CAMBRIA

SEP 2 4 2001

September 19, 2001

Mr. Don Hwang
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

Re: **Third Quarter 2001 Monitoring Report**
Former Shell Service Station
2703 Martin Luther King Jr. Way
Oakland, California
Incident #97093397
Cambria Project #243-0781-002

Dear Mr. Hwang:

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.

Oxygen Releasing Compound (ORC) Installation: As approved by the Alameda County Health Care Services Agency, Blaine installed ORCs in wells V-1 and V-2 during the second quarter monitoring event on May 2, 2001.

ANTICIPATED FOURTH QUARTER 2001 ACTIVITIES

Groundwater Monitoring: Blaine will gauge and sample all wells, measure DO concentrations in selected 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

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.H.G.
Associate Hydrogeologist

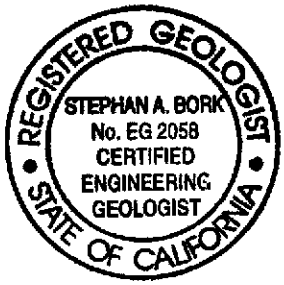

Figure: 1 - Groundwater Elevation Contour Map

Attachment: A - Blaine Groundwater Monitoring Report and Field Notes

cc: Karen Petryna, Equiva Services LLC, P.O. Box 7869, Burbank, California 91510-7869
Matthew Dudley, Burnham and Brown, 1901 Harrison Street, Oakland, California 94612
Rodney & Janet Kwan, 1834 Alameda Ave., Alameda, CA 94501

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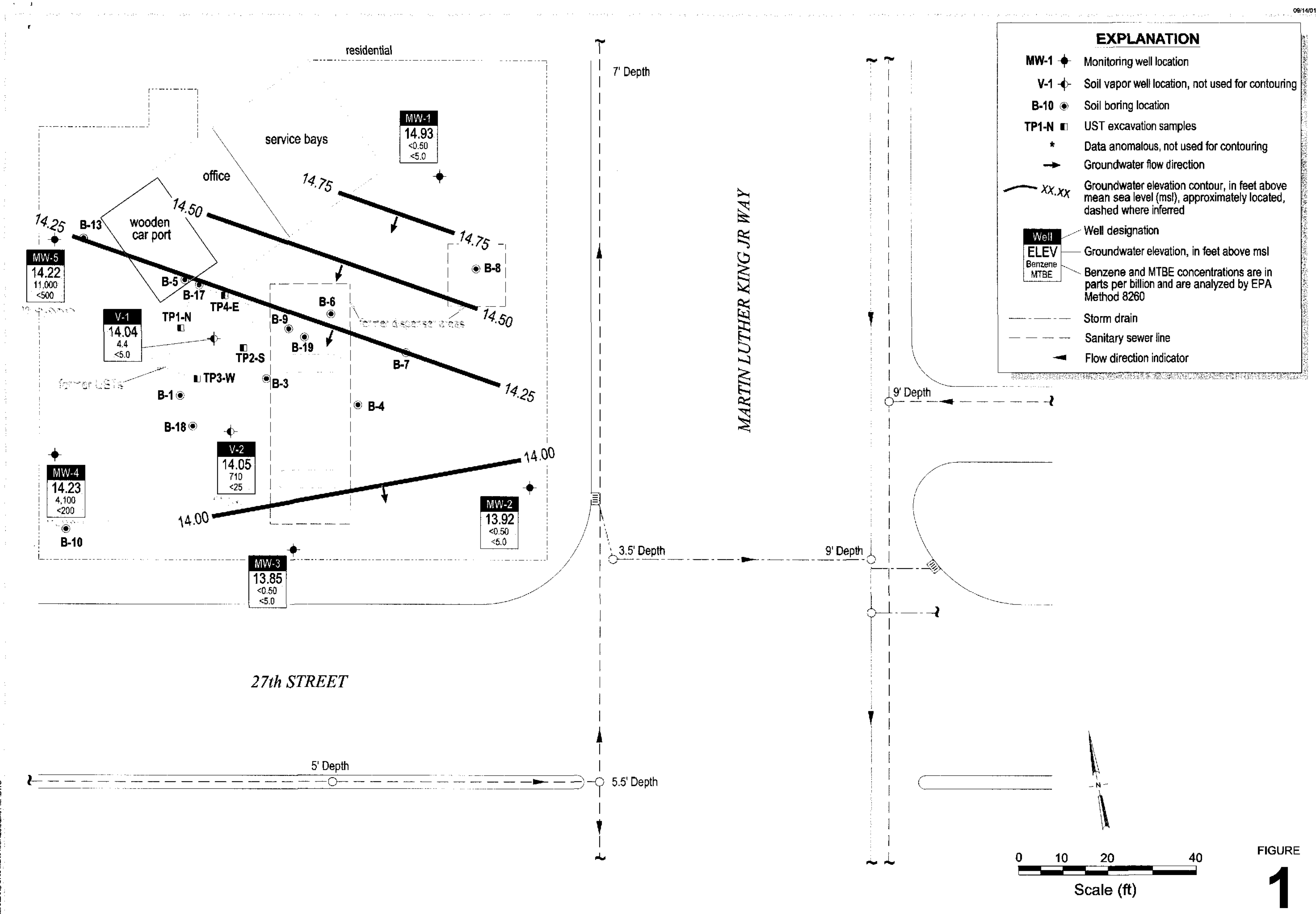

