STID 1107

CAMBRIA

January 11, 2001

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

Re: **Fourth Quarter 2000 Monitoring Report**
Shell-branded Service Station
29 Wildwood Avenue
Piedmont, California
Incident #98995822
Cambria Project# 242-0687-002

Dear Ms. Evans:

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.

FOURTH QUARTER 2000 ACTIVITIES

Groundwater Monitoring: Blaine Tech Services, Inc. (Blaine) of San Jose, California measured dissolved oxygen concentrations, gauged and sampled selected site wells, calculated groundwater elevations, and compiled the gasoline constituents analytical data. Cambria prepared a groundwater elevation contour map (Figure 1) and compiled the volatile organic compounds (VOC) data (Table 1). Blaine's report, presenting the laboratory report and supporting field documents, is included as Attachment A.

ANTICIPATED FUTURE 2001 ACTIVITIES

Groundwater Monitoring: The next sampling event is scheduled for the second quarter of 2001. At that time, Blaine will measure dissolved oxygen, gauge and sample all 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

Request to Terminate VOC Analysis: Two years of monitoring data have shown no VOC detections in onsite monitoring well samples. The relatively low offsite detections are apparently from an offsite source. Therefore, we request your concurrence with discontinuing analysis for these compounds. If you do not respond to this request, we will assume you concur and we will discontinue analyzing for these compounds.

CLOSING

We appreciate the opportunity to work with you on this project. Please call Stephan Bork at (510) 420-3344 if you have any questions or comments.

Sincerely,
Cambria Environmental Technology, Inc

Anni Kreml
Senior Staff 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

Table: 1 - Groundwater Analytical Data - Volatile Organic Compounds

Attachment: A - Blaine Groundwater Monitoring Report and Field Notes

cc: Karen Petryna, Equiva Services LLC, P.O. Box 7869, Burbank, California 91510-7869

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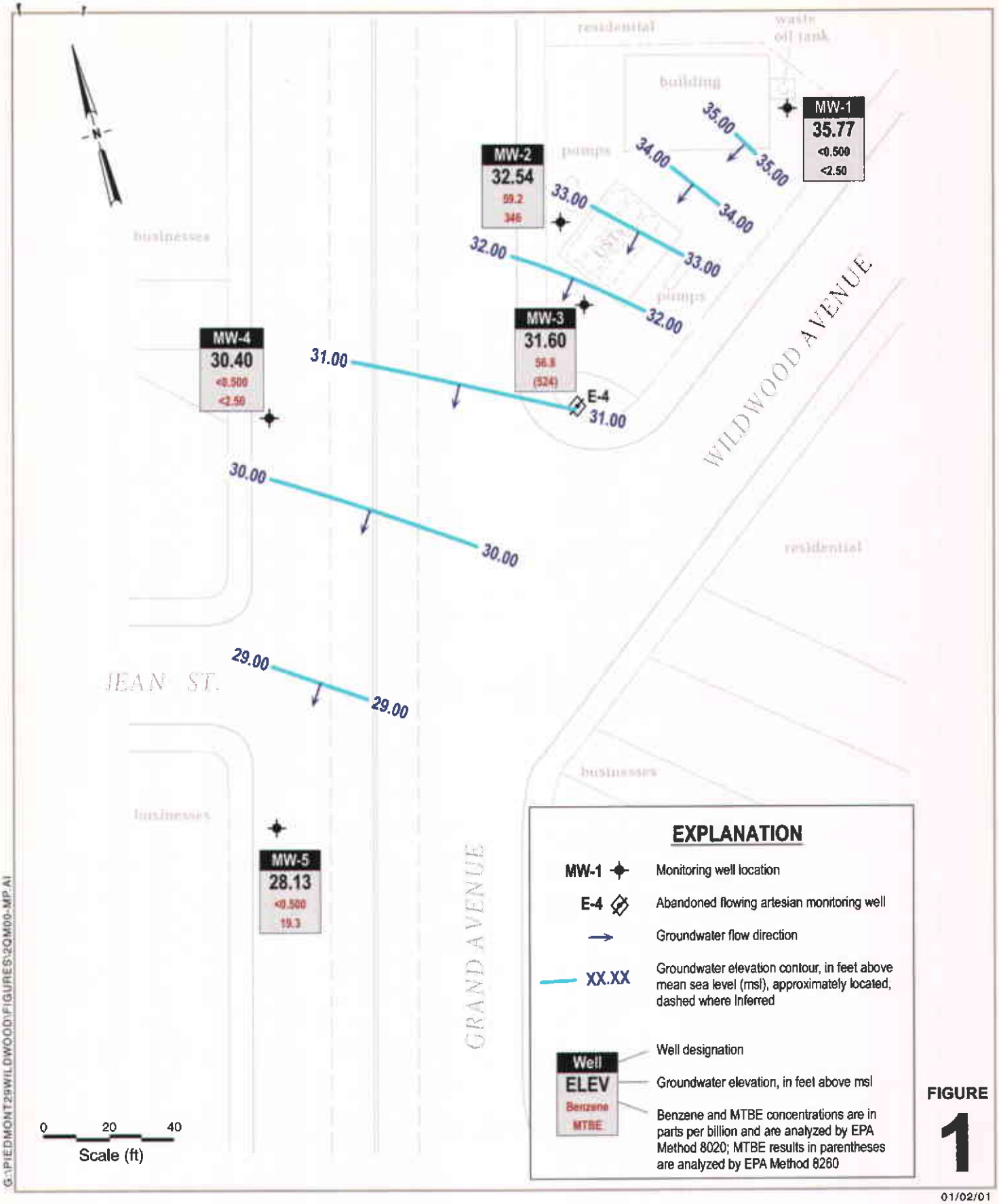

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FIGURE 1

01/02/01

Shell-branded Service Station
29 Wildwood Avenue
Piedmont, California
Incident #98995822

CAMBRIA

Groundwater Elevation Contour Map

October 30, 2000

Table 1. **Groundwater Analytical Data - Volatile Organic Compounds** - Shell-branded Service Station, Incident #98995822 - 29 Wildwood Avenue, Piedmont, California

Well ID (Qtrs Sampled)	Sample Date	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Tetrachloroethene	Trichloroethene	Notes
		← (Concentrations in ppb) →				
MW-1 (2nd & 4th)	05/13/98	<0.50	<0.50	<0.50	<0.50	a
	10/01/98	<0.50	<0.50	<0.50	<0.50	
	04/29/99	<0.50	<0.50	<0.50	<0.50	
	11/01/99	<0.500	<0.500	<0.500	<0.500	
	04/05/00	<0.500	<0.500	<0.500	<0.500	
	10/30/00	**<0.500**	**<0.500**	**<0.500**	**<0.500**	
MW-2 (4th)	10/01/98	<0.50	<0.50	<0.50	<0.50	
	11/01/99	<0.500	<0.500	<0.500	<0.500	
	04/05/00	<0.500	<0.500	<0.500	<0.500	
	10/30/00	**<5.00**	**<5.00**	**<5.00**	**<5.00**	
MW-3 (4th)	10/01/98	<0.50	<0.50	<0.50	<0.50	
	10/01/98	<0.50	<0.50	<0.50	<0.50	duplicate
	11/01/99	<0.500	<0.500	<0.500	<0.500	
	04/05/00	<0.500	<0.500	<0.500	<0.500	
	10/30/00	**<5.00**	**<5.00**	**<5.00**	**<5.00**	
MW-4 (2nd & 4th)	05/13/98	---	---	---	---	b
	10/01/98	2.5	1.5	3.2	1.1	
	04/29/99	2.2	0.58	2.5	0.78	
	11/01/99	---	---	---	---	b
	04/05/00	1.14	0.655	2.26	0.838	
	10/30/00	**2.81**	**1.24**	**2.28**	**1.25**	**d**
MW-5 (2nd & 4th)	05/13/98	16	9.3	200	28	a
	05/13/98	16	8.7	190	19	a, duplicate
	10/01/98	9	5.1	95	12	
	04/29/99	6.6	3.3	100	10	
	11/01/99	6.08	<2.50	91.9	11.7	
	04/05/00	8.26	<5.00	130	15.7	c
	10/30/00	**<5.00**	**<5.00**	**118**	**12.1**	

Table 1. **Groundwater Analytical Data - Volatile Organic Compounds** - Shell-branded Service Station, Incident #98995822 - 29 Wildwood Avenue, Piedmont, California

Well ID (Qtrs Sampled)	Sample Date	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Tetrachloroethene	Trichloroethene	Notes
		← (Concentrations in ppb) →				

Abbreviations & Notes:

ppb = Parts per billion
--- = Not available
<n = Below detection limits of n ppb
a = Chloroform was detected at 120 ppb in the equipment blank; samples analyzed past hold time
b = Well inaccessible
c = MW-4 also contained 8.89ppb 4-bromoflourobenzene
d = MW-4 also contained 0.763 ppb chloroform and 0.569 ppb 1,1,1-trichloroethane
Volatile organic compounds by EPA Method 8010; only detected compounds are tabulated

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

December 15, 2000

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

Fourth Quarter 2000 Groundwater Monitoring at
Shell-branded Service Station
29 Wildwood Avenue
Piedmont, CA

Monitoring performed on October 30, 2000

Groundwater Monitoring Report **001030-S-1**

This report covers the routine monitoring of groundwater wells at this Shell-branded facility. In accordance with standard procedures that conform to Regional Water Quality Control Board requirements, routine field data collection includes depth to water, total well depth, thickness of any separate immiscible layer, water column volume, calculated purge volume (if applicable), elapsed evacuation time (if applicable), total volume of water removed (if applicable), and standard water parameter instrument readings. Sample material is collected, contained, stored, and transported to the laboratory in conformance with EPA standards. Purgewater (if applicable) is, likewise, collected and transported to the Martinez Refining Company.

