jacquelyn Jones at (510) 420-3316 if you have any questions or comments.

Sincerely,
Cambria Environmental Technology, Inc



Jacquelyn L. Jones
Project Geologist



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

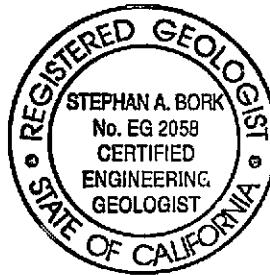
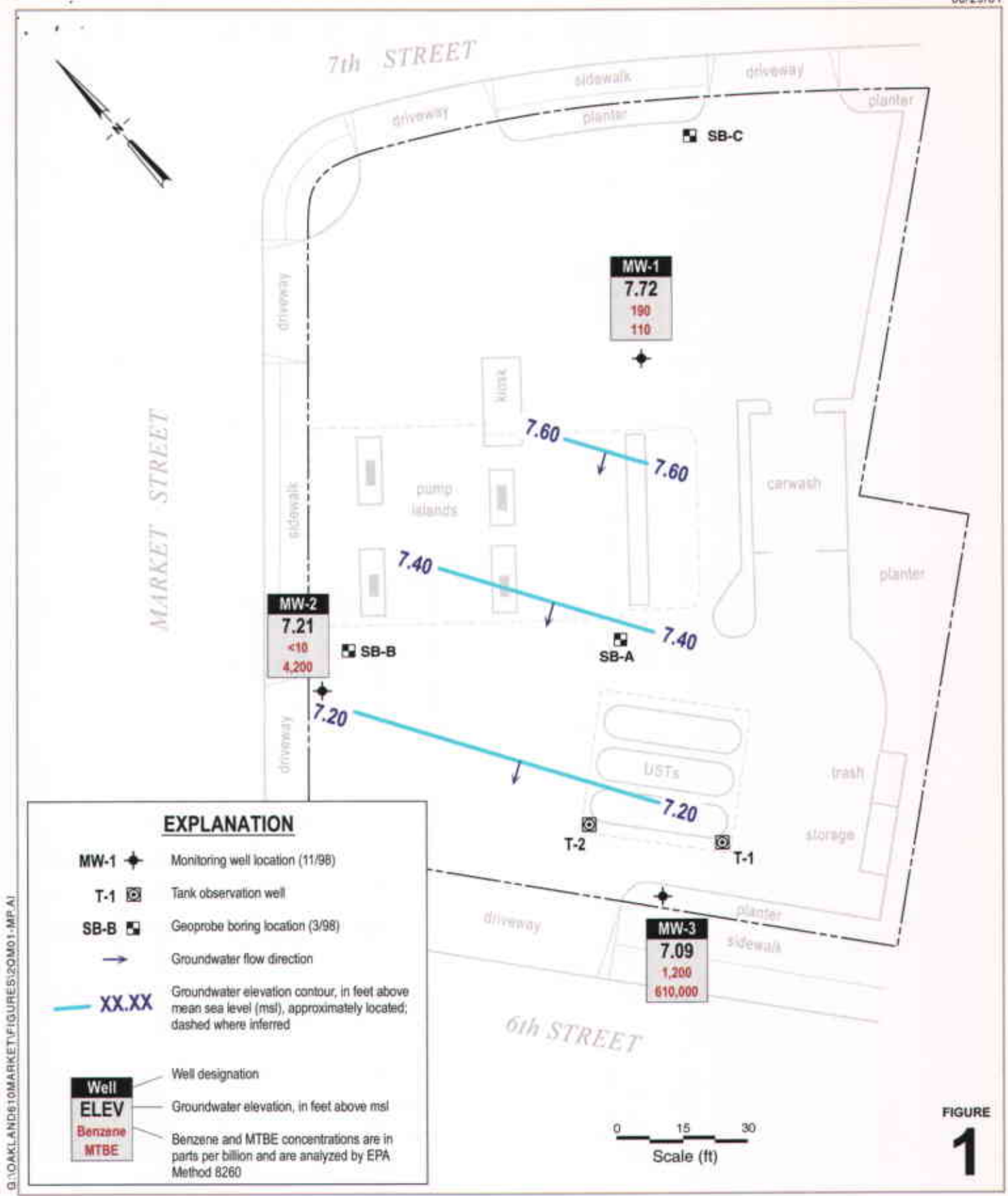


