CAMBRIA

November 2, 2000

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

Re: **Third Quarter 2000 Monitoring Report**
Former Shell Service Station
2703 Martin Luther King Jr. Way
Oakland, California
Incident #97093397
Cambria Project #242-0781-002

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 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.

ANTICIPATED FOURTH QUARTER 2000 ACTIVITIES

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

Subsurface Investigation: In response Alameda County Health Care Services Agency (ACHCSA) correspondence dated September 23, 1999 and subsequent correspondences, Cambria submitted a subsurface investigation work plan on December 10, 1999 and addenda on January 27, 2000 and April 14, 2000. In correspondence dated August 24, 2000, the ACHCSA approved the final proposed scope of work. Cambria has scheduled the subsurface investigation for November 21-22, 2000. Proposed soil boring and well locations are shown on Figure 1.

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

CLOSING

We appreciate the opportunity to work with you on this project. Please call Troy Buggle at (510) 420-3333 if you have any questions or comments.

Sincerely,
Cambria Environmental Technology, Inc

Troy A. Buggle
Project Scientist

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
Matthew Dudley, Burnham and Brown, 1901 Harrison Street, Oakland, California 94612
Rodney & Janet Kwan, 1834 Alameda Ave., Alameda, CA 94501

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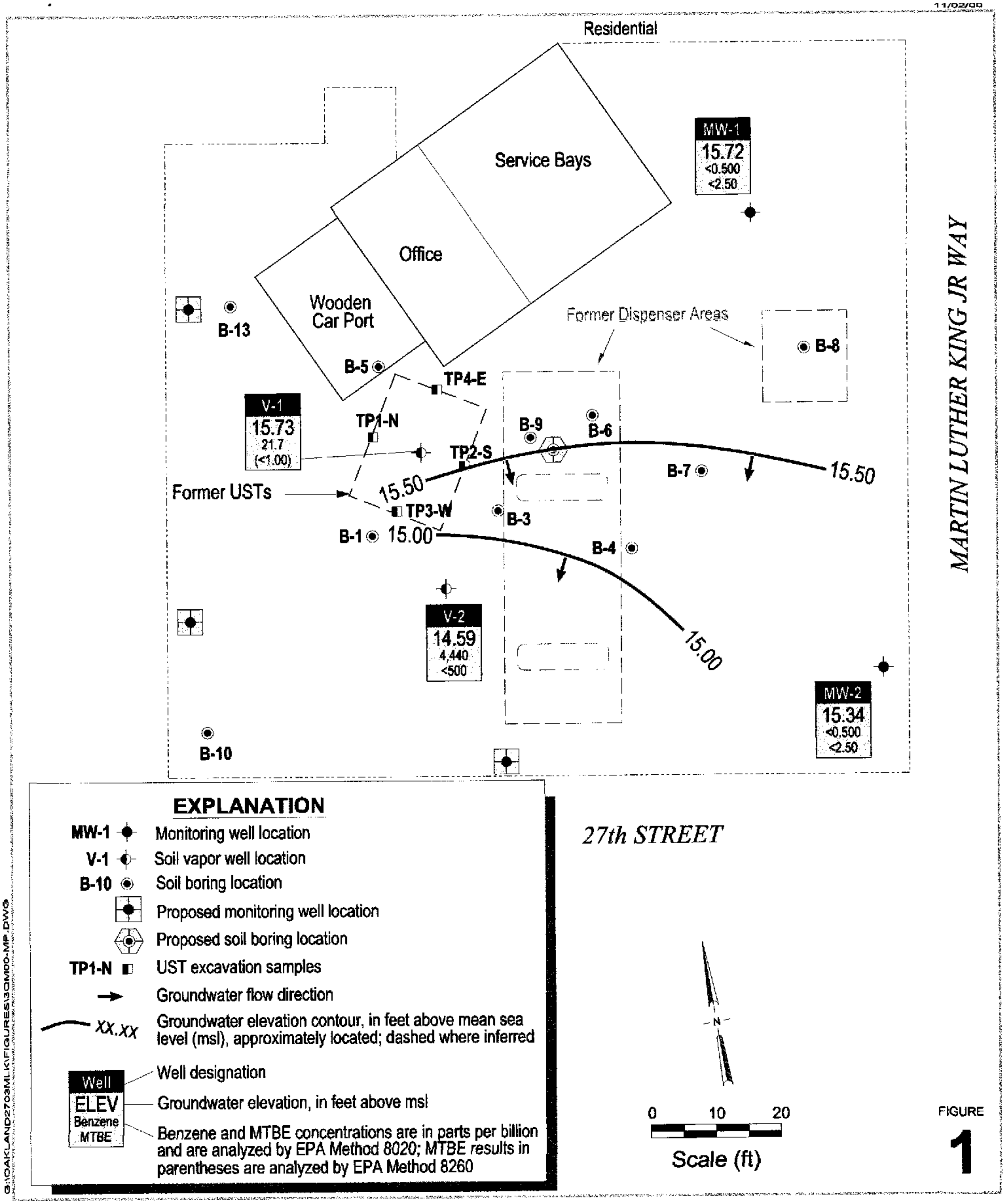