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

At a minimum, Blaine Tech Services, Inc. field personnel are certified on completion of a forty hour Hazardous Materials and Emergency Response training course per 29 CFR 1910.120. Field personnel are also enrolled in annual eight hour refresher courses.

Blaine Tech Services, Inc. conducts sampling and documentation assignments of this type as an independent third party. In order to avoid compromising the objectivity necessary for the proper and disinterested performance of this work, Blaine Tech Services, Inc. concentrates on objective data collection and does not participate in the interpretation of analytical results, the definition of geological or hydrological conditions, the formulation of recommendations, or the marketing of remedial systems.

Please call if you have any questions.

Yours truly,

Deidre Kerwin
Operations Manager

DK/jt

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

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

WELL CONCENTRATIONS
Shell-branded Service Station
29 Wildwood Avenue
Piedmont, CA
Wic #204-6001-0109

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)	DO Reading (ppm)
MW-1	07/12/1989	<50	<0.5	<1	<1	<3	NA	NA	37.96	2.76	35.20	NA
MW-1	01/30/1990	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	37.96	3.10	34.86	NA
MW-1	04/27/1990	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	37.96	3.24	34.72	NA
MW-1	07/31/1990	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	37.96	4.26	33.70	NA
MW-1	10/30/1990	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	37.96	4.25	33.71	NA
MW-1	01/31/1991	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	37.96	3.66	34.30	NA
MW-1	04/30/1991	<50	0.8	<0.5	0.6	1.2	NA	NA	37.96	3.46	34.50	NA
MW-1	07/30/1991	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	37.96	4.14	33.82	NA
MW-1	10/29/1991	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	37.96	3.96	34.00	NA
MW-1	01/20/1992	<30	<0.3	<0.3	<0.3	<0.3	NA	NA	37.96	3.59	34.37	NA
MW-1	04/14/1992	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	37.96	3.18	31.71	NA
MW-1	07/21/1992	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	37.96	4.17	33.79	NA
MW-1	10/02/1992	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	37.96	4.29	33.67	NA
MW-1	01/20/1993	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	37.96	2.32	35.64	NA
MW-1	05/03/1993	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	37.96	3.50	34.46	1.9
MW-1	06/28/1993	NA	NA	NA	NA	NA	NA	NA	37.96	3.76	34.20	NA
MW-1	07/21/1993	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	37.96	4.09	33.87	4.6
MW-1	10/19/1993	50	<0.5	<0.5	<0.5	<0.5	NA	NA	37.96	3.58	34.38	4.3
MW-1	01/20/1994	Well inaccessible		NA	NA	NA	NA	NA	37.96	NA	NA	NA
MW-1	04/12/1994	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	37.96	3.60	34.36	7.5
MW-1	07/20/1994	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	37.96	4.10	33.86	3.2
MW-1	10/06/1994	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	37.96	4.30	33.66	3.2
MW-1	01/20/1995	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	37.96	2.94	35.02	10.6
MW-1	07/06/1995	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	37.96	3.68	34.28	NA
MW-1	01/24/1996	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	37.96	2.12	35.84	NA
MW-1	07/12/1996	<50	<0.5	<0.5	<0.5	<0.5	<2.5	NA	37.96	3.58	34.38	2.7

WELL CONCENTRATIONS
Shell-branded Service Station
29 Wildwood Avenue
Piedmont, CA
Wic #204-6001-0109

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)	DO Reading (ppm)
MW-1	01/16/1997	120	14	10	3.6	14	<2.5	NA	37.96	2.30	35.66	3
MW-1	10/24/1997	<50	<0.50	<0.50	<0.50	<0.50	8.6	NA	37.96	3.66	34.30	4.5
MW-1	05/13/1998	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	37.96	2.81	35.15	5.1
MW-1	10/01/1998	<50	<0.50c	<0.50c	<0.50c	<0.50c	<2.5c	NA	37.96	3.75	34.21	5.0
MW-1	04/29/1999	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	37.96	3.52	34.44	4.1
MW-1	11/01/1999	<50.0	<0.500	<0.500	<0.500	<0.500	5.03	NA	37.96	4.05	33.91	3.6
MW-1	04/05/2000	<50.0	<0.500	<0.500	<0.500	<0.500	3.22	NA	37.96	3.74	34.22	4.2
MW-1	**10/30/2000**	**<50.0**	**<0.500**	**<0.500**	**<0.500**	**<0.500**	**<2.50**	**NA**	**37.96**	**2.19**	**35.77**	**4.1**
MW-2	07/12/1989	60	2.7	<1	<1	<3	NA	NA	34.89	3.66	31.23	NA
MW-2	01/30/1990	<50	6.6	<0.5	0.54	0.93	NA	NA	34.89	3.49	31.40	NA
MW-2	04/27/1990	60	2.1	<0.5	<0.5	<0.5	NA	NA	34.89	3.79	31.10	NA
MW-2	07/31/1990	70	1.5	<0.5	<0.5	<0.5	NA	NA	34.89	4.03	30.86	NA
MW-2	10/30/1990	70	<0.5	0.7	<0.5	1.6	NA	NA	34.89	4.21	30.68	NA
MW-2	01/31/1991	80	<0.5	<0.5	0.9	1.9	NA	NA	34.89	4.09	30.80	NA
MW-2	04/30/1991	100	5.9	0.6	0.7	2	NA	NA	34.89	3.95	30.94	NA
MW-2	07/30/1991	<50	<0.5	<0.7	<0.5	<0.5	NA	NA	34.89	4.07	30.82	NA
MW-2	10/29/1991	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	34.89	4.11	30.78	NA
MW-2	01/20/1992	<30	0.84	<0.3	<0.41	<0.48	NA	NA	34.89	3.86	31.03	NA
MW-2	04/14/1992	70	16	<0.5	3.1	2.1	NA	NA	34.89	3.66	34.30	NA
MW-2	07/21/1992	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	34.89	3.92	30.97	NA
MW-2	10/02/1992	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	34.89	4.45	30.44	NA
MW-2	01/20/1993	<50	3.8	<0.5	0.52	<0.5	NA	NA	34.89	3.74	31.15	NA
MW-2	05/03/1993	680a	2.8	<0.5	<0.5	<0.5	NA	NA	34.89	3.77	31.12	0.9
MW-2	06/28/1993	NA	NA	NA	NA	NA	NA	NA	34.89	3.96	30.93	NA
MW-2	07/21/1993	<50	8	1.2	1.8	7.9	NA	NA	34.89	4.39	30.50	5.9
MW-2	10/19/1993	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	34.89	3.92	30.97	5.7