09/14/01

Groundwater Elevation Contour Map

July 9, 2001

CAMBRIA

FIGURE

1

Former Shell Service Station
2703 Martin Luther King Jr. Way
Oakland, California
Incident #97093397

G:\OAKLAND 2703 MLK\FIGURES\3QM01-MP.DWG

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 31, 2001

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

Third Quarter 2001 Groundwater Monitoring at
Former Shell Service Station
2703 Martin Luther King Jr. Way
Oakland, CA

Monitoring performed on July 9, 2001

Groundwater Monitoring Report **010709-C-3**

This report covers the routine monitoring of groundwater wells at this Former Shell 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

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 Sheets

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

WELL CONCENTRATIONS
Former Shell Service Station
2703 Martin Luther King Way
Oakland, CA
Wic #204-5508-1701

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)	SPH Thickness (ft.)
MW-1 (B-11)	08/02/1996	NA	NA	NA	NA	NA	NA	NA	23.53	NA	NA	NA
MW-1 (B-11)	08/05/1996	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	23.53	8.76	14.77	NA
MW-1 (B-11) (D)	08/05/1996	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	23.53	NA	NA	NA
MW-1 (B-11)	10/17/1996	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	23.53	9.88	13.65	NA
MW-1 (B-11)	01/08/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	23.53	6.82	16.71	NA
MW-1 (B-11)	04/07/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	23.53	7.89	15.64	NA
MW-1 (B-11)	07/02/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	23.53	8.71	14.82	NA
MW-1 (B-11)	10/24/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	23.53	9.26	14.27	NA
MW-1 (B-11)	01/09/1998	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	23.53	7.94	15.59	NA
MW-1 (B-11)	04/02/1998	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	23.53	7.21	16.32	NA
MW-1 (B-11)	07/14/1998	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	23.53	7.78	15.75	NA
MW-1 (B-11)	10/01/1998	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	23.53	8.39	15.14	NA
MW-1 (B-11)	01/18/1999	<50.0	<0.500	0.785	<0.500	<0.500	2.36	NA	23.53	8.28	15.25	NA
MW-1 (B-11)	04/29/1999	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	23.53	8.41	15.12	NA
MW-1 (B-11)	08/23/1999	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	23.53	8.17	15.36	NA
MW-1 (B-11)	10/06/1999	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	NA	23.53	9.37	14.16	NA
MW-1 (B-11)	01/27/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	23.53	7.52	16.01	NA
MW-1 (B-11)	04/18/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	23.53	7.66	15.87	NA
MW-1 (B-11)	07/19/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	23.53	7.81	15.72	NA
MW-1 (B-11)	10/24/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	23.53	8.33	15.20	NA
MW-1 (B-11)	01/04/2001	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	23.53	8.33	15.20	NA
MW-1 (B-11)	05/03/2001	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	23.53	7.83	15.70	NA
MW-1 (B-11)	**07/09/2001**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**NA**	**<5.0**	**23.53**	**8.60**	**14.93**	**NA**
MW-2 (B-12)*	07/17/1996	<50	<0.50	0.69	<0.50	<0.50	<2.5	NA	22.47	NA	NA	NA
MW-2 (B-12)*	08/05/1996	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	22.47	8.35	14.12	NA

