

C A M B R I A

July 20, 2001

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

Re: **Second Quarter 2001 Monitoring Report**
Shell-branded Service Station
5251 Hopyard Road
Pleasanton, California
Incident #98995843
Cambria Project #243-0699-002

JUL 25 2001



Dear Mr. Seery:

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.

SECOND 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.

Although efforts were made by Cambria to coordinate groundwater monitoring with the adjacent Chevron service station, Chevron's consultant (Gettler-Ryan, Inc.) chose not to coordinate sampling of the two sites.

ANTICIPATED FUTURE ACTIVITIES

Groundwater Monitoring: The next sampling event is scheduled for the second quarter of 2002. At that time, Blaine will 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

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

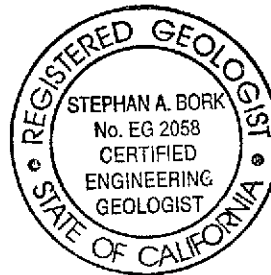


Figure: 1 - Groundwater Elevation Contour Map

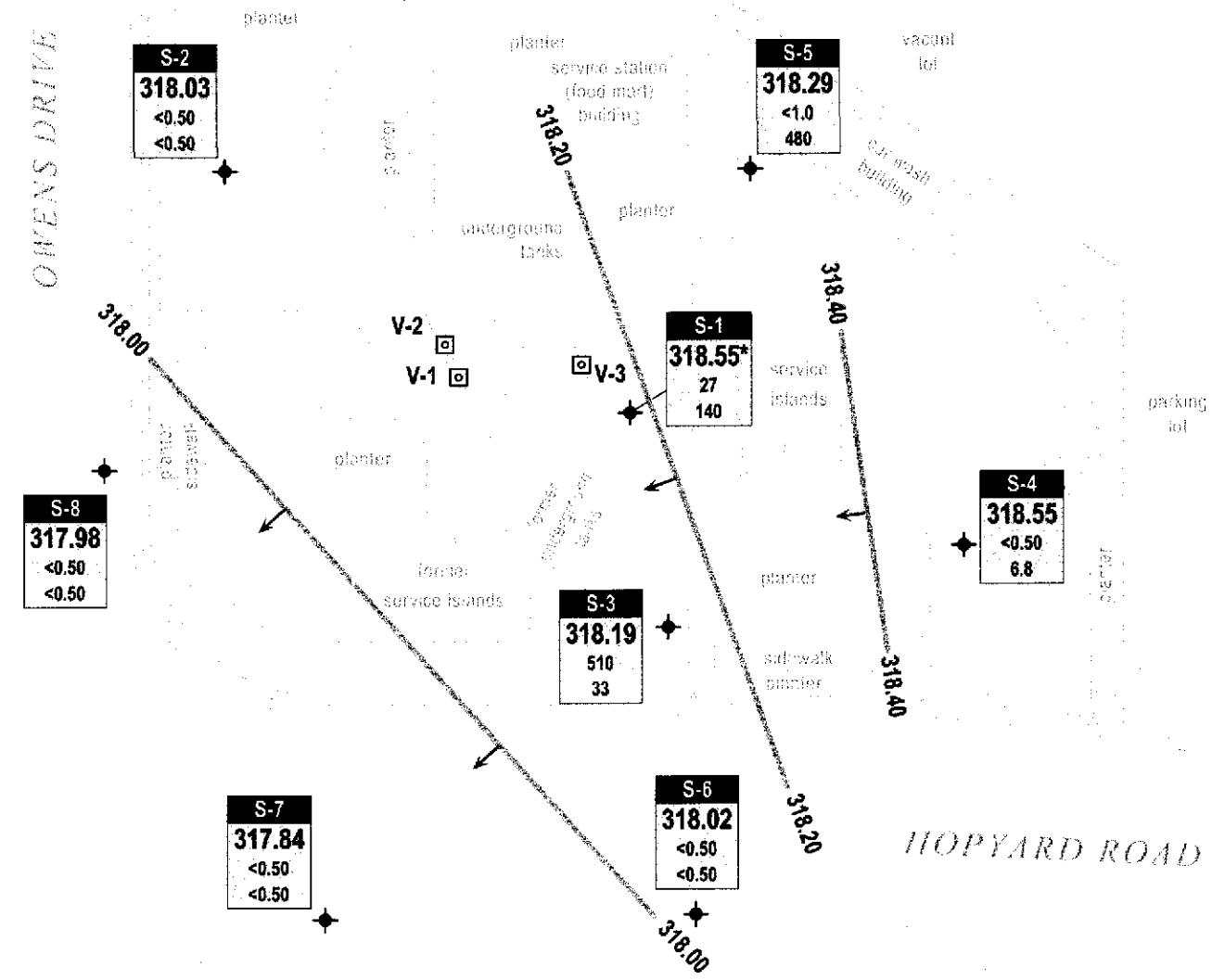
Attachment: A - Blaine Groundwater Monitoring Report and Field Notes