WELL CONCENTRATIONS
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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)	DO Reading (ppm)
MW-2	01/20/1994	<50	1.5	<0.5	<0.5	<0.5	NA	NA	34.89	4.45	30.44	3.2
MW-2	04/12/1994	<50	2.9	<0.5	<0.5	<0.5	NA	NA	34.89	4.72	30.17	11.4
MW-2	07/20/1994	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	34.89	5.32	29.57	2.4
MW-2	10/06/1994	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	34.89	4.03	30.86	2.9
MW-2	01/20/1995	290	28	<0.5	<0.5	<0.5	NA	NA	34.89	3.89	31.00	4.6
MW-2	07/06/1995	120	3	<0.5	<0.5	<0.5	NA	NA	34.89	8.84	26.05	NA
MW-2	01/24/1996	70	3.1	<0.5	0.8	1.5	NA	NA	34.89	3.80	31.09	NA
MW-2 (D)	01/24/1996	70	3.2	0.5	0.7	1.5	NA	NA	34.89	NA	NA	NA
MW-2	07/12/1996	<50	0.68	<0.5	<0.5	<0.5	270	NA	34.89	3.85	31.04	3.8
MW-2	01/16/1997	230	34	1.6	1.6	4.2	460	NA	34.89	3.84	31.05	NA
MW-2	10/24/1997	<50	<0.50	<0.50	<0.50	<0.50	54	NA	34.89	3.75	31.14	2.9
MW-2	05/13/1998	NA	NA	NA	NA	NA	NA	NA	34.89	3.78	31.11	NA
MW-2	10/01/1998	<50	<0.50c	<0.50c	<0.50c	<0.50c	100	NA	34.89	4.90	29.99	3.0
MW-2	04/29/1999	NA	NA	NA	NA	NA	NA	NA	34.89	4.69	30.20	NA
MW-2	11/01/1999	<50.0	<0.500	1.29	0.669	4.52	7.21	NA	34.89	5.24	29.65	2.9
MW-2	04/05/2000	376d	68.1d	3.10d	2.88d	5.35d	729d	NA	34.89	3.43	31.46	3.6
MW-2	**10/30/2000**	**5,790**	**59.2**	**315**	**162**	**1320**	**346**	**NA**	**34.89**	**2.35**	**32.54**	**2.8**
MW-3	07/12/1989	3,900	380	41	99	30	NA	NA	35.00	3.83	31.17	NA
MW-3	01/30/1990	5,500	440	35	79	130	NA	NA	35.00	3.24	31.76	NA
MW-3	04/27/1990	4,500	310	26	37	110	NA	NA	35.00	4.02	30.98	NA
MW-3	07/31/1990	3,500	210	17	8.4	62	NA	NA	35.00	4.31	30.69	NA
MW-3	10/30/1990	2,300	610	<0.5	<0.5	28	NA	NA	35.00	4.52	30.48	NA
MW-3	01/31/1991	4,100	300	20	19	81	NA	NA	35.00	4.33	30.67	NA
MW-3	04/30/1991	3,800	370	19	8.6	60	NA	NA	35.00	3.79	31.21	NA
MW-3	07/30/1991	3,300	160	13	15	87	NA	NA	35.00	4.37	30.63	NA
MW-3	10/29/1991	1,000	35	2.8	2.9	8.1	NA	NA	35.00	4.00	31.00	NA

WELL CONCENTRATIONS
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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)	DO Reading (ppm)
MW-3	01/20/1992	6,900	380	18	47	48	NA	NA	35.00	3.87	31.13	NA
MW-3	04/14/1992	6,000	480	38	41	55	NA	NA	35.00	3.15	31.85	NA
MW-3	07/21/1992	3,700	330	13	30	23	NA	NA	35.00	4.17	30.83	NA
MW-3	10/02/1992	4,200	260	10	13	12	NA	NA	35.00	4.43	30.57	NA
MW-3	01/20/1993	4,200	360	15	32	26	NA	NA	35.00	2.20	32.80	NA
MW-3 (D)	01/20/1993	3,900	370	15	32	26	NA	NA	35.00	NA	NA	NA
MW-3	05/03/1993	12,000	290	520	120	620	NA	NA	35.00	3.50	31.50	0.6
MW-3	06/28/1993	NA	NA	NA	NA	NA	NA	NA	35.00	4.08	30.92	NA
MW-3	07/21/1993	2,000	170	12	<10	11	NA	NA	35.00	4.12	30.88	4.3
MW-3 (D)	07/21/1993	2,000	170	10	<10	14	NA	NA	35.00	NA	NA	NA
MW-3	10/19/1993	2,000	240	<0.5	<0.5	<0.5	NA	NA	35.00	4.20	30.80	5.7
MW-3	01/20/1994	4,200	280	<10	<10	<10	NA	NA	35.00	4.08	30.92	4.1
MW-3 (D)	01/20/1994	3,800	250	<10	<10	<10	NA	NA	35.00	NA	NA	4.1
MW-3	04/12/1994	4,700	380	<10	<10	<10	NA	NA	35.00	3.70	31.30	10.6
MW-3 (D)	04/12/1994	3,400	370	<25	<25	<25	NA	NA	35.00	NA	NA	NA
MW-3	07/20/1994	5,100	320	77	15	34	NA	NA	35.00	4.26	30.74	2.3
MW-3 (D)	07/20/1994	4,400	250	14	13	32	NA	NA	35.00	NA	NA	NA
MW-3	10/06/1994	4,300	280	9.7	4	15	NA	NA	35.00	4.31	30.69	2.3
MW-3	01/20/1995	4,600	180	18	16	10	NA	NA	35.00	3.00	32.00	11.1
MW-3 (D)	01/20/1995	4,300	170	12	15	7.2	NA	NA	35.00	NA	NA	NA
MW-3	07/06/1995	3,900	310	<0.5	7.6	13	NA	NA	35.00	3.75	31.25	NA
MW-3 (D)	07/06/1995	4,100	330	<0.5	7.9	2.4	NA	NA	35.00	NA	NA	NA
MW-3	01/24/1996	5,000	210	14	14	12	NA	NA	35.00	3.26	31.74	NA
MW-3	07/12/1996	2,700	210	<0.5	<0.5	<0.5	3,600	NA	35.00	3.77	31.23	2.4
MW-3 (D)	07/12/1996	2,800	210	<0.5	<0.5	<0.5	3,400	NA	35.00	NA	NA	2.4
MW-3	01/16/1997	4,200	130	19	10	34	4,400	4,600	35.00	2.38	32.62	2.3
MW-3	10/24/1997	4,100	270	9	5.1	8.8	2,000	NA	35.00	4.12	30.88	1.9

WELL CONCENTRATIONS
Shell-branded Service Station
29 Wildwood Avenue
Piedmont, CA
Wic #204-6001-0109

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)	DO Reading (ppm)
MW-3 (D)	10/24/1997	1,700	220	<5.0	<5.0	<5.0	1,500	NA	35.00	NA	NA	1.9
MW-3	05/13/1998	NA	NA	NA	NA	NA	NA	NA	35.00	3.22	31.78	NA
MW-3	10/01/1998	1,400	84c	<5.0c	<5.0c	<5.0c	2,300	NA	35.00	4.15	30.85	2.0
MW-3 (D)	10/01/1998	2,100	100c	<10c	<10c	<10c	2,600	NA	35.00	NA	NA	2.0
MW-3	04/29/1999	NA	NA	NA	NA	NA	NA	NA	35.00	4.27	30.73	NA
MW-3	11/01/1999	1,850	94.3	6.09	<5.00	6.67	4,140	NA	35.00	4.65	30.35	2.2
MW-3	04/05/2000	3,070	96.9	12.1	<10.0	<10.0	1,050	NA	35.00	3.50	31.50	2.7
MW-3	**10/30/2000**	**1,570**	**56.8**	**1.91**	**1.39**	**3.06**	**572**	**524**	**35.00**	**3.40**	**31.60**	**3.1**
MW-4	01/30/1990	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	33.73	4.50	29.23	NA
MW-4	04/27/1990	130a	<0.5	<0.5	<0.5	<0.5	NA	NA	33.73	3.62	30.11	NA
MW-4	07/31/1990	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	33.73	4.19	29.54	NA
MW-4	10/30/1990	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	33.73	4.19	29.54	NA
MW-4	01/31/1991	50a	<0.5	<0.5	<0.5	<0.5	NA	NA	33.73	4.49	29.24	NA
MW-4	04/30/1991	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	33.73	4.02	29.71	NA
MW-4	07/30/1991	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	33.73	4.39	29.34	NA
MW-4	10/29/1991	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	33.73	3.75	29.98	NA
MW-4	01/20/1992	<30	<0.3	<0.3	<0.3	<0.3	NA	NA	33.73	3.94	29.79	NA
MW-4	04/14/1992	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	33.73	3.71	30.02	NA
MW-4	07/21/1992	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	33.73	4.02	29.71	NA
MW-4	10/02/1992	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	33.73	4.13	29.60	NA
MW-4	01/20/1993	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	33.73	3.10	30.63	NA
MW-4	05/03/1993	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	33.73	3.70	30.03	1.7
MW-4	06/28/1993	NA	NA	NA	NA	NA	NA	NA	33.73	3.81	29.92	NA
MW-4	07/21/1993	<50	0.56	<0.5	<0.5	<0.5	NA	NA	33.73	3.81	29.92	4.5
MW-4	10/19/1993	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	33.73	3.94	29.79	5.8
MW-4	01/20/1994	<50	0.71	<0.5	<0.5	<0.5	NA	NA	33.73	4.00	29.73	4.4

WELL CONCENTRATIONS
Shell-branded Service Station
29 Wildwood Avenue
Piedmont, CA
Wic #204-6001-0109