WELL CONCENTRATIONS
Former Shell Service Station
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Oakland, CA
Wic #204-5508-1701

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)	SPH Thickness (ft.)
MW-2 (B-12)*	10/17/1996	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	22.47	9.32	13.15	NA
MW-2 (B-12) (D)*	10/17/1996	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	22.47	NA	NA	NA
MW-2 (B-12)*	01/08/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	22.47	6.80	15.67	NA
MW-2 (B-12) (D)*	01/08/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	22.47	NA	NA	NA
MW-2 (B-12)*	04/07/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	22.47	7.81	14.66	NA
MW-2 (B-12)*	07/02/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	22.47	8.27	14.20	NA
MW-2 (B-12)*	10/24/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	22.47	9.12	13.35	NA
MW-2 (B-12)*	01/09/1998	<50	<0.50	<0.50	<0.50	<0.50	6.3	NA	22.47	7.41	15.06	NA
MW-2 (B-12)*	04/02/1998	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	22.47	6.59	15.88	NA
MW-2 (B-12)*	07/14/1998	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	22.47	7.49	14.98	NA
MW-2 (B-12)*	10/01/1998	<50	<0.50	<0.50	<0.50	0.59	<2.5	NA	22.47	8.58	13.89	NA
MW-2 (B-12)*	01/18/1999	<50.0	<0.500	0.971	<0.500	<0.500	2.47	NA	22.47	8.68	13.79	NA
MW-2 (B-12)*	04/29/1999	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	22.47	8.62	13.85	NA
MW-2 (B-12)*	08/23/1999	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	22.47	7.43	15.04	NA
MW-2 (B-12)*	10/06/1999	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	NA	22.47	9.00	13.47	NA
MW-2 (B-12)*	01/27/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	22.47	8.15	14.32	NA
MW-2 (B-12)*	04/18/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	22.47	7.04	15.43	NA
MW-2 (B-12)*	07/19/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	22.47	7.13	15.34	NA
MW-2 (B-12)*	10/24/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	22.47	8.78	13.69	NA
MW-2 (B-12)*	01/04/2001	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	22.47	8.33	14.14	NA
MW-2 (B-12)*	05/03/2001	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	22.47	7.24	15.23	NA
MW-2 (B-12)*	**07/09/2001**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**NA**	**<5.0**	**22.47**	**8.55**	**13.92**	**NA**
MW-3	04/25/2001	NA	NA	NA	NA	NA	NA	NA	22.30	7.16	15.14	NA
MW-3	05/03/2001	<100	<0.50	<0.50	<0.50	<0.50	NA	<5.0	22.30	7.28	15.02	NA
MW-3	**07/09/2001**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**NA**	**<5.0**	**22.30**	**8.45**	**13.85**	**NA**

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Wic #204-5508-1701

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)	SPH Thickness (ft.)
MW-4	04/25/2001	NA	NA	NA	NA	NA	NA	NA	22.51	7.05	15.46	NA
MW-4	05/03/2001	8000	3500	24	37	350	NA	<200	22.51	6.66	15.85	NA
MW-4	**07/09/2001**	**16000**	**4100**	**32**	**890**	**790**	**NA**	**<200**	**22.51**	**8.28**	**14.23**	**NA**
MW-5	04/25/2001	NA	NA	NA	NA	NA	NA	NA	23.54	7.36	16.18	NA
MW-5	05/03/2001	160000	12000	20000	3600	23000	NA	<500	23.54	7.77	15.77	NA
MW-5	**07/09/2001**	**130000**	**11000**	**19000**	**4500**	**22000**	**NA**	**<500**	**23.54**	**9.32**	**14.22**	**NA**
B-10 *	07/17/1996	20000	400	<100	<100	870	<500	NA	NA	NA	NA	NA
B-13*	07/17/1996	290000	34000	21000	9900	47000	<2500	NA	NA	NA	NA	NA
V-1	08/02/1996	NA	NA	NA	NA	NA	NA	NA	23.26	NA	NA	NA
V-1	08/05/1996	NA	NA	NA	NA	NA	NA	NA	23.26	8.58	14.68	NA
V-1	10/17/1996	NA	NA	NA	NA	NA	NA	NA	23.26	10.02	13.24	NA
V-1	01/16/1997	9500	1200	250	280	880	<50	NA	23.26	5.55	17.71	NA
V-1	04/07/1997	2200	42	<5.0	130	15	<25	NA	23.26	7.40	15.86	NA
V-1	07/02/1997	2600	340	5.8	49	12	74	<4.0	23.26	8.94	14.32	NA
V-1	10/24/1997	57000	5200	2300	3600	16000	1900	<200	23.26	9.43	13.83	NA
V-1	01/09/1998	23000	2400	1700	1300	2300	310	NA	23.26	6.81	16.45	NA
V-1 (D)	01/09/1998	24000	2500	1800	1400	2400	450	NA	23.26	NA	NA	NA
V-1	04/02/1998	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	23.26	4.58	18.68	NA
V-1 (D)	04/02/1998	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	23.26	NA	NA	NA
V-1	07/14/1998	160	1.9	<0.50	4.2	<0.50	6.1	NA	23.26	7.51	15.75	NA
V-1	10/01/1998	440	18	<0.50	11	0.80	7.9	NA	23.26	8.49	14.77	NA
V-1	01/18/1999	697	55.7	0.839	28.2	<0.500	9.35	NA	23.26	8.59	14.67	NA
V-1	04/29/1999	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	23.26	8.69	14.57	NA