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

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OWENS DRIVE

HOPYARD ROAD



EXPLANATION

- S-1 ◆ Monitoring well location
- V-1 □ Soil vapor monitoring well location
- * Data anomalous, not used for contouring
- Groundwater flow direction
- XX.XX Groundwater elevation contour, in feet above mean sea level (msl), approximately located; dashed where inferred

Well	Well designation
ELEV	Groundwater elevation, in feet above msl
Benzene	Benzene and MTBE concentrations are in parts per billion and are analyzed by EPA Method 8260
MTBE	

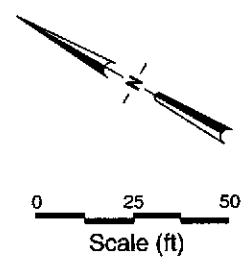


FIGURE 1

G:\PLEASANTON\851\HOPYARD\FIGURES\EGM01.MPAI

Base map from GeoStrategies Inc.

Shell-branded Service Station

5251 Hopyard Road
Pleasanton, California
Incident #98995843



C A M B R I A

Groundwater Elevation Contour Map

May 30, 2001

ATTACHMENT A
Blaine Groundwater Monitoring Report
and Field Notes

BLAINE
TECH SERVICES, INC.



1680 ROGERS AVENUE
SAN JOSE, CA 95112-1105
(408) 573-7771 FAX
(408) 573-0555 PHONE
CONTRACTOR'S LICENSE #746684
www.blainetech.com

June 29, 2001

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

Second Quarter 2001 Groundwater Monitoring at
Shell-branded Service Station
5251 Hopyard Road
Pleasanton, CA

Monitoring performed on May 30, 2001

Groundwater Monitoring Report **010530-M-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, appropriate calculated purge volume (if applicable), elapsed evacuation time (if applicable), total volume of water removed (if applicable), and standard water parameter instrument readings. Sample material is collected, contained, stored, and transported to the laboratory in conformance with EPA standards. Purgewater (if applicable) is, likewise, collected and transported to the Martinez Refining Company.

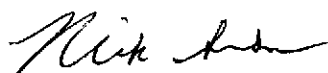
Basic field information is presented alongside analytical values excerpted from the laboratory report in the cumulative table of **WELL CONCENTRATIONS**. The full analytical report for the most recent samples and the field data sheets are attached to this report.

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

Blaine Tech Services, Inc. conducts sampling and documentation assignments of this type as an independent third party. Our activities at this site consisted of objective data and sample collection only. No interpretation of analytical results, defining of hydrological conditions or formulation of recommendations was performed.

Please call if you have any questions.

Yours truly,



Nick Sudano
Project Coordinator

NS/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
5251 Hopyard Road
Pleasanton, CA
Wic #204-6138-0907