FIGURE
1

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

CAMBRIA

Groundwater Elevation Contour Map

July 19, 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

August 16, 2000

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

Third Quarter 2000 Groundwater Monitoring at
Former Shell Service Station
2703 Martin Luther King Jr. Way
Oakland, CA

Monitoring performed on July 19, 2000

Groundwater Monitoring Report **000719-F-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. 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,

for

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, 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)	8/2/96	NA	NA	NA	NA	NA	NA	NA	23.53	NA	NA	NA
MW-1 (B-11)	8/5/96	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	23.53	8.76	14.77	NA
MW-1 (B-11) (D)	8/5/96	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	23.53	NA	NA	NA
MW-1 (B-11)	10/17/96	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	23.53	9.88	13.65	NA
MW-1 (B-11)	1/8/97	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	23.53	6.82	16.71	NA
MW-1 (B-11)	4/7/97	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	23.53	7.89	15.64	NA
MW-1 (B-11)	7/2/97	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	23.53	8.71	14.82	NA
MW-1 (B-11)	10/24/97	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	23.53	9.26	14.27	NA
MW-1 (B-11)	1/9/98	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	23.53	7.94	15.59	NA
MW-1 (B-11)	4/2/98	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	23.53	7.21	16.32	NA
MW-1 (B-11)	7/14/98	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	23.53	7.78	15.75	NA
MW-1 (B-11)	10/1/98	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	23.53	8.39	15.14	NA
MW-1 (B-11)	1/18/99	<50.0	<0.500	0.785	<0.500	<0.500	2.36	NA	23.53	8.28	15.25	NA
MW-1 (B-11)	4/29/99	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	23.53	8.41	15.12	NA
MW-1 (B-11)	8/23/99	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	23.53	8.17	15.36	NA
MW-1 (B-11)	10/6/99	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	NA	23.53	9.37	14.16	NA
MW-1 (B-11)	1/27/00	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	23.53	7.52	16.01	NA
MW-1 (B-11)	4/18/00	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	23.53	7.66	15.87	NA
MW-1 (B-11)	**7/19/00**	***<50.0***	***<0.500***	**<0.500**	**<0.500**	**<0.500**	**<2.50**	**NA**	**23.53**	**7.81**	**15.72**	**NA**
MW-2 (B-12)*	7/17/96	<50	<0.50	0.69	<0.50	<0.50	<2.5	NA	22.47	NA	NA	NA
MW-2 (B-12)*	8/5/96	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	22.47	8.35	14.12	NA
MW-2 (B-12)*	10/17/96	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	22.47	9.32	13.15	NA
MW-2 (B-12) (D)*	10/17/96	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	22.47	NA	NA	NA