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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)	SPH Thickness (ft.)
V-1	08/23/1999	457	33.4	3.59	16.3	<0.500	13.9	NA	23.26	8.99	14.27	NA
V-1	10/06/1999	714	53.7	0.740	8.69	<0.500	9.83	NA	23.26	9.55	13.71	NA
V-1	01/27/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	23.26	7.19	16.07	NA
V-1	04/18/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	23.26	7.67	15.59	NA
V-1	07/19/2000	255	21.7	<0.500	10.2	<0.500	7.33	<1.00a	23.26	7.53	15.73	NA
V-1	10/24/2000	200	4.05	0.566	<0.500	<0.500	7.82	NA	23.26	7.38	15.88	NA
V-1	01/04/2001	128	1.77	<0.500	<0.500	<0.500	6.40	<10.0b	23.26	8.41	14.85	NA
V-1	05/03/2001	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	23.26	7.20	16.06	NA
V-1	**07/09/2001**	**110**	**4.4**	**<0.50**	**0.88**	**1.7**	**NA**	**<5.0**	**23.26**	**9.22**	**14.04**	**NA**
V-2	08/02/1996	NA	NA	NA	NA	NA	NA	NA	22.80	NA	NA	NA
V-2	08/05/1996	NA	NA	NA	NA	NA	NA	NA	22.80	7.94	14.86	NA
V-2	10/17/1996	NA	NA	NA	NA	NA	NA	NA	22.80	9.30	13.50	NA
V-2	01/08/1997	69000	4800	2800	2700	13000	750	NA	22.80	5.82	16.98	NA
V-2	04/07/1997	90000	4400	1900	3300	14000	<500	NA	22.80	7.10	15.70	NA
V-2 (D)	04/07/1997	77000	4400	2000	3200	14000	<250	NA	22.80	NA	NA	NA
V-2	07/02/1997	82000	5500	2700	3500	16000	530	<100	22.80	8.35	14.45	NA
V-2 (D)	07/02/1997	85000	5600	2800	3600	17000	520	<100	22.80	NA	NA	NA
V-2	10/24/1997	7300	1100	97	230	180	91	<12	22.80	10.03	12.77	NA
V-2 (D)	10/24/1997	12000	1700	340	650	630	120	<20	22.80	NA	NA	NA
V-2	01/09/1998	40000	4100	1500	2500	9000	280	NA	22.80	6.94	15.86	NA
V-2	04/02/1998	62000	6800	2400	3400	14000	<250	NA	22.80	5.35	17.45	NA
V-2	07/14/1998	43000	4700	1100	2500	6600	<250	NA	22.80	6.48	16.32	NA
V-2 (D)	07/14/1998	48000	5100	1300	2600	8100	<250	NA	22.80	NA	NA	NA
V-2	10/01/1998	53000	5200	1800	3200	10000	83	NA	22.80	8.41	14.39	NA
V-2 (D)	10/01/1998	55000	5300	1900	3300	11000	65	NA	22.80	NA	NA	NA
V-2	01/18/1999	47100	5800	1960	3450	10200	<100	NA	22.80	8.29	14.51	NA