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)	DO Reading (ppm)
MW-4	04/12/1994	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	33.73	4.01	29.72	7.3
MW-4	07/20/1994	160	<0.5	<0.5	<0.5	<0.5	NA	NA	33.73	3.91	29.82	6.4
MW-4	10/06/1994	410	<0.5	<0.5	<0.5	<0.5	NA	NA	33.73	3.99	29.74	5.0
MW-4	01/20/1995	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	33.73	3.56	30.17	4.9
MW-4	07/06/1995	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	33.73	3.85	29.88	NA
MW-4	01/24/1996	<50	<0.5	<0.5	0.6	1.8	NA	NA	33.73	2.56	31.17	NA
MW-4	07/12/1996	<50	<0.5	<0.5	<0.5	<0.5	b	NA	33.73	3.36	30.37	2.7
MW-4	01/16/1997	Well inaccessible		NA	NA	NA	NA	NA	33.73	NA	NA	NA
MW-4	10/24/1997	Well inaccessible		NA	NA	NA	NA	NA	33.73	NA	NA	NA
MW-4	05/13/1998	Well inaccessible		NA	NA	NA	NA	NA	33.73	NA	NA	NA
MW-4	10/01/1998	<50	<0.50c	<0.50c	<0.50c	0.74c	8.1	NA	33.73	3.90	29.83	2.5
MW-4	04/29/1999	<50	<0.50	<0.50	<0.50	<0.50	5.7	NA	33.73	3.97	29.76	2.1
MW-4	11/01/1999	Well inaccessible		NA	NA	NA	NA	NA	33.73	NA	NA	NA
MW-4	04/05/2000	<50.0	<0.500	<0.500	<0.500	<0.500	3.64	NA	33.73	3.63	30.10	2.1
MW-4	**10/30/2000**	**<50.0**	**<0.500**	**<0.500**	**<0.500**	**<0.500**	**<2.50**	**NA**	**33.73**	**3.33**	**30.40**	**3.0**
MW-5	01/30/1990	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	31.38	7.12	24.26	NA
MW-5	04/27/1990	210a	<0.5	<0.5	<0.5	<0.5	NA	NA	31.38	4.19	27.19	NA
MW-5	07/31/1990	90	<0.5	<0.5	<0.5	<0.5	NA	NA	31.38	4.09	27.29	NA
MW-5	10/30/1990	100	0.8	0.7	0.6	1.4	NA	NA	31.38	4.39	26.99	NA
MW-5	01/31/1991	80a	<0.5	<0.5	<0.5	<0.5	NA	NA	31.38	4.49	26.89	NA
MW-5	04/30/1991	90	<0.5	<0.5	<0.5	<0.5	NA	NA	31.38	4.27	27.11	NA
MW-5	07/30/1991	90	<0.5	<0.5	<0.5	<0.5	NA	NA	31.38	4.32	27.06	NA
MW-5	10/29/1991	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	31.38	3.79	27.59	NA
MW-5	01/20/1992	<30	<0.3	<0.3	<0.3	<0.3	NA	NA	31.38	4.09	27.29	NA
MW-5	04/14/1992	<50a	<0.5	<0.5	<0.5	<0.5	NA	NA	31.38	4.12	27.26	NA
MW-5	07/21/1992	74a	<0.5	<0.5	<0.5	<0.5	NA	NA	31.38	4.13	27.25	NA

WELL CONCENTRATIONS
Shell-branded Service Station
29 Wildwood Avenue
Piedmont, CA
Wic #204-6001-0109

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)	DO Reading (ppm)
MW-5	10/02/1992	76a	<0.5	<0.5	<0.5	<0.5	NA	NA	31.38	4.30	27.08	NA
MW-5	01/20/1993	72a	<0.5	<0.5	<0.5	<0.5	NA	NA	31.38	3.12	28.26	NA
MW-5	05/03/1993	70a	<0.5	<0.5	<0.5	<0.5	NA	NA	31.38	4.07	27.31	1.6
MW-5 (D)	05/04/1993	80a	<0.5	<0.5	<0.5	<0.5	NA	NA	31.38	NA	NA	NA
MW-5	06/28/1993	NA	NA	NA	NA	NA	NA	NA	31.38	4.08	27.30	NA
MW-5	07/21/1993	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	31.38	4.05	27.33	3.5
MW-5	10/19/1993	51	<0.5	<0.5	<0.5	<0.5	NA	NA	31.38	4.20	27.18	3.8
MW-5	01/20/1994	90	<0.5	<0.5	<0.5	<0.5	NA	NA	31.38	4.40	26.98	4.2
MW-5	04/12/1994	67	<0.5	<0.5	<0.5	<0.5	NA	NA	31.38	4.18	27.20	NA
MW-5	07/20/1994	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	31.38	4.06	27.32	3.2
MW-5	10/06/1994	80	<0.5	<0.5	<0.5	<0.5	NA	NA	31.38	4.01	27.37	2.1
MW-5 (D)	10/06/1994	60	<0.5	<0.5	<0.5	<0.5	NA	NA	31.38	NA	NA	NA
MW-5	01/20/1995	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	31.38	3.49	27.89	3.2
MW-5	07/06/1995	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	31.38	4.06	27.32	NA
MW-5	01/24/1996	70	<0.5	<0.5	0.8	2.9	NA	NA	31.38	2.90	28.48	NA
MW-5	07/12/1996	62	<0.5	<0.5	<0.5	<0.5	b	NA	31.38	4.02	27.36	1.9
MW-5	01/16/1997	66	0.91	0.89	<0.50	1.7	<2.5	NA	31.38	2.59	28.79	2.2
MW-5 (D)	01/16/1997	<50	0.7	0.78	<0.50	1.3	<2.5	NA	31.38	NA	NA	2.2
MW-5	10/24/1997	59	<0.50	<0.50	<0.50	<0.50	17	NA	31.38	4.15	27.23	4.6
MW-5	05/13/1998	72	<0.50	<0.50	<0.50	<0.50	<2.5	NA	31.38	3.64	27.74	2.1
MW-5 (D)	05/13/1998	70	<0.50	<0.50	<0.50	<0.50	<2.5	NA	31.38	NA	NA	2.1
MW-5	10/01/1998	57	<0.50c	<0.50c	<0.50c	0.62c	20	NA	31.38	4.25	27.13	2.2
MW-5	04/29/1999	<50	<0.50	<0.50	<0.50	<0.50	16	NA	31.38	4.56	26.82	2.0
MW-5	11/01/1999	<50.0	<0.500	<0.500	<0.500	<0.500	3.06	NA	31.38	4.19	27.19	2.2
MW-5	04/05/2000	<50.0	<0.500	<0.500	<0.500	<0.500	22.5	NA	31.38	4.34	27.04	2.2
MW-5	**10/30/2000**	**<50.0**	**<0.500**	**<0.500**	**<0.500**	**<0.500**	**19.3**	**NA**	**31.38**	**3.25**	**28.13**	**4.0**

WELL CONCENTRATIONS
Shell-branded Service Station
29 Wildwood Avenue
Piedmont, CA
Wic #204-6001-0109

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)	DO Reading (ppm)
E-4	07/12/1989	<50	<0.5	<1	<1	<3	NA	NA	34.63	NA	>39.13	NA
E-4	01/30/1990	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	34.63	NA	>34.63	NA
E-4	04/27/1990	120a	<0.5	<0.5	<0.5	<0.5	NA	NA	34.63	NA	>34.63	NA
E-4	07/31/1990	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	34.63	NA	>34.63	NA
E-4	10/30/1990	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	34.63	NA	>34.63	NA
E-4	01/31/1991	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	34.63	NA	>34.63	NA
E-4	04/30/1991	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	34.63	NA	>34.63	NA
E-4	07/30/1991	<50	<0.5	0.6	<0.5	<0.5	NA	NA	34.63	NA	>34.63	NA
E-4	10/29/1991	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	34.63	NA	>34.63	NA
E-4	01/20/1992	<30	<0.3	<0.3	<0.3	<0.3	NA	NA	34.63	NA	>34.63	NA
E-4	04/14/1992	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	34.63	NA	>34.63	NA
E-4	07/21/1992	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	34.63	NA	>34.63	NA
E-4	10/02/1992	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	34.63	NA	>34.63	NA
E-4	01/20/1993	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	34.63	NA	>34.63	NA
E-4	05/03/1993	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	34.63	NA	>34.63	0.6
E-4	06/28/1993	NA	NA	NA	NA	NA	NA	NA	34.63	NA	>34.63	NA
E-4	07/21/1993	<50	5.4	0.72	1	4.4	NA	NA	34.63	NA	>34.63	5.4
E-4	10/19/1993	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	34.63	NA	>34.63	5.6
E-4	01/20/1994	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	34.63	NA	>34.63	NA
E-4	04/12/1994	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	34.63	NA	>34.63	9.4
E-4	07/20/1994	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	34.63	NA	>34.63	2.0
E-4	10/06/1994	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	34.63	NA	>34.63	1.3
E-4	01/20/1995	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	34.63	NA	>34.63	3.7
E-4	05/16/1995	Well abandoned		NA	NA	NA	NA	NA	NA	NA	NA	NA

WELL CONCENTRATIONS
Shell-branded Service Station
29 Wildwood Avenue
Piedmont, CA
Wic #204-6001-0109

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)	DO Reading (ppm)

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

DO = Dissolved Oxygen

ug/L = parts per billion

ppm = parts per million

msl = Mean sea level

ft = Feet

<n = Below detection limit

D = Duplicate sample

NA = Not applicable

Notes:

a = Chromatogram pattern indicated an unidentified hydrocarbon.

b = Due to coelution with early eluters, no result could be determined for MTBE

c = Laboratory reported 1.3 ug/L benzene, 11 ug/L toluene, 0.98 ug/L ethyl benzene, and 6.5 ug/L total xylenes in the equipment blank.

d = Result reported was generated out of hold time.