Figure: 1 - Groundwater Elevation Contour Map

Attachment: A - Blaine Groundwater Monitoring Report and Field Notes

cc: Karen Petryna, Equiva Services LLC, P.O. Box 7869, Burbank, California 91510-7869
Virginia R. Rawson, Tr., 1860 Tice Creek Drive #1353, Walnut Creek, CA 94595
Ronald L. & Cathy L. Labatt, PO Box 462, Kamiah, ID 83536

g:\oakland 610 market\qm\2q01qm.doc



G:\OAKLAND\610MARKET\FIGURES\20M01-1-1P-A1

FIGURE 1

Shell-branded Service Station

610 Market Street
 Oakland, California
 Incident #98995750



C A M B R I A

Groundwater Elevation Contour Map

June 28, 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

July 19, 2001

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

Second Quarter 2001 Groundwater Monitoring at
Shell-branded Service Station
610 Market Street
Oakland, CA

Monitoring performed on June 28, 2001

Groundwater Monitoring Report **010628-R-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 Shell Martinez Manufacturing Complex.

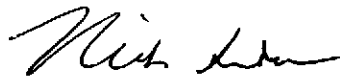
Basic field information is presented alongside analytical values excerpted from the laboratory report in the cumulative table of **WELL CONCENTRATIONS**. The full analytical report for the most recent samples and the field data sheets are attached to this report.

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/jt

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

cc: Anni Kreml
Cambria Environmental
1144 65th St. Suite C
Oakland, CA 94608-2411

WELL CONCENTRATIONS
Shell-branded Service Station
610 Market Street
Oakland, CA
WIC #204-5508-5702

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
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MW-1	12/17/1998	2,200	20	<10	110	420	<50	NA	21.70	13.71	7.99
MW-1	03/09/1999	4,320	25.8	<10.0	338	474	<100	NA	21.70	13.03	8.67
MW-1	06/16/1999	6,150	107	84.0	615	1,050	<250	NA	21.70	13.82	7.88
MW-1	09/29/1999	3,440	97.3	58.7	433	578	89.1	NA	21.70	14.45	7.25
MW-1	12/22/1999	1,370	34.5	4.38	196	49.1	29.3	NA	21.70	15.39	6.31
MW-1	03/21/2000	2,550	10.3	3.36	164	312	65.6	NA	21.70	11.94	9.76
MW-1	06/20/2000	4,770	64.3	18.6	387	732	51.3	NA	21.70	13.15	8.55
MW-1	09/21/2000	7,490	350	229	690	1,490	160	NA	21.70	13.65	8.05
MW-1	11/30/2000	5,410	420	168	494	1,170	167	NA	21.70	14.20	7.50
MW-1	03/06/2001	965	25.7	9.14	13.3	9.12	<25.0	NA	21.70	12.99	8.71
MW-1	06/28/2001	5,900	190	71	360	910	NA	110	21.70	13.98	7.72

MW-2	12/17/1998	<5,000	<50	<50	<50	<50	11,000	NA	19.61	12.07	7.54
MW-2	03/09/1999	<250	5.20	<2.50	<2.50	<2.50	9,870	NA	19.61	11.46	8.15
MW-2	06/16/1999	<50.0	0.569	<0.500	<0.500	<0.500	3,440	NA	19.61	12.26	7.35
MW-2	09/29/1999	58.6	2.51	0.978	<0.500	<0.500	3,930	NA	19.61	12.51	7.10
MW-2	12/22/1999	<2,000	50.4	<20.0	<20.0	<20.0	15,000	NA	19.61	13.40	6.21
MW-2	03/21/2000	<5,000	94.7	<50.0	<50.0	<50.0	13,900	NA	19.61	10.36	9.25
MW-2	06/20/2000	101	5.95	<0.500	<0.500	0.552	7,670	NA	19.61	11.12	8.49
MW-2	09/21/2000	<2,000	<20.0	<20.0	<20.0	<20.0	4,460	NA	19.61	11.95	7.66
MW-2	11/30/2000	81.1	4.46	0.924	0.841	3.23	3,450	NA	19.61	12.48	7.13
MW-2	03/06/2001	<500	183	<5.00	<5.00	<5.00	14,000	NA	19.61	11.10	8.51
MW-2	06/28/2001	<1,000	<10	<10	<10	<10	NA	4,200	19.61	12.40	7.21

MW-3	12/17/1998	30,000	890	110	2,100	4,300	42,000	43,000	19.05	11.65	7.40
MW-3	03/09/1999	22,700	536	<200	1,030	1,510	35,400	38,500	19.05	11.03	8.02

WELL CONCENTRATIONS
Shell-branded Service Station
610 Market Street
Oakland, CA
WIC #204-5508-5702