WELL CONCENTRATIONS
Former Shell Service Station
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Wic #204-5508-1701

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)	SPH Thickness (ft.)
V-2	04/29/1999	65000	6100	2800	3200	12000	540	NA	22.80	8.19	14.61	NA
V-2	08/23/1999	59600	6240	2190	3900	14700	390	NA	22.80	8.44	14.36	NA
V-2	10/06/1999	63800	4820	1860	2840	11100	<1000	NA	22.80	8.96	13.84	NA
V-2	01/27/2000	59600	10200	2840	3450	12100	<500	NA	22.80	7.57	15.23	NA
V-2	04/18/2000	45000	6050	2700	3340	12200	<250	NA	22.80	8.14	14.66	NA
V-2	07/19/2000	31800	4440	1270	2390	6820	<500	NA	22.80	8.21	14.59	NA
V-2	10/24/2000	40100	4810	1730	2960	8650	734	<10.0	22.80	8.53	14.27	NA
V-2	01/04/2001	37500	4510	1390	2710	6880	375	NA	22.80	8.03	14.77	NA
V-2	05/03/2001	51000	4000	1900	2800	8200	NA	<200	22.80	6.63	16.17	NA
V-2	**07/09/2001**	**9600**	**710**	**190**	**180**	**1400**	**NA**	**<25**	**22.80**	**8.75**	**14.05**	**NA**

Abbreviations:

TPPH = Total petroleum hydrocarbons as gasoline by modified EPA Method 8260B; prior to May 3, 2001 analyzed by EPA Method 8015.

BTEX = benzene, toluene, ethylbenzene, xylenes by EPA Method 8260B; prior to May 3, 2001, analyzed by EPA Method 8020.

MTBE = methyl-tertiary-butyl ether

TOC = Top of Casing Elevation

SPH = Separate-Phase Hydrocarbons

GW = Groundwater

ug/L = parts per billion

msl = Mean sea level

ft = Feet

<n = Below detection limit

D = Duplicate sample

NA = Not applicable

WELL CONCENTRATIONS
Former Shell Service Station
2703 Martin Luther King Way
Oakland, CA
Wic #204-5508-1701

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)	SPH Thickness (ft.)

Notes:

* = Water sample from Boring

a = This sample analyzed outside of EPA recommended holding time.

b = Due to error of Sequoia Analytical laboratories, well V-1 confirmed for MTBE by EPA Method 8260 instead of V-2.

Site surveyed June 14, 2001 by Virgil Chavez Land Surveying of Vallejo, California.

KIFF ANALYTICAL LLC

Report Number : 21198
Date : 7/20/2001

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

Subject : 7 Water Samples
Project Name : 2703 Martin Luther King Jr. Way, Oakland
Project Number : 010709-L3
P.O. Number : 97093397

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 : 21198
Date : 7/20/2001

Project Name : **2703 Martin Luther King Jr. Way, Oakland**
Project Number : **010709-L3**

Sample : **MW-1-** Matrix : Water Lab Number : 21198-01
Sample Date :7/9/2001

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	7/15/2001
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	7/15/2001
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	7/15/2001
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	7/15/2001
Methyl-t-butyl ether (MTBE)	**< 5.0**	5.0	ug/L	EPA 8260B	7/15/2001
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	7/15/2001
Toluene - d8 (Surr)	100		% Recovery	EPA 8260B	7/15/2001
4-Bromofluorobenzene (Surr)	98.6		% Recovery	EPA 8260B	7/15/2001

Sample : **MW-2-** Matrix : Water Lab Number : 21198-02
Sample Date :7/9/2001

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	7/16/2001
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	7/16/2001
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	7/16/2001
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	7/16/2001
Methyl-t-butyl ether (MTBE)	**< 5.0**	5.0	ug/L	EPA 8260B	7/16/2001
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	7/16/2001
Toluene - d8 (Surr)	101		% Recovery	EPA 8260B	7/16/2001
4-Bromofluorobenzene (Surr)	102		% Recovery	EPA 8260B	7/16/2001