Well E-4 is a flowing artesian well; potentiometric surface above top-of-casing elevation.

Sequoia Analytical

885 Jarvis Drive
Morgan Hill, CA 95037
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30 November, 2000

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

RE: 29 Wildwood Ave
Sequoia Report: MJK0124

Enclosed are the results of analyses for samples received by the laboratory on 10/31/00 13:14. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

for Wayne Stevenson
Client Services Manager

CA ELAP Certificate #1210

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Blaine Tech Services (Shell)	Project: 29 Wildwood Ave	
1680 Rogers Avenue	Project Number: 29 Wildwood Ave	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	11/30/00 07:38

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-1	MJK0124-01	Water	10/30/00 11:07	10/31/00 13:14
MW-2	MJK0124-02	Water	10/30/00 12:03	10/31/00 13:14
MW-3	MJK0124-03	Water	10/30/00 12:20	10/31/00 13:14
MW-4	MJK0124-04	Water	10/30/00 11:42	10/31/00 13:14
MW-5	MJK0124-05	Water	10/30/00 11:25	10/31/00 13:14

for
Wayne Stevenson, Client Services Manager

Sequoia Analytical

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Blaine Tech Services (Shell)	Project: 29 Wildwood Ave	
1680 Rogers Avenue	Project Number: 29 Wildwood Ave	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	11/30/00 07:38

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 (MJK0124-01) Water Sampled: 10/30/00 11:07 Received: 10/31/00 13:14									
Purgeable Hydrocarbons	ND	50.0	ug/l	1	0K09004	11/09/00	11/09/00	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		*86.7 %*	*70-130*		"	"	"	"	
MW-2 (MJK0124-02) Water Sampled: 10/30/00 12:03 Received: 10/31/00 13:14									
Purgeable Hydrocarbons	**5790**	1000	ug/l	20	0K09004	11/09/00	11/09/00	DHS LUFT	P-01
Benzene	**59.2**	10.0	"	"	"	"	"	"	
Toluene	**315**	10.0	"	"	"	"	"	"	
Ethylbenzene	**162**	10.0	"	"	"	"	"	"	
Xylenes (total)	**1320**	10.0	"	"	"	"	"	"	
Methyl tert-butyl ether	**346**	50.0	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*92.6 %*	*70-130*		"	"	"	"	
MW-3 (MJK0124-03) Water Sampled: 10/30/00 12:20 Received: 10/31/00 13:14									
Purgeable Hydrocarbons	**1570**	125	ug/l	2.5	0K10002	11/10/00	11/10/00	DHS LUFT	P-03
Benzene	**56.8**	1.25	"	"	"	"	"	"	
Toluene	**1.91**	1.25	"	"	"	"	"	"	
Ethylbenzene	**1.39**	1.25	"	"	"	"	"	"	
Xylenes (total)	**3.06**	1.25	"	"	"	"	"	"	
Methyl tert-butyl ether	**572**	6.25	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*109 %*	*70-130*		"	"	"	"	

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Blaine Tech Services (Shell)	Project: 29 Wildwood Ave	
1680 Rogers Avenue	Project Number: 29 Wildwood Ave	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	11/30/00 07:38

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-4 (MJK0124-04) Water Sampled: 10/30/00 11:42 Received: 10/31/00 13:14									
Purgeable Hydrocarbons	ND	50.0	ug/l	1	0K10002	11/10/00	11/10/00	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		*98.3 %*		*70-130*	"	"	"	"	
MW-5 (MJK0124-05) Water Sampled: 10/30/00 11:25 Received: 10/31/00 13:14									
Purgeable Hydrocarbons	ND	50.0	ug/l	1	0K09004	11/09/00	11/09/00	DHS LUFT	
Benzene	ND	0.500	"	"	"	"	"	"	
Toluene	ND	0.500	"	"	"	"	"	"	
Ethylbenzene	ND	0.500	"	"	"	"	"	"	
Xylenes (total)	ND	0.500	"	"	"	"	"	"	
Methyl tert-butyl ether	**19.3**	2.50	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*85.9 %*		*70-130*	"	"	"	"	

Sequoia Analytical

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Blaine Tech Services (Shell)	Project: 29 Wildwood Ave	
1680 Rogers Avenue	Project Number: 29 Wildwood Ave	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	11/30/00 07:38

MTBE Confirmation by EPA Method 8260A

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-3 (MJK0124-03) Water Sampled: 10/30/00 12:20 Received: 10/31/00 13:14									
Methyl tert-butyl ether	**524**	20.0	ug/l	20	0K10006	11/09/00	11/09/00	EPA 8260A	
Surrogate: 1,2-Dichloroethane-d4		*155 %*	*70-130*		"	"	"	"	*S-04*

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Blaine Tech Services (Shell)	Project: 29 Wildwood Ave	
1680 Rogers Avenue	Project Number: 29 Wildwood Ave	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	11/30/00 07:38

Volatile Organic Compounds by EPA Method 8021B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-1 (MJK0124-01) Water Sampled: 10/30/00 11:07 Received: 10/31/00 13:14									
Bromodichloromethane	ND	0.500	ug/l	1	0K09021	11/09/00	11/10/00	EPA 8021B	
Bromoform	ND	0.500	"	"	"	"	"	"	
Bromomethane	ND	1.00	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.500	"	"	"	"	"	"	
Chlorobenzene	ND	0.500	"	"	"	"	"	"	
Chloroethane	ND	1.00	"	"	"	"	"	"	
Chloroform	ND	0.500	"	"	"	"	"	"	
Chloromethane	ND	1.00	"	"	"	"	"	"	
Dibromochloromethane	ND	0.500	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.500	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.500	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.500	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.500	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.500	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.500	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.500	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.500	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.500	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.500	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.500	"	"	"	"	"	"	
Methylene chloride	ND	5.00	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.500	"	"	"	"	"	"	
Tetrachloroethene	ND	0.500	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.500	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.500	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane	ND	1.00	"	"	"	"	"	"	
Trichloroethene	ND	0.500	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.500	"	"	"	"	"	"	
Vinyl chloride	ND	1.00	"	"	"	"	"	"	
1,2-Dibromoethane	ND	1.00	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*73.7 %*	*70-130*		"	"	"	"	

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Blaine Tech Services (Shell)	Project: 29 Wildwood Ave	
1680 Rogers Avenue	Project Number: 29 Wildwood Ave	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	11/30/00 07:38

Volatile Organic Compounds by EPA Method 8021B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-2 (MJK0124-02) Water	**Sampled: 10/30/00 12:03**	**Received: 10/31/00 13:14**							
Bromodichloromethane	ND	5.00	ug/l	10	0K09021	11/09/00	11/10/00	EPA 8021B	
Bromoform	ND	5.00	"	"	"	"	"	"	
Bromomethane	ND	10.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	5.00	"	"	"	"	"	"	
Chlorobenzene	ND	5.00	"	"	"	"	"	"	
Chloroethane	ND	10.0	"	"	"	"	"	"	
Chloroform	ND	5.00	"	"	"	"	"	"	
Chloromethane	ND	10.0	"	"	"	"	"	"	
Dibromochloromethane	ND	5.00	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	5.00	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	5.00	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	5.00	"	"	"	"	"	"	
1,1-Dichloroethane	ND	5.00	"	"	"	"	"	"	
1,2-Dichloroethane	ND	5.00	"	"	"	"	"	"	
1,1-Dichloroethene	ND	5.00	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	5.00	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	5.00	"	"	"	"	"	"	
1,2-Dichloropropane	ND	5.00	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	5.00	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	5.00	"	"	"	"	"	"	
Methylene chloride	ND	50.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	5.00	"	"	"	"	"	"	
Tetrachloroethene	ND	5.00	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	5.00	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.00	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane	ND	10.0	"	"	"	"	"	"	
Trichloroethene	ND	5.00	"	"	"	"	"	"	
Trichlorofluoromethane	ND	5.00	"	"	"	"	"	"	
Vinyl chloride	ND	10.0	"	"	"	"	"	"	
1,2-Dibromoethane	ND	10.0	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*74.2 %*	*70-130*		"	"	"	"	