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-2 (B-12)*	1/8/97	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	22.47	6.80	15.67	NA
MW-2 (B-12) (D)*	1/8/97	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	22.47	NA	NA	NA
MW-2 (B-12)*	4/7/97	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	22.47	7.81	14.66	NA
MW-2 (B-12)*	7/2/97	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	22.47	8.27	14.20	NA
MW-2 (B-12)*	10/24/97	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	22.47	9.12	13.35	NA
MW-2 (B-12)*	1/9/98	<50	<0.50	<0.50	<0.50	<0.50	6.3	NA	22.47	7.41	15.06	NA
MW-2 (B-12)*	4/2/98	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	22.47	6.59	15.88	NA
MW-2 (B-12)*	7/14/98	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	22.47	7.49	14.98	NA
MW-2 (B-12)*	10/1/98	<50	<0.50	<0.50	<0.50	0.59	<2.5	NA	22.47	8.58	13.89	NA
MW-2 (B-12)*	1/18/99	<50.0	<0.500	0.971	<0.500	<0.500	2.47	NA	22.47	8.68	13.79	NA
MW-2 (B-12)*	4/29/99	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	22.47	8.62	13.85	NA
MW-2 (B-12)*	8/23/99	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	22.47	7.43	15.04	NA
MW-2 (B-12)*	10/6/99	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	NA	22.47	9.00	13.47	NA
MW-2 (B-12)*	1/27/00	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	22.47	8.15	14.32	NA
MW-2 (B-12)*	4/18/00	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	22.47	7.04	15.43	NA
MW-2 (B-12)*	**7/19/00**	**<50.0**	**<0.500**	**<0.500**	**<0.500**	**<0.500**	**<2.50**	**NA**	**22.47**	**7.13**	**15.34**	**NA**
B-10 *	7/17/96	20000	400	<100	<100	870	<500	NA	NA	NA	NA	NA
B-13*	7/17/96	290000	34000	21000	9900	47000	<2500	NA	NA	NA	NA	NA
V-1	8/2/96	NA	NA	NA	NA	NA	NA	NA	23.26	NA	NA	NA
V-1	8/5/96	NA	NA	NA	NA	NA	NA	NA	23.26	8.58	14.68	NA
V-1	10/17/96	NA	NA	NA	NA	NA	NA	NA	23.26	10.02	13.24	NA
V-1	1/16/97	9500	1200	250	280	880	<50	NA	23.26	5.55	17.71	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	4/7/97	2200	42	<5.0	130	15	<25	NA	23.26	7.40	15.86	NA
V-1	7/2/97	2600	340	5.8	49	12	74	<4.0	23.26	8.94	14.32	NA
V-1	10/24/97	57000	5200	2300	3600	16000	1900	<200	23.26	9.43	13.83	NA
V-1	1/9/98	23000	2400	1700	1300	2300	310	NA	23.26	6.81	16.45	NA
V-1 (D)	1/9/98	24000	2500	1800	1400	2400	450	NA	23.26	NA	NA	NA
V-1	4/2/98	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	23.26	4.58	18.68	NA
V-1 (D)	4/2/98	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	23.26	NA	NA	NA
V-1	7/14/98	160	1.9	<0.50	4.2	<0.50	6.1	NA	23.26	7.51	15.75	NA
V-1	10/1/98	440	18	<0.50	11	0.80	7.9	NA	23.26	8.49	14.77	NA
V-1	1/18/99	697	55.7	0.839	28.2	<0.500	9.35	NA	23.26	8.59	14.67	NA
V-1	4/29/99	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	23.26	8.69	14.57	NA
V-1	8/23/99	457	33.4	3.59	16.3	<0.500	13.9	NA	23.26	8.99	14.27	NA
V-1	10/6/99	714	53.7	0.740	8.69	<0.500	9.83	NA	23.26	9.55	13.71	NA
V-1	1/27/00	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	23.26	7.19	16.07	NA
V-1	4/18/00	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	23.26	7.67	15.59	NA
V-1	**7/19/00**	**255**	**21.7**	**<0.500**	**10.2**	**<0.500**	**7.33**	**<1.00a**	**23.26**	**7.53**	**15.73**	**NA**
V-2	8/2/96	NA	NA	NA	NA	NA	NA	NA	22.80	NA	NA	NA
V-2	8/5/96	NA	NA	NA	NA	NA	NA	NA	22.80	7.94	14.86	NA
V-2	10/17/96	NA	NA	NA	NA	NA	NA	NA	22.80	9.30	13.50	NA
V-2	1/8/97	69000	4800	2800	2700	13000	750	NA	22.80	5.82	16.98	NA
V-2	4/7/97	90000	4400	1900	3300	14000	<500	NA	22.80	7.10	15.70	NA
V-2 (D)	4/7/97	77000	4400	2000	3200	14000	<250	NA	22.80	NA	NA	NA
V-2	7/2/97	82000	5500	2700	3500	16000	530	<100	22.80	8.35	14.45	NA
V-2 (D)	7/2/97	85000	5600	2800	3600	17000	520	<100	22.80	NA	NA	NA