Approved By: Joel Kiff

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

KIFF ANALYTICAL LLC

Report Number : 21198

Date : 7/20/2001

Project Name : **2703 Martin Luther King Jr. Way, Oakland**

Project Number : **010709-L3**

Sample : **MW-3-** Matrix : Water Lab Number : 21198-03

Sample Date :7/9/2001

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	7/16/2001
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	7/16/2001
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	7/17/2001
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	7/17/2001
Methyl-t-butyl ether (MTBE)	**< 5.0**	5.0	ug/L	EPA 8260B	7/16/2001
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	7/16/2001
Toluene - d8 (Surr)	99.1		% Recovery	EPA 8260B	7/16/2001
4-Bromofluorobenzene (Surr)	101		% Recovery	EPA 8260B	7/16/2001

Sample : **MW-4-** Matrix : Water Lab Number : 21198-04

Sample Date :7/9/2001

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**4100**	20	ug/L	EPA 8260B	7/17/2001
Toluene	**32**	20	ug/L	EPA 8260B	7/17/2001
Ethylbenzene	**890**	20	ug/L	EPA 8260B	7/17/2001
Total Xylenes	**790**	20	ug/L	EPA 8260B	7/17/2001
Methyl-t-butyl ether (MTBE)	**< 200**	200	ug/L	EPA 8260B	7/17/2001
TPH as Gasoline	**16000**	2000	ug/L	EPA 8260B	7/17/2001
Toluene - d8 (Surr)	101		% Recovery	EPA 8260B	7/17/2001
4-Bromofluorobenzene (Surr)	106		% Recovery	EPA 8260B	7/17/2001

Approved By: Joel Kiff

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

KIFF ANALYTICAL LLC

Report Number : 21198
Date : 7/20/2001

Project Name : **2703 Martin Luther King Jr. Way, Oakland**
Project Number : **010709-L3**

Sample : **MW-5-** Matrix : Water Lab Number : 21198-05
Sample Date :7/9/2001

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**11000**	50	ug/L	EPA 8260B	7/16/2001
Toluene	**19000**	50	ug/L	EPA 8260B	7/16/2001
Ethylbenzene	**4500**	50	ug/L	EPA 8260B	7/16/2001
Total Xylenes	**22000**	50	ug/L	EPA 8260B	7/16/2001
Methyl-t-butyl ether (MTBE)	**< 500**	500	ug/L	EPA 8260B	7/16/2001
TPH as Gasoline	**130000**	5000	ug/L	EPA 8260B	7/16/2001
Toluene - d8 (Surr)	100		% Recovery	EPA 8260B	7/16/2001
4-Bromofluorobenzene (Surr)	102		% Recovery	EPA 8260B	7/16/2001

Sample : **V-1-** Matrix : Water Lab Number : 21198-06
Sample Date :7/9/2001

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**4.4**	0.50	ug/L	EPA 8260B	7/18/2001
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	7/18/2001
Ethylbenzene	**0.88**	0.50	ug/L	EPA 8260B	7/18/2001
Total Xylenes	**1.7**	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	**110**	50	ug/L	EPA 8260B	7/18/2001
Toluene - d8 (Surr)	102		% Recovery	EPA 8260B	7/18/2001
4-Bromofluorobenzene (Surr)	104		% Recovery	EPA 8260B	7/18/2001

Approved By: Joel Kiff

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

KIFF ANALYTICAL LLC

Report Number : 21198
Date : 7/20/2001

Project Name : **2703 Martin Luther King Jr. Way, Oakland**
Project Number : **010709-L3**

Sample : **V-2-** Matrix : Water Lab Number : 21198-07
Sample Date :7/9/2001

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**710**	2.5	ug/L	EPA 8260B	7/17/2001
Toluene	**190**	2.5	ug/L	EPA 8260B	7/17/2001
Ethylbenzene	**180**	2.5	ug/L	EPA 8260B	7/17/2001
Total Xylenes	**1400**	2.5	ug/L	EPA 8260B	7/17/2001
Methyl-t-butyl ether (MTBE)	**< 25**	25	ug/L	EPA 8260B	7/17/2001
TPH as Gasoline	**9600**	250	ug/L	EPA 8260B	7/17/2001
Toluene - d8 (Surr)	100		% Recovery	EPA 8260B	7/17/2001
4-Bromofluorobenzene (Surr)	97.9		% Recovery	EPA 8260B	7/17/2001