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
MW-3	06/16/1999	19,300	625	129	805	1,210	42,400	51,600	19.05	11.89	7.16
MW-3	09/29/1999	20,200	727	155	1,000	1,180	84,100	136,000a	19.05	12.35	6.70
MW-3	12/22/1999	44,500	767	64.4	1,810	2,090	191,000	186,000a	19.05	13.45	5.60
MW-3	03/21/2000	<25,000	466	<250	727	2,280	126,000	155,000	19.05	10.00	9.05
MW-3	06/20/2000	16,200	1,140	98.8	1,140	1,410	579,000	376,000a	19.05	11.15	7.90
MW-3	09/21/2000	<50,000	712	<500	520	795	293,000	298,000	19.05	11.58	7.47
MW-3	11/30/2000	18,000	1,050	124	1,120	2,010	543,000a	403,000a	19.05	12.10	6.95
MW-3	03/06/2001	19,900	1,290	115	1,450	1,760	706,000	149,000	19.05	11.00	8.05
MW-3	06/28/2001	<50,000	1,200	<250	1,100	1,300	NA	610,000	19.05	11.96	7.09

Abbreviations:

TPPH = Total petroleum hydrocarbons as gasoline by EPA Method 8260B; prior to June 28, 2001 analyzed by EPA Method 8015

BTEX = benzene, toluene, ethylbenzene, xylenes by EPA Method 8260B; prior to June 28, 2001 analyzed by EPA Method 8020

MTBE = methyl-tertiary-butyl ether

TOC = Top of Casing Elevation

GW = Groundwater

ug/L = parts per billion

msl = Mean sea level

ft = Feet

<n = Below detection limit

NA = Not applicable

Notes:

Wells MW-1, MW-2, and MW-3 surveyed December 9, 1998 by Virgil Chavez Land Surveying of Vallejo, California.

a = Sample was analyzed outside the EPA recommended holding time.



Report Number : 21053

Date : 7/13/2001

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

Subject : 3 Water Samples
Project Name : 610 Market Street, Oakland
Project Number : 010628-R2
P.O. Number : 98995750

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



Report Number : 21053

Date : 7/13/2001

Project Name : 610 Market Street, Oakland

Project Number : 010628-R2

Sample : MW-1

Matrix : Water

Lab Number : 21053-01

Sample Date :6/28/2001

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	190	2.0	ug/L	EPA 8260B	7/8/2001
Toluene	71	2.0	ug/L	EPA 8260B	7/8/2001
Ethylbenzene	360	2.0	ug/L	EPA 8260B	7/8/2001
Total Xylenes	910	2.0	ug/L	EPA 8260B	7/8/2001
Methyl-t-butyl ether (MTBE)	110	2.0	ug/L	EPA 8260B	7/8/2001
TPH as Gasoline	5900	200	ug/L	EPA 8260B	7/8/2001
Toluene - d8 (Surr)	101		% Recovery	EPA 8260B	7/8/2001
4-Bromofluorobenzene (Surr)	104		% Recovery	EPA 8260B	7/8/2001

Sample : MW-2

Matrix : Water

Lab Number : 21053-02

Sample Date :6/28/2001

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 10	10	ug/L	EPA 8260B	7/8/2001
Toluene	< 10	10	ug/L	EPA 8260B	7/8/2001
Ethylbenzene	< 10	10	ug/L	EPA 8260B	7/8/2001
Total Xylenes	< 10	10	ug/L	EPA 8260B	7/9/2001
Methyl-t-butyl ether (MTBE)	4200	10	ug/L	EPA 8260B	7/8/2001
TPH as Gasoline	< 1000	1000	ug/L	EPA 8260B	7/8/2001
Toluene - d8 (Surr)	101		% Recovery	EPA 8260B	7/8/2001
4-Bromofluorobenzene (Surr)	104		% Recovery	EPA 8260B	7/8/2001

Approved By:  Joel Kiff



Report Number : 21053

Date : 7/13/2001

Project Name : 610 Market Street, Oakland

Project Number : 010628-R2


Sample : MW-3

Matrix : Water

Lab Number : 21053-03

Sample Date :6/28/2001

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	1200	250	ug/L	EPA 8260B	7/8/2001
Toluene	< 250	250	ug/L	EPA 8260B	7/8/2001
Ethylbenzene	1100	250	ug/L	EPA 8260B	7/8/2001
Total Xylenes	1300	250	ug/L	EPA 8260B	7/8/2001
Methyl-t-butyl ether (MTBE)	610000	5000	ug/L	EPA 8260B	7/9/2001
TPH as Gasoline	< 50000	50000	ug/L	EPA 8260B	7/8/2001
Toluene - d8 (Surr)	101		% Recovery	EPA 8260B	7/8/2001
4-Bromofluorobenzene (Surr)	103		% Recovery	EPA 8260B	7/8/2001