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.)
V-2	10/24/97	7300	1100	97	230	180	91	<12	22.80	10.03	12.77	NA
V-2 (D)	10/24/97	12000	1700	340	650	630	120	<20	22.80	NA	NA	NA
V-2	1/9/98	40000	4100	1500	2500	9000	280	NA	22.80	6.94	15.86	NA
V-2	4/2/98	62000	6800	2400	3400	14000	<250	NA	22.80	5.35	17.45	NA
V-2	7/14/98	43000	4700	1100	2500	6600	<250	NA	22.80	6.48	16.32	NA
V-2 (D)	7/14/98	48000	5100	1300	2600	8100	<250	NA	22.80	NA	NA	NA
V-2	10/1/98	53000	5200	1800	3200	10000	83	NA	22.80	8.41	14.39	NA
V-2 (D)	10/1/98	55000	5300	1900	3300	11000	65	NA	22.80	NA	NA	NA
V-2	1/18/99	47100	5800	1960	3450	10200	<100	NA	22.80	8.29	14.51	NA
V-2	4/29/99	65000	6100	2800	3200	12000	540	NA	22.80	8.19	14.61	NA
V-2	8/23/99	59600	6240	2190	3900	14700	390	NA	22.80	8.44	14.36	NA
V-2	10/6/99	63800	4820	1860	2840	11100	<1000	NA	22.80	8.96	13.84	NA
V-2	1/27/00	59600	10200	2840	3450	12100	<500	NA	22.80	7.57	15.23	NA
V-2	4/18/00	45000	6050	2700	3340	12200	<250	NA	22.80	8.14	14.66	NA
V-2	**7/19/00**	**31800**	**4440**	**1270**	**2390**	**6820**	**<500**	**NA**	**22.80**	**8.21**	**14.59**	**NA**

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.)

Abbreviations:

TPPH = Total petroleum hydrocarbons as gasoline by modified EPA Method 8015

BTEX = benzene, toluene, ethylbenzene, xylenes 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

Notes:

* = Water sample from Boring

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

Sequoia
Analytical

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

10 August, 2000

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

RE: 2703 Martin Luther King, Jr. Way
Sequoia Report: MJG0572

Enclosed are the results of analyses for samples received by the laboratory on 07/20/00 14:22. 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

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

Blaine Tech Services (Shell)	Project: 2703 Martin Luther King, Jr. Way	
1680 Rogers Avenue	Project Number: 2703 Martin Luther King, Jr. Way/	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	08/10/00 10:25

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-1	MJG0572-01	Water	07/19/00 13:50	07/20/00 14:22
MW-2	MJG0572-02	Water	07/19/00 14:00	07/20/00 14:22
V-1	MJG0572-03	Water	07/19/00 14:12	07/20/00 14:22
V-2	MJG0572-04	Water	07/19/00 14:20	07/20/00 14:22