Approved By: Joel Kiff

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

Report Number : 21198

Date : 7/20/2001

Project Name : **2703 Martin Luther King**

Project Number : **010709-L3**

21198 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	7/15/2001
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	7/15/2001
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	7/15/2001
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	7/15/2001
Methyl-t-butyl ether (MTBE)	**< 5.0**	5.0	ug/L	EPA 8260B	7/15/2001
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	7/15/2001
Toluene - d8 (Surr)	102		% Recovery	EPA 8260B	7/15/2001
4-Bromofluorobenzene (Surr)	105		% Recovery	EPA 8260B	7/15/2001

Approved By: Joel Kiff

Report Number : 21198

Date : 7/20/2001

QC Report : Matrix Spike/ Matrix Spike Duplicate

Project Name : **2703 Martin Luther King**

Project Number : **010709-L3**

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	21206-04	<0.50	19.7	19.7	19.0	19.0	ug/L	EPA 8260B	7/15/2001	96.6	96.6	0.0259	70-130	25
Toluene	21206-04	<0.50	19.7	19.7	19.8	19.6	ug/L	EPA 8260B	7/15/2001	100	99.4	1.05	70-130	25
Tert-Butanol	21206-04	<5.0	98.5	98.6	106	107	ug/L	EPA 8260B	7/15/2001	107	108	0.958	70-130	25
Methyl-t-Butyl Ether	21206-04	10	19.7	19.7	24.4	24.1	ug/L	EPA 8260B	7/15/2001	73.1	71.4	2.35	70-130	25

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

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

LAB: Kiff

Lab identification (if necessary):

Address:

City, State, Zip:

EQUIVA Services LLC Chain Of Custody Record 21198

Equiva Project Manager to be invoiced:

☑ SCIENCE & ENGINEERING
☐ TECHNICAL SERVICES
☐ CRMT HOUSTON

Karen Petryna

INCIDENT NUMBER (S&E ONLY): 97093337

SAP or CRMT NUMBER (TS/CRMT):

DATE: 7-9-01

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): 2703 Martin Luther King Jr. Way, Oakland

PROJECT CONTACT (Report to): Nick Sudano

CONSULTANT PROJECT NO.: BTS # 010709-C3

SAMPLER NAME(S) (Print): Hank Castro

LAB USE ONLY:

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 _____ 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	BTEX	MTBE (8021B - 5ppb RL)	MTBE (8260B - 0.5 ppb RL)	Oxygenates (5) by (8260)	Ethanol (8260B)	Methanol	1,2-DCA	EDB (8260B)	TPH-Diesel, Extractable (8015m)	MTBE (8260B) Confirmation, See note	FIELD NOTES: Container/Preservative or PID Readings or Laboratory Notes
	MW-1 -	7/9	1449	W	3	X	X	X									-01
	MW-2 -		1425			X	X	X									-02
	MW-3 -		1437			X	X	X									-03
	MW-4 -		1517			X	X	X									-04
	MW-5 -		1502			X	X	X									-05
	V-1 -		1540			X	X	X									-06
	V-2 -		1525			X	X	X									-07

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Hank Castro			
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature) John Cuttle/Kiff Analytical	Date: 071001	Time: 1204

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

10/16/00 Revision

Q&Q Graphic (714) 998-9702

Report Number : 21198

Date : 7/20/2001

QC Report : Laboratory Control Sample (LCS)

Project Name : **2703 Martin Luther King**

Project Number : **010709-L3**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
Benzene	20.0	ug/L	EPA 8260B	7/15/2001	97.9	70-130
Toluene	20.0	ug/L	EPA 8260B	7/15/2001	101	70-130
Tert-Butanol	100	ug/L	EPA 8260B	7/15/2001	103	70-130
Methyl-t-Butyl Ether	20.0	ug/L	EPA 8260B	7/15/2001	88.7	70-130

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

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

WELL GAUGING DATA

Project # 010709-C3 Date 7-9-01 Client Equiva

Site 2703 Martin Luther King - Oakland

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	2					8.60	20.02		
MW-2	2					8.55	19.04		
MW-3	4					8.45	20.00		
MW-4	4					8.28	19.90		
MW-5	4					9.32	19.97		
V-1	2	ORG's				9.22	12.10		
V-2	2	ORG's				8.75	12.60		