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Blaine Tech Services (Shell)	Project: 29 Wildwood Ave	
1680 Rogers Avenue	Project Number: 29 Wildwood Ave	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	11/30/00 07:38

Volatile Organic Compounds by EPA Method 8021B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-3 (MJK0124-03) Water Sampled: 10/30/00 12:20 Received: 10/31/00 13:14									
Bromodichloromethane	ND	5.00	ug/l	10	0K09021	11/09/00	11/13/00	EPA 8021B	
Bromoform	ND	5.00	"	"	"	"	"	"	
Bromomethane	ND	10.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	5.00	"	"	"	"	"	"	
Chlorobenzene	ND	5.00	"	"	"	"	"	"	
Chloroethane	ND	10.0	"	"	"	"	"	"	
Chloroform	ND	5.00	"	"	"	"	"	"	
Chloromethane	ND	10.0	"	"	"	"	"	"	
Dibromochloromethane	ND	5.00	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	5.00	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	5.00	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	5.00	"	"	"	"	"	"	
1,1-Dichloroethane	ND	5.00	"	"	"	"	"	"	
1,2-Dichloroethane	ND	5.00	"	"	"	"	"	"	
1,1-Dichloroethene	ND	5.00	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	5.00	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	5.00	"	"	"	"	"	"	
1,2-Dichloropropane	ND	5.00	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	5.00	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	5.00	"	"	"	"	"	"	
Methylene chloride	ND	50.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	5.00	"	"	"	"	"	"	
Tetrachloroethene	ND	5.00	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	5.00	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.00	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane	ND	10.0	"	"	"	"	"	"	
Trichloroethene	ND	5.00	"	"	"	"	"	"	
Trichlorofluoromethane	ND	5.00	"	"	"	"	"	"	
Vinyl chloride	ND	10.0	"	"	"	"	"	"	
1,2-Dibromoethane	ND	10.0	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*96.5 %*		*70-130*		"	"	"	

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Blaine Tech Services (Shell)	Project: 29 Wildwood Ave	
1680 Rogers Avenue	Project Number: 29 Wildwood Ave	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	11/30/00 07:38

Volatile Organic Compounds by EPA Method 8021B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-4 (MJK0124-04) Water	**Sampled: 10/30/00 11:42**	**Received: 10/31/00 13:14**							
Bromodichloromethane	ND	0.500	ug/l	1	0K09021	11/09/00	11/11/00	EPA 8021B	
Bromoform	ND	0.500	"	"	"	"	"	"	
Bromomethane	ND	1.00	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.500	"	"	"	"	"	"	
Chlorobenzene	ND	0.500	"	"	"	"	"	"	
Chloroethane	ND	1.00	"	"	"	"	"	"	
Chloroform	**0.763**	0.500	"	"	"	"	"	"	
Chloromethane	ND	1.00	"	"	"	"	"	"	
Dibromochloromethane	ND	0.500	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.500	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.500	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.500	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.500	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.500	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.500	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**2.81**	0.500	"	"	"	"	"	"	
trans-1,2-Dichloroethene	**1.24**	0.500	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.500	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.500	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.500	"	"	"	"	"	"	
Methylene chloride	ND	5.00	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.500	"	"	"	"	"	"	
Tetrachloroethene	**2.28**	0.500	"	"	"	"	"	"	
1,1,1-Trichloroethane	**0.569**	0.500	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.500	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane	ND	1.00	"	"	"	"	"	"	
Trichloroethene	**1.28**	0.500	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.500	"	"	"	"	"	"	
Vinyl chloride	ND	1.00	"	"	"	"	"	"	
1,2-Dibromoethane	ND	1.00	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*93.6 %*		*70-130*	"	"	"	"	

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Blaine Tech Services (Shell)	Project: 29 Wildwood Ave	
1680 Rogers Avenue	Project Number: 29 Wildwood Ave	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	11/30/00 07:38

Volatile Organic Compounds by EPA Method 8021B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-5 (MJK0124-05) Water Sampled: 10/30/00 11:25 Received: 10/31/00 13:14									
Bromodichloromethane	ND	5.00	ug/l	10	0K09021	11/09/00	11/11/00	EPA 8021B	
Bromoform	ND	5.00	"	"	"	"	"	"	
Bromomethane	ND	10.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	5.00	"	"	"	"	"	"	
Chlorobenzene	ND	5.00	"	"	"	"	"	"	
Chloroethane	ND	10.0	"	"	"	"	"	"	
Chloroform	ND	5.00	"	"	"	"	"	"	
Chloromethane	ND	10.0	"	"	"	"	"	"	
Dibromochloromethane	ND	5.00	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	5.00	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	5.00	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	5.00	"	"	"	"	"	"	
1,1-Dichloroethane	ND	5.00	"	"	"	"	"	"	
1,2-Dichloroethane	ND	5.00	"	"	"	"	"	"	
1,1-Dichloroethene	ND	5.00	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	5.00	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	5.00	"	"	"	"	"	"	
1,2-Dichloropropane	ND	5.00	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	5.00	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	5.00	"	"	"	"	"	"	
Methylene chloride	ND	50.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	5.00	"	"	"	"	"	"	
Tetrachloroethene	**118**	5.00	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	5.00	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.00	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane	ND	10.0	"	"	"	"	"	"	
Trichloroethene	**12.1**	5.00	"	"	"	"	"	"	
Trichlorofluoromethane	ND	5.00	"	"	"	"	"	"	
Vinyl chloride	ND	10.0	"	"	"	"	"	"	
1,2-Dibromoethane	ND	10.0	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*90.7 %*		*70-130*	"	"	"	"	

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Blaine Tech Services (Shell)	Project: 29 Wildwood Ave	
1680 Rogers Avenue	Project Number: 29 Wildwood Ave	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	11/30/00 07:38

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 0K09004 - EPA 5030B [P/T]										
Blank (0K09004-BLK1)				Prepared & Analyzed: 11/09/00						
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	*8.75*		"	*10.0*		*87.5*	*70-130*			
LCS (0K09004-BS1)				Prepared & Analyzed: 11/09/00						
Purgeable Hydrocarbons	219	50.0	ug/l	250		87.6	70-130			
Surrogate: a,a,a-Trifluorotoluene	*7.86*		"	*10.0*		*78.6*	*70-130*			
Matrix Spike (0K09004-MS1)		**Source: MJK0175-01**		Prepared & Analyzed: 11/09/00						
Purgeable Hydrocarbons	225	50.0	ug/l	250	ND	90.0	60-140			
Surrogate: a,a,a-Trifluorotoluene	*8.31*		"	*10.0*		*83.1*	*70-130*			
Matrix Spike Dup (0K09004-MSD1)		**Source: MJK0175-01**		Prepared & Analyzed: 11/09/00						
Purgeable Hydrocarbons	225	50.0	ug/l	250	ND	90.0	60-140	0	25	
Surrogate: a,a,a-Trifluorotoluene	*7.99*		"	*10.0*		*79.9*	*70-130*			
Batch 0K10002 - EPA 5030B [P/T]										
Blank (0K10002-BLK1)				Prepared & Analyzed: 11/10/00						
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	*9.79*		"	*10.0*		*97.9*	*70-130*			

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Blaine Tech Services (Shell)	Project: 29 Wildwood Ave	
1680 Rogers Avenue	Project Number: 29 Wildwood Ave	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	11/30/00 07:38

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 0K10002 - EPA 5030B [P/T]										
LCS (0K10002-BS1)				Prepared & Analyzed: 11/10/00						
Purgeable Hydrocarbons	236	50.0	ug/l	250		94.4	70-130			
Surrogate: a,a,a-Trifluorotoluene	*10.4*		"	*10.0*		*104*	*70-130*			
Matrix Spike (0K10002-MS1)		**Source: MJK0241-05**		Prepared & Analyzed: 11/10/00						
Purgeable Hydrocarbons	209	50.0	ug/l	250	ND	83.6	60-140			
Surrogate: a,a,a-Trifluorotoluene	*10.5*		"	*10.0*		*105*	*70-130*			
Matrix Spike Dup (0K10002-MSD1)		**Source: MJK0241-05**		Prepared & Analyzed: 11/10/00						
Purgeable Hydrocarbons	200	50.0	ug/l	250	ND	80.0	60-140	4.40	25	
Surrogate: a,a,a-Trifluorotoluene	*10.1*		"	*10.0*		*101*	*70-130*			

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Blaine Tech Services (Shell)	Project: 29 Wildwood Ave	
1680 Rogers Avenue	Project Number: 29 Wildwood Ave	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	11/30/00 07:38