Ted Terrasas, Project Manager

Sequoia Analytical

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

Blaine Tech Services (Shell)	Project: 2703 Martin Luther King, Jr. Way	
1680 Rogers Avenue	Project Number: 2703 Martin Luther King, Jr. Way/	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	08/10/00 10:25

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 (MJG0572-01) Water Sampled: 07/19/00 13:50 Received: 07/20/00 14:22									
Purgeable Hydrocarbons	ND	50.0	ug/l	1	0G31003	07/31/00	07/31/00	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		*83.5 %*	*70-130*		"	"	"	"	
MW-2 (MJG0572-02) Water Sampled: 07/19/00 14:00 Received: 07/20/00 14:22									
Purgeable Hydrocarbons	ND	50.0	ug/l	1	0G31003	07/31/00	07/31/00	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		*79.1 %*	*70-130*		"	"	"	"	
V-1 (MJG0572-03) Water Sampled: 07/19/00 14:12 Received: 07/20/00 14:22									
Purgeable Hydrocarbons	**255**	50.0	ug/l	1	0H01003	08/01/00	08/01/00	DHS LUFT	P-01
Benzene	**21.7**	0.500	"	"	"	"	"	"	
Toluene	ND	0.500	"	"	"	"	"	"	
Ethylbenzene	**10.2**	0.500	"	"	"	"	"	"	
Xylenes (total)	ND	0.500	"	"	"	"	"	"	
Methyl tert-butyl ether	**7.33**	2.50	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*119 %*	*70-130*		"	"	"	"	

Sequoia Analytical

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

Blaine Tech Services (Shell)	Project: 2703 Martin Luther King, Jr. Way	
1680 Rogers Avenue	Project Number: 2703 Martin Luther King, Jr. Way/	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	08/10/00 10:25

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
V-2 (MJG0572-04) Water Sampled: 07/19/00 14:20 Received: 07/20/00 14:22									
Purgeable Hydrocarbons	**31800**	10000	ug/l	200	0H01003	08/01/00	08/01/00	DHS LUFT	P-01
Benzene	**4440**	100	"	"	"	"	"	"	
Toluene	**1270**	100	"	"	"	"	"	"	
Ethylbenzene	**2390**	100	"	"	"	"	"	"	
Xylenes (total)	**6820**	100	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	500	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*92.6 %*		*70-130*		"	"	"	

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1680 Rogers Avenue	Project Number: 2703 Martin Luther King, Jr. Way/	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	08/10/00 10:25

MTBE Confirmation by EPA Method 8260A

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
V-1 (MJG0572-03) Water Sampled: 07/19/00 14:12 Received: 07/20/00 14:22									
Methyl tert-butyl ether	ND	1.00	ug/l	1	0H08015	08/07/00	08/08/00	EPA 8260A	I-02
Surrogate: 1,2-Dichloroethane-d4		*127 %*		*70-130*	"	"	"	"	*I-02*

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1680 Rogers Avenue	Project Number: 2703 Martin Luther King, Jr. Way/	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	08/10/00 10:25

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 0G31003 - EPA 5030B [P/T]										
Blank (0G31003-BLK1)				Prepared & Analyzed: 07/31/00						
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	*10.6*		"	*10.0*		*106*	*70-130*			
LCS (0G31003-BS1)				Prepared & Analyzed: 07/31/00						
Purgeable Hydrocarbons	260	50.0	ug/l	250		104	70-130			
Surrogate: a,a,a-Trifluorotoluene	*13.4*		"	*10.0*		*134*	*70-130*			*S-02*
Matrix Spike (0G31003-MS1)		**Source: MJG0491-01**		Prepared & Analyzed: 07/31/00						
Purgeable Hydrocarbons	268	50.0	ug/l	250	ND	107	60-140			
Surrogate: a,a,a-Trifluorotoluene	*10.7*		"	*10.0*		*107*	*70-130*			
Matrix Spike Dup (0G31003-MSD1)		**Source: MJG0491-01**		Prepared & Analyzed: 07/31/00						
Purgeable Hydrocarbons	264	50.0	ug/l	250	ND	106	60-140	1.50	25	
Surrogate: a,a,a-Trifluorotoluene	*10.8*		"	*10.0*		*108*	*70-130*			
Batch 0H01003 - EPA 5030B [P/T]										
Blank (0H01003-BLK1)				Prepared & Analyzed: 08/01/00						
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	*9.54*		"	*10.0*		*95.4*	*70-130*			