EQUIVA WELL MONITORING DATA SHEET

BTS #: 010709-C-3	Site: 2703 Martin Luther King Jr. Wy
Sampler: Hauk	Date: 7-09-01
Well I.D.: MW-1	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth: 20.02	Depth to Water: 8.60
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
- X Disposable Bailer
- Extraction Port
- Dedicated Tubing
- Other: ____

____ (Gals.) X 3 No Purge 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
1449	72.5	7.5	1497	36	0	Odor

Did well dewater? Yes (No) Gallons actually evacuated: 0

Sampling Time: 1449 Sampling Date: 7-9-01

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 #: 010709-CA3	Site: 2703 Martin Luther King Jr. Wy
Sampler: Hart	Date: 7-09-01
Well I.D.: MW-2	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 19.04	Depth to Water: 8.55
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
- X Disposable Bailer
- Extraction Port
- Dedicated Tubing
- Other: ____

____ (Gals.) X 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
1422	74.2	6.5	1105	7200	0	

Did well dewater? Yes (No) Gallons actually evacuated: 0

Sampling Time: 1425 Sampling Date: 7-9-01

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):	Pre-purge:	mV	Post-purge:	mV

EQUIVA WELL MONITORING DATA SHEET

BTS #: 010709-C&3	Site: 2703 Martin Luther King Jr. Wy
Sampler: Hanta	Date: 7-09-01
Well I.D.: MW-&3	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: 20.00	Depth to Water: 8.45
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
- X Disposable Bailer
- Extraction Port
- Dedicated Tubing
- Other: _____

_____(Gals.) X &3 No Purge 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
1437	72.2	7.2	1468	30	0	

Did well dewater? Yes (No) Gallons actually evacuated: 0

Sampling Time: 1437 Sampling Date: 7-9-01

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

EQUIVA WELL MONITORING DATA SHEET

BTS #: 010709-C&3	Site: 2703 Martin Luther King Jr. Wy
Sampler: Hart	Date: 7-09-01
Well I.D.: MW-4	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: 19.90	Depth to Water: 8.28
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

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

_____ (Gals.) X 3 NO Purge 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
1517	69.7	7.1	2021	58	0	

Did well dewater? Yes (No) Gallons actually evacuated: 0

Sampling Time: 1517 Sampling Date: 7-9-01

Sample I.D.: MW-4 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 #: 010709-C&3	Site: 2703 Martin Luther King Jr. Wy
Sampler: Hart	Date: 7-09-01
Well I.D.: MW-5	Well Diameter: ~~2~~ 3 (4) 6 8 ___
Total Well Depth: 19.97	Depth to Water: 9.32
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

- X 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	radius^2 * 0.163

_____ (Gals.) X ~~3~~ No Purge Gals.
1 Case Volume Specified Volumes Calculated Volume

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
~~1502~~	68.7	7.0	1718	28	0	odor

Did well dewater? Yes (No) Gallons actually evacuated: 0

Sampling Time: 1502 Sampling Date: 7-9-01

Sample I.D.: MW-5 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 #: 010709-C~~9~~3	Site: 2703 Martin Luther King Jr. Wy
Sampler: Hauk	Date: 7-09-01
Well I.D.: ~~MW~~ V-1	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth: 12.10	Depth to Water: 9.22
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 / X 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	radius^2 * 0.163

_____(Gals.) X ~~3~~ No Purge Gals.
1 Case Volume Specified Volumes Calculated Volume

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
1540	730	7.4	1845	>200	0	

Did well dewater? Yes (No) Gallons actually evacuated: 0

Sampling Time: 1540 Sampling Date: 7-9-01

Sample I.D.: V-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 #: 010709-CB3	Site: 2703 Martin Luther King Jr. Wy
Sampler: Hart	Date: 7-09-01
Well I.D.: V-2	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth: 12.60	Depth to Water: 8.75
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
- X 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	radius^2 * 0.163

_____(Gals.) X 2 No Purge Gals.
1 Case Volume Specified Volumes Calculated Volume

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
1525	74.0	9.2	1492	121	0	

Did well dewater? Yes (No) Gallons actually evacuated: 0

Sampling Time: 1525 Sampling Date: 7-9-01

Sample I.D.: V-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):	Pre-purge:	mV	Post-purge:	mV