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 0K10006 - EPA 5030B [P/T]										
Blank (0K10006-BLK1)				Prepared & Analyzed: 11/09/00						
Methyl tert-butyl ether	ND	1.00	ug/l							
Surrogate: 1,2-Dichloroethane-d4	*11.9*		"	*10.0*		*119*	*70-130*			
LCS (0K10006-BS1)				Prepared & Analyzed: 11/09/00						
Methyl tert-butyl ether	9.63	1.00	ug/l	10.0		96.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	*11.5*		"	*10.0*		*115*	*70-130*			
Matrix Spike (0K10006-MS1)		**Source: MJK0161-01**		Prepared & Analyzed: 11/09/00						
Methyl tert-butyl ether	22.1	1.00	ug/l	10.0	14.2	79.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	*11.6*		"	*10.0*		*116*	*70-130*			
Matrix Spike Dup (0K10006-MSD1)		**Source: MJK0161-01**		Prepared & Analyzed: 11/09/00						
Methyl tert-butyl ether	22.6	1.00	ug/l	10.0	14.2	84.0	70-130	2.24	25	
Surrogate: 1,2-Dichloroethane-d4	*11.7*		"	*10.0*		*117*	*70-130*			

Sequoia Analytical

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

Blaine Tech Services (Shell)	Project: 29 Wildwood Ave	
1680 Rogers Avenue	Project Number: 29 Wildwood Ave	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	11/30/00 07:38

Volatile Organic Compounds by EPA Method 8021B - Quality Control
Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0K09021 - EPA 5030B [P/T]										
Blank (0K09021-BLK1)				Prepared & Analyzed: 11/09/00						
Bromodichloromethane	ND	0.500	ug/l							
Bromoform	ND	0.500	"							
Bromomethane	ND	1.00	"							
Carbon tetrachloride	ND	0.500	"							
Chlorobenzene	ND	0.500	"							
Chloroethane	ND	1.00	"							
Chloroform	ND	0.500	"							
Chloromethane	ND	1.00	"							
Dibromochloromethane	ND	0.500	"							
1,3-Dichlorobenzene	ND	0.500	"							
1,4-Dichlorobenzene	ND	0.500	"							
1,2-Dichlorobenzene	ND	0.500	"							
1,1-Dichloroethane	ND	0.500	"							
1,2-Dichloroethane	ND	0.500	"							
1,1-Dichloroethene	ND	0.500	"							
cis-1,2-Dichloroethene	ND	0.500	"							
trans-1,2-Dichloroethene	ND	0.500	"							
1,2-Dichloropropane	ND	0.500	"							
cis-1,3-Dichloropropene	ND	0.500	"							
trans-1,3-Dichloropropene	ND	0.500	"							
Methylene chloride	ND	5.00	"							
1,1,2,2-Tetrachloroethane	ND	0.500	"							
Tetrachloroethene	ND	0.500	"							
1,1,1-Trichloroethane	ND	0.500	"							
1,1,2-Trichloroethane	ND	0.500	"							
1,1,2-Trichlorotrifluoroethane	ND	1.00	"							
Trichloroethene	ND	0.500	"							
Trichlorofluoromethane	ND	0.500	"							
Vinyl chloride	ND	1.00	"							
1,2-Dibromoethane	ND	1.00	"							
Surrogate: 4-Bromofluorobenzene	*7.13*		"	*10.0*		*71.3*	*70-130*			

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Blaine Tech Services (Shell)	Project: 29 Wildwood Ave	
1680 Rogers Avenue	Project Number: 29 Wildwood Ave	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	11/30/00 07:38

Volatile Organic Compounds by EPA Method 8021B - Quality Control
Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0K09021 - EPA 5030B [P/T]										
Blank (0K09021-BLK2)				Prepared: 11/09/00 Analyzed: 11/10/00						
Bromodichloromethane	ND	0.500	ug/l							
Bromoform	ND	0.500	"							
Bromomethane	ND	1.00	"							
Carbon tetrachloride	ND	0.500	"							
Chlorobenzene	ND	0.500	"							
Chloroethane	ND	1.00	"							
Chloroform	ND	0.500	"							
Chloromethane	ND	1.00	"							
Dibromochloromethane	ND	0.500	"							
1,3-Dichlorobenzene	ND	0.500	"							
1,4-Dichlorobenzene	ND	0.500	"							
1,2-Dichlorobenzene	ND	0.500	"							
1,1-Dichloroethane	ND	0.500	"							
1,2-Dichloroethane	ND	0.500	"							
1,1-Dichloroethene	ND	0.500	"							
cis-1,2-Dichloroethene	ND	0.500	"							
trans-1,2-Dichloroethene	ND	0.500	"							
1,2-Dichloropropane	ND	0.500	"							
cis-1,3-Dichloropropene	ND	0.500	"							
trans-1,3-Dichloropropene	ND	0.500	"							
Methylene chloride	ND	5.00	"							
1,1,2,2-Tetrachloroethane	ND	0.500	"							
Tetrachloroethene	ND	0.500	"							
1,1,1-Trichloroethane	ND	0.500	"							
1,1,2-Trichloroethane	ND	0.500	"							
1,1,2-Trichlorotrifluoroethane	ND	1.00	"							
Trichloroethene	ND	0.500	"							
Trichlorofluoromethane	ND	0.500	"							
Vinyl chloride	ND	1.00	"							
1,2-Dibromoethane	ND	1.00	"							
Surrogate: 4-Bromofluorobenzene	*9.24*		"	*10.0*		*92.4*	*70-130*			

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Blaine Tech Services (Shell)	Project: 29 Wildwood Ave	
1680 Rogers Avenue	Project Number: 29 Wildwood Ave	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	11/30/00 07:38

Volatile Organic Compounds by EPA Method 8021B - Quality Control
Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0K09021 - EPA 5030B [P/T]										
Blank (0K09021-BLK3)				Prepared: 11/09/00 Analyzed: 11/13/00						
Bromodichloromethane	ND	0.500	ug/l							
Bromoform	ND	0.500	"							
Bromomethane	ND	1.00	"							
Carbon tetrachloride	ND	0.500	"							
Chlorobenzene	ND	0.500	"							
Chloroethane	ND	1.00	"							
Chloroform	ND	0.500	"							
Chloromethane	ND	1.00	"							
Dibromochloromethane	ND	0.500	"							
1,3-Dichlorobenzene	ND	0.500	"							
1,4-Dichlorobenzene	ND	0.500	"							
1,2-Dichlorobenzene	ND	0.500	"							
1,1-Dichloroethane	ND	0.500	"							
1,2-Dichloroethane	ND	0.500	"							
1,1-Dichloroethene	ND	0.500	"							
cis-1,2-Dichloroethene	ND	0.500	"							
trans-1,2-Dichloroethene	ND	0.500	"							
1,2-Dichloropropane	ND	0.500	"							
cis-1,3-Dichloropropene	ND	0.500	"							
trans-1,3-Dichloropropene	ND	0.500	"							
Methylene chloride	ND	5.00	"							
1,1,2,2-Tetrachloroethane	ND	0.500	"							
Tetrachloroethene	ND	0.500	"							
1,1,1-Trichloroethane	ND	0.500	"							
1,1,2-Trichloroethane	ND	0.500	"							
1,1,2-Trichlorotrifluoroethane	ND	1.00	"							
Trichloroethene	ND	0.500	"							
Trichlorofluoromethane	ND	0.500	"							
Vinyl chloride	ND	1.00	"							
1,2-Dibromoethane	ND	1.00	"							
Surrogate: 4-Bromofluorobenzene	*9.06*		"	*10.0*		*90.6*	*70-130*			

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Blaine Tech Services (Shell)	Project: 29 Wildwood Ave	
1680 Rogers Avenue	Project Number: 29 Wildwood Ave	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	11/30/00 07:38