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1680 Rogers Avenue	Project Number: 2703 Martin Luther King, Jr. Way/	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	08/10/00 10:25

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 0H01003 - EPA 5030B [P/T]										
LCS (0H01003-BS1)				Prepared & Analyzed: 08/01/00						
Purgeable Hydrocarbons	250	50.0	ug/l	250		100	70-130			
Surrogate: a,a,a-Trifluorotoluene	*10.2*		"	*10.0*		*102*	*70-130*			
Matrix Spike (0H01003-MS1)		**Source: MJG0515-01**		Prepared & Analyzed: 08/01/00						
Purgeable Hydrocarbons	234	50.0	ug/l	250	ND	93.6	60-140			
Surrogate: a,a,a-Trifluorotoluene	*9.45*		"	*10.0*		*94.5*	*70-130*			
Matrix Spike Dup (0H01003-MSD1)		**Source: MJG0515-01**		Prepared & Analyzed: 08/01/00						
Purgeable Hydrocarbons	250	50.0	ug/l	250	ND	100	60-140	6.61	25	
Surrogate: a,a,a-Trifluorotoluene	*10.4*		"	*10.0*		*104*	*70-130*			

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Blaine Tech Services (Shell)	Project: 2703 Martin Luther King, Jr. Way	
1680 Rogers Avenue	Project Number: 2703 Martin Luther King, Jr. Way/	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	08/10/00 10:25

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 0H08015 - EPA 5030B [P/T]										
Blank (0H08015-BLK1)				Prepared & Analyzed: 08/07/00						
Methyl tert-butyl ether	ND	1.00	ug/l							
Surrogate: 1,2-Dichloroethane-d4	*9.96*		"	*10.0*		*99.6*	*70-130*			
LCS (0H08015-BS1)				Prepared & Analyzed: 08/07/00						
Methyl tert-butyl ether	9.22	1.00	ug/l	10.0		92.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	*9.10*		"	*10.0*		*91.0*	*70-130*			
Matrix Spike (0H08015-MS1)		**Source: MJG0659-01**		Prepared & Analyzed: 08/07/00						
Methyl tert-butyl ether	359	10.0	ug/l	100	280	79.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	*9.91*		"	*10.0*		*99.1*	*70-130*			
Matrix Spike Dup (0H08015-MSD1)		**Source: MJG0659-01**		Prepared & Analyzed: 08/07/00						
Methyl tert-butyl ether	377	10.0	ug/l	100	280	97.0	70-130	4.89	25	
Surrogate: 1,2-Dichloroethane-d4	*10.2*		"	*10.0*		*102*	*70-130*			

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1680 Rogers Avenue	Project Number: 2703 Martin Luther King, Jr. Way/	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	08/10/00 10:25

Notes and Definitions

I-02	This sample was analyzed outside of the EPA recommended holding time.
P-01	Chromatogram Pattern: Gasoline C6-C12
S-02	The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

BLAINE
TECH SERVICES, INC.

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

CHAIN OF 000719 F3

CLIENT: Equiva - Karen Petryna

SITE: 2703 Martin Luther King JR Way
Oakland, CA

CONDUCT ANALYSIS TO DETECT

LAB: Sequoia | DHS #

ALL ANALYSIS MUST MEET SPECIFICATIONS AND DETECTION LIMITS SET BY CALIFORNIA DHS AND
☐ EPA ☐ RWQCB REGION ____
☐ LIA
☐ OTHER MJG0572

SPECIAL INSTRUCTIONS

Send invoice to Equiva

Incident # 97093397

Sent report to Blaine Tech Services, Inc.