Approved By:  Joel Kiff

Report Number : 21053

Date : 7/13/2001

Project Name : **610 Market Street, Oakland**

Project Number : **010628-R2**

21053 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	7/8/2001
Toluene	< 0.50	0.50	ug/L	EPA 8260B	7/8/2001
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	7/8/2001
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	7/8/2001
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	7/8/2001
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	7/8/2001
Toluene - d8 (Surr)	98.6		% Recovery	EPA 8260B	7/8/2001
4-Bromofluorobenzene (Surr)	103		% Recovery	EPA 8260B	7/8/2001

Approved By:  Joel Kiff

Report Number : 21053

Date : 7/13/2001

QC Report : Matrix Spike/ Matrix Spike Duplicate

Project Name : **610 Market Street, Oakland**

Project Number : **010628-R2**

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	21041-01	<0.50	19.9	19.9	19.9	20.0	ug/L	EPA 8260B	7/8/2001	99.6	100	0.900	70-130	25
Toluene	21041-01	<0.50	19.9	19.9	19.6	19.7	ug/L	EPA 8260B	7/8/2001	98.2	98.8	0.609	70-130	25
Tert-Butanol	21041-01	<5.0	99.7	99.7	90.8	92.5	ug/L	EPA 8260B	7/8/2001	91.1	92.8	1.84	70-130	25
Methyl-t-Butyl Ether	21041-01	1.0	19.9	19.9	18.2	19.1	ug/L	EPA 8260B	7/8/2001	86.4	91.0	5.16	70-130	25

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

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

Report Number : 21053

Date : 7/13/2001

QC Report : Laboratory Control Sample (LCS)

Project Name : **610 Market Street, Oakland**

Project Number : **010628-R2**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
Benzene	40.0	ug/L	EPA 8260B	7/8/2001	97.3	70-130
Toluene	40.0	ug/L	EPA 8260B	7/8/2001	95.4	70-130
Tert-Butanol	200	ug/L	EPA 8260B	7/8/2001	96.8	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	7/8/2001	85.8	70-130

KIFF ANALYTICAL, LLC

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

Approved By:  Joel Kiff

EQUIVA WELL MONITORING DATA SHEET

BTS #: <u>010628-R2</u>	Site: <u>98995750</u>
Sampler: <u>Trei</u>	Date: <u>6/28/01</u>
Well I.D.: <u>MW-1</u>	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: <u>24.60</u>	Depth to Water: <u>13.98</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> 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: _____

$$6.9 \text{ (Gals.)} \times 3 = 21 \text{ Gals.}$$
 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
0953	69.0	6.7	766.9	76	7	odor
0955	68.8	6.7	831.0	59	14	"
0958	68.8	6.7	880.9	65	21	"

Did well dewater? Yes No Gallons actually evacuated: 21

Sampling Time: 1003 Sampling Date: 6/28/01

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

EQUIVA WELL MONITORING DATA SHEET

BTS #: <u>010628-R2</u>	Site: <u>98995750</u>
Sampler: <u>Trei</u>	Date: <u>6/28/01</u>
Well I.D.: <u>MW-2</u>	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: <u>19.66</u>	Depth to Water: <u>12.40</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> 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: _____

$$\frac{1.7}{\text{Case Volume}} \times \frac{3}{\text{Specified Volumes}} = \frac{14.1}{\text{Calculated Volume}} \text{ Gals.}$$

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
0927	69.6	6.5	869.0	58	5	clear
0929	69.7	6.6	910.0	34	9	"
0931	69.5	6.7	840.8	25	14	"

Did well dewater? Yes No Gallons actually evacuated: 14

Sampling Time: 0936 Sampling Date: 6/28/01

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

EQUIVA WELL MONITORING DATA SHEET

BTS #: <u>010628-R2</u>	Site: <u>98995750</u>
Sampler: <u>Trei-</u>	Date: <u>6/28/01</u>
Well I.D.: <u>MW-3</u>	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: <u>19.60</u>	Depth to Water: <u>11.96</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> 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: _____

4.9 (Gals.) X 3 = 15 Gals.
 I 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
<u>1015</u>	<u>71.5</u>	<u>6.9</u>	<u>886.9</u>	<u>65</u>	<u>5</u>	<u>odoe</u>
<u>1017</u>	<u>70.7</u>	<u>6.9</u>	<u>843.0</u>	<u>101</u>	<u>10</u>	<u>"</u>
<u>1020</u>	<u>70.8</u>	<u>6.9</u>	<u>816.0</u>	<u>38</u>	<u>15</u>	<u>"</u>

Did well dewater? Yes No Gallons actually evacuated: 15

Sampling Time: 1026 Sampling Date: 6/28/01

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: _____ mg/L Post-purge: _____ mg/L

O.R.P. (if req'd): Pre-purge: _____ mV Post-purge: _____ mV