Volatile Organic Compounds by EPA Method 8021B - Quality Control

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0K09021 - EPA 5030B [P/T]										
LCS (0K09021-BS1)				Prepared & Analyzed: 11/09/00						
Chlorobenzene	12.3	0.500	ug/l	12.5		98.4	70-130			
1,1-Dichloroethene	12.4	0.500	"	12.5		99.2	65-135			
Trichloroethene	13.6	0.500	"	12.5		109	70-130			
Surrogate: 4-Bromofluorobenzene	*7.95*		"	*10.0*		*79.5*	*70-130*			
LCS (0K09021-BS2)				Prepared: 11/09/00		Analyzed: 11/10/00				
Chlorobenzene	10.6	0.500	ug/l	12.5		84.8	70-130			
1,1-Dichloroethene	11.8	0.500	"	12.5		94.4	65-135			
Trichloroethene	12.7	0.500	"	12.5		102	70-130			
Surrogate: 4-Bromofluorobenzene	*11.0*		"	*10.0*		*110*	*70-130*			
LCS (0K09021-BS3)				Prepared: 11/09/00		Analyzed: 11/13/00				
Chlorobenzene	10.7	0.500	ug/l	12.5		85.6	70-130			
1,1-Dichloroethene	11.2	0.500	"	12.5		89.6	65-135			
Trichloroethene	11.3	0.500	"	12.5		90.4	70-130			
Surrogate: 4-Bromofluorobenzene	*10.1*		"	*10.0*		*101*	*70-130*			
Matrix Spike (0K09021-MS1)		**Source: MJK0109-01**		Prepared: 11/09/00		Analyzed: 11/10/00				
Chlorobenzene	8.77	0.500	ug/l	12.5	ND	70.2	60-140			
1,1-Dichloroethene	8.97	0.500	"	12.5	ND	71.8	60-140			
Trichloroethene	11.2	0.500	"	12.5	ND	89.6	60-140			
Surrogate: 4-Bromofluorobenzene	*9.35*		"	*10.0*		*93.5*	*70-130*			
Matrix Spike Dup (0K09021-MSD1)		**Source: MJK0109-01**		Prepared: 11/09/00		Analyzed: 11/11/00				
Chlorobenzene	9.15	0.500	ug/l	12.5	ND	73.2	60-140	4.24	25	
1,1-Dichloroethene	8.99	0.500	"	12.5	ND	71.9	60-140	0.223	25	
Trichloroethene	11.4	0.500	"	12.5	ND	91.2	60-140	1.77	25	
Surrogate: 4-Bromofluorobenzene	*9.40*		"	*10.0*		*94.0*	*70-130*			

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Blaine Tech Services (Shell)	Project: 29 Wildwood Ave	
1680 Rogers Avenue	Project Number: 29 Wildwood Ave	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	11/30/00 07:38

Notes and Definitions

P-01	Chromatogram Pattern: Gasoline C6-C12
P-03	Chromatogram Pattern: Unidentified Hydrocarbons C6-C12
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
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 CUSTODY: 001030-S1
CLIENT: Equiva - Karen Petryna
SITE: 29 Wildwood Avenue
Piedmont, CA

LAB: Sequoia
DHS #:
ALL ANALYSES MUST MEET SPECIFICATIONS AND DETECTION LIMITS SET BY CALIFORNIA DHS AND
☐ EPA ☐ RWQCB REGION ____
☐ LIA
☐ OTHER

MJK0124

SPECIAL INSTRUCTIONS

Send invoice to Equiva
Incident # 98995822
Send report to Blaine Tech Services, Inc.
ATTN: ~~Ann Pember~~ Nick Sudano

CONDUCT ANALYSIS TO DETECT

SAMPLE I.D.	DATE	TIME	MATRIX (S= SOIL W=H_2O)	CONTAINERS TOTAL		C = COMPOSITE ALL CONTAINERS	TPH - gas, BTEX	MTBE by 8020	MTBE by 8260	TPH - diesel	Oxygenates by 8260	EPA - 8010		ADD'L INFORMATION	STATUS	CONDITION	LAB SAMPLE #
MW-1	10/30/00	1107	W	6	01		X	X				X					
MW-2	↓	1203	W	6	02		X	X				X		"	Confirm Highest MTBE		
MW-3		1220	W	6	03		X	X				X			Hit By	8260."	
MW-4		1142	W	6	04		X	X				X					
MW-5	↓	1125	W	6	05		X	X				X					

SAMPLING COMPLETED: DATE 10/20/00 TIME 1220
SAMPLING PERFORMED BY: [signature]
RESULTS NEEDED NO LATER THAN:

RELEASED BY	DATE	TIME	RECEIVED BY	DATE	TIME
[signature]	10/31/00	8:10	[signature]	10/31/00	810
[signature]	10/31/00		Tomas Moyete (MH)	10/31/00	1340 pm

SHIPPED VIA:
DATE SENT:
TIME SENT:
COOLER #:

WELL GAUGING DATA

Project # 020130-5C Date 10/30/00 Client Equiva 204.6001.0109

Site 27 Wildwood Ave. Piedmont, 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"			(ORC's)		2.19	13.13	TOC	
MW-2	4			(ORC's)		2.35	11.99		
MW-3	4			(ORC's)		3.40	9.01		
MW-4	4			(Skimmer)		3.33	12.80		
MW-5	4			(Skimmer)		3.25	16.01		
			Note: "All wells were gauged with ORC's in them."						

EQUIVA WELL MONITORING DATA SHEET

BTS #: 001030-S1	Site: 204-6001-0109
Sampler: Steph	Date: 10/30/00
Well I.D.: MW-1	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth: 13.13	Depth to Water: 2.19
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: ____

7.1 (Gals.) X 3 = 21.33 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
1100	64.9	6.7	956.3	7200	7.11	Turbid
1101	65.9	6.8	844.6	7200	14.22	"
1102	66.0	6.8	832.3	7200	21.33	"

Did well dewater? Yes (No) Gallons actually evacuated: 22

Sampling Time: 1107 Sampling Date: 10/30/00

Sample I.D.: MW-1 Laboratory: (Sequoia) Columbia Other ____

Analyzed for: (TPH-G BTEX MTBE) TPH-D Other: EPA 8015

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

EQUIVA WELL MONITORING DATA SHEET

BTS #: 001020-SL	Site: #204.6001.0109
Sampler: SGL	Date: 12/30/00
Well I.D.: MW-2	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth: 11.99	Depth to Water: 2.25
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: ____

6.27 (Gals.) X 3 = 18.80 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
1155	68.7	7.4	9903	7200	6.50	Turbid
1156	68.8	7.1	936.3	7200	13.00	"
1157	68.3	7.1	857.5	7200	19.00	"

Did well dewater? Yes (No) Gallons actually evacuated: 19.00

Sampling Time: 1203 Sampling Date: 12/30/00

Sample I.D.: MW-2 Laboratory: (Sequoia) Columbia Other ____

Analyzed for: ~~TPH-G~~ (BTEX MTBE) TPH-D Other: EDA 8010

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

EQUIVA WELL MONITORING DATA SHEET

BTS #: 001030-S1	Site: # 304-6001-0109
Sampler: Stgh	Date: 10/30/00
Well I.D.: MW-3	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: 9.01	Depth to Water: 3.40
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: ___

3.64 (Gals.) X 3 = 10.94 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
1213	68.1	7.3	1102	7200	3.64	Turbid / odor
1214	69.2	7.2	1116	7200	7.28	"
1215	69.3	7.2	1095	>200	10.94	"

Did well dewater? Yes (No)	Gallons actually evacuated: 11
Sampling Time: 1220	Sampling Date: 10/30/00
Sample I.D.: MW-3	Laboratory: (Sequoia) Columbia Other ___
Analyzed for: ~~TPH-G BTEX~~ MTBE TPH-D	Other: EPA-8010
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): 3.1 mg/L
O.R.P. (if req'd): Pre-purge: mV	Post-purge: mV

EQUIVA WELL MONITORING DATA SHEET

BTS #: 001030-S1	Site: 204-6001-0109
Sampler: Stype	Date: 10/30/00
Well I.D.: MW-4	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth: 12.80	Depth to Water: 3.33
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: ____

6.15 (Gals.) X 3 = 18.46 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
1135	67.5	7.0	548.1	27	6.15	clear
1138	67.9	6.9	520.1	13	12.30	"
1137	68.0	6.9	517.2	9	18.46	"
.				(Emptied Skimmer - 500 mL - H_2O)		

Did well dewater? Yes (No)	Gallons actually evacuated: 19
Sampling Time: 1142	Sampling Date: 10/30/00
Sample I.D.: MW-4	Laboratory: (Sequoia) Columbia Other____
Analyzed for: (TPH-G BTEX MTBE) TPH-D	Other: EPA 8010
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): 3.0 mg/L
O.R.P. (if req'd): Pre-purge: mV	Post-purge: mV

EQUIVA WELL MONITORING DATA SHEET

BTS #: 001080-51	Site: # 204-6001-0109
Sampler: Steve	Date: 10/30/00
Well I.D.: MW-5	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: 16.01	Depth to Water: 3.25
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: _____

8.29 (Gals.) X 3 = 24.88 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
1118	67.2	7.0	738.2	54	750	clear
1119	68.6	7.0	783.6	43	17.00	"
1120	68.8	7.0	782.3	13	25.00	"
				Emptied Skid -500 mL - H²O		

Did well dewater? Yes (No) Gallons actually evacuated: 25

Sampling Time: 1125 Sampling Date: 10/30/00

Sample I.D.: MW-5 Laboratory: (Sequoia) Columbia Other _____

Analyzed for: TPH-G (BTEX) MTBE TPH-D Other: EDA 8010

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