ATTN: Ann Pember

SAMPLE I.D.	DATE	TIME	MATRIX S=SOIL W=H_2O	CONTAINERS TOTAL	40 mL HCl VOAS	C = COMPOSITE ALL CONTAINERS	TPH - gas, BTEX	MTBE by 8020	MTBE by 8260	TPH - diesel	Oxygenates by 8260	ADD'L INFORMATION	STATUS	CONDITION	LAB SAMPLE #
MW-1	7/19/00	1350	W	3	X		X	X							
MW-2	↓	1400	↓	↓	↓		↓	↓				* "Confirm Highest MTBE Hit by 8260"			
V-1		1412													
V-2		1420													

SAMPLING COMPLETED: DATE 7-19-00 TIME 1420
SAMPLING PERFORMED BY: MIKE STEWART

RESULTS NEEDED NO LATER THAN

RELEASED BY	DATE	TIME	RECEIVED BY	DATE	TIME
	7/20/00	9:40		7/20/00	9:40
	7/20/00		(MH)	7/20/00	14:22

SHIPPED VIA | DATE SENT | TIME SENT | COOLER #

WELL GAUGING DATA

Project # 000719 F3 Date 7-19-00 Client Equiva

Site 2703 Martin Luther King Jr. Wy, OAKLAND 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	2					7.81	20.00		
MW-2	2					7.13	19.38		
V-1	2					7.53	12.75		
V-2	2					8.21	12.94		

EQUIVA WELL MONITORING DATA SHEET

BTS #: 000719 F3	Site: 204-5508-1701
Sampler: MIKE S.	Date: 7-19-00
Well I.D.: MW-1	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 20.00	Depth to Water: 7.81
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: _____

_____(Gals.) X 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
1347	68.4	6.9	1511	15	0	clear

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

Sampling Time: 1350 Sampling Date: 7-19-00

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

EQUIVA WELL MONITORING DATA SHEET

BTS #: 000719 F3	Site: 204-5508-1701
Sampler: MIKE S.	Date: 7-19-00
Well I.D.: MW-2	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 19.32	Depth to Water: 7.13
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH

Purge Method:
Bailer | Waterra
Disposable Bailer | Peristaltic
Middleburg | Extraction Pump
Electric Submersible | Other_____

Sampling Method: ~~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	radius^2 * 0.163

—— (Gals.) X NO Purge = —— Gals.
1 Case Volume | Specified Volumes | Calculated Volume

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
1358	68.7	6.9	1227	20	0	clear

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

Sampling Time: 1400 Sampling Date: 7-19-00

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

EQUIVA WELL MONITORING DATA SHEET

BTS #: 000719 F3	Site: 204-5508-1701
Sampler: Mike S.	Date: 7-19-00
Well I.D.: V-1	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 12,75	Depth to Water: 7,55
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH

Purge Method:

Bailer | Waterra
Disposable Bailer | Peristaltic
Middleburg | Extraction Pump
Electric Submersible | Other_____

Sampling Method: ~~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	radius^2 * 0.163

—— (Gals.) X NO Purge = —— Gals.
1 Case Volume | Specified Volumes | Calculated Volume

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
1410	68.3	7.0	1818	39	0	ODOR

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

Sampling Time: 1412 Sampling Date: 7-19-00

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

EQUIVA WELL MONITORING DATA SHEET

BTS #: 000717 F3	Site: 204-5508-1701
Sampler: MILES.	Date: 7-19-00
Well I.D.: V-2	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth: 19.38	Depth to Water: 7.15
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH

Purge Method:

Bailer	Waterra	
Disposable Bailer	Peristaltic	
Middleburg	Extraction Pump	
Electric Submersible	Other_____	

Sampling Method: (Bailer)

Disposable Bailer	
Extraction Port	
Dedicated Tubing	
Other: _____	

_____ (Gals.) X 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
1418	68.9	7.2	1474	65	0	ODOR / cloudy

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

Sampling Time: 1420 Sampling Date: 7-19-00

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