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOB (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
S-1	01/25/1991	2,500	1,500	460	<25	130	36	NA	NA	326.73	NA	NA	NA
S-1	04/06/1991	6,700	2,600a	2,600	14	580	250	NA	NA	326.73	NA	NA	NA
S-1	07/24/1991	8,800	3,800a	2,300	30	640	220	NA	NA	326.73	NA	NA	NA
S-1	10/18/1991	12,000	3,300a	3,600	380	990	580	NA	NA	326.73	8.85	317.88	NA
S-1	01/23/1992	1,600	890	450	3	120	17	NA	NA	326.73	NA	NA	NA
S-1	04/27/1992	1,100g	500a	610	<10	110	10	NA	NA	326.73	NA	NA	NA
S-1	07/21/1992	5,100	290c	1,900	54	460	140	NA	NA	326.73	NA	NA	NA
S-1	10/16/1992	13,000	390c	3,200	310	780	360	NA	NA	326.73	NA	NA	NA
S-1	01/23/1993	2,300	30d	640	<5	110	13	NA	NA	326.73	7.96	318.77	NA
S-1	04/28/1993	4,600	390	780	<0.5	250	<0.5	NA	NA	326.73	9.07	317.66	NA
S-1	09/22/1993	3,000	610a	660	28	160	17	NA	NA	326.73	8.68	318.05	NA
S-1	12/08/1993	520	280	210	<2.5	49	<2.5	NA	NA	326.73	8.23	318.50	NA
S-1	03/04/1994	640	NA	190	1.4	18	1.3	NA	NA	326.73	8.81	317.92	NA
S-1 (D)	03/04/1994	640	NA	180	1.7	17	1.3	NA	NA	326.73	8.81	317.92	NA
S-1	06/16/1994	2,500	NA	390	9.5	31	7.5	NA	NA	326.73	8.80	317.93	NA
S-1 (D)	06/16/1994	2,000	NA	410	7.8	120	20	NA	NA	326.73	8.80	317.93	NA
S-1	09/13/1994	1,400	NA	310	7.7	29	8.5	NA	NA	326.73	8.62	318.11	NA
S-1 (D)	09/13/1994	1,400	NA	240	7.9	44	6.3	NA	NA	326.73	8.62	318.11	NA
S-1	05/05/1995	800	NA	120	3.6	26	2.7	NA	NA	326.73	11.54	315.19	NA
S-1 (D)	05/05/1995	710	NA	110	3.4	19	2.7	NA	NA	326.73	11.54	315.19	NA
S-1	05/21/1996	1,500	NA	170	8.5	120	6.7	NA	NA	326.73	8.88	317.85	NA
S-1	05/12/1997	4,700	NA	200	15	210	20	2,300	NA	326.73	11.19	315.54	2.4
S-1 (D)	05/12/1997	4,800	NA	210	16	190	16	3,200	2,900	326.73	11.19	315.54	2.4
S-1	05/08/1998	500	NA	18	2.1	2.3	2	1,000	NA	326.73	8.38	318.35	2.1
S-1	06/27/1999	2,970	NA	117	32.0	69.1	17.5	374	NA	326.73	8.79	317.94	2.4
S-1	04/28/2000	1,920	NA	50.5	15.0	67.2	46.7	276	NA	326.73	8.50	318.23	2.8

WELL CONCENTRATIONS
Shell-branded Service Station
5251 Hopyard Road
Pleasanton, CA
Wic #204-6138-0907

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOB (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
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S-1	05/30/2001	3,900	NA	27	12	140	28	NA	140	326.73	8.18	318.55	2.6
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S-2	01/25/1991	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	326.59	NA	NA	NA
S-2	04/16/1991	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	326.59	NA	NA	NA
S-2	07/24/1991	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	326.59	NA	NA	NA
S-2	10/18/1991	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	326.59	8.83	317.76	NA
S-2	01/23/1992	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	326.59	NA	NA	NA
S-2	04/27/1992	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	326.59	NA	NA	NA
S-2	07/17/1992	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	326.59	NA	NA	NA
S-2	10/16/1992	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	326.59	NA	NA	NA
S-2	01/23/1993	<50	140b	<0.5	<0.5	<0.5	<0.5	NA	NA	326.59	8.10	318.49	NA
S-2	04/28/1993	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	326.59	9.06	317.53	NA
S-2	09/22/1993	NA	NA	NA	NA	NA	NA	NA	NA	326.59	8.91	317.68	NA
S-2	12/08/1993	NA	NA	NA	NA	NA	NA	NA	NA	326.59	9.07	317.52	NA
S-2	03/04/1994	NA	NA	NA	NA	NA	NA	NA	NA	326.59	8.90	317.69	NA
S-2	06/16/1994	NA	NA	NA	NA	NA	NA	NA	NA	326.59	8.98	317.61	NA
S-2	09/13/1994	<50	NA	<0.5	2.5	<0.5	<0.5	NA	NA	326.59	8.78	317.81	NA
S-2	05/05/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	326.59	8.60	317.99	NA
S-2	05/21/1996	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	326.59	8.75	317.84	NA
S-2	05/12/1997	<50	NA	<0.5	<0.5	<0.5	<0.5	<2.5	NA	326.59	8.72	317.87	3.4
S-2	05/08/1998	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	326.59	8.63	317.96	3.1
S-2	06/27/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.00	NA	326.59	8.79	317.80	2.6
S-2	04/28/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	326.59	8.33	318.26	2.0
S-2	05/30/2001	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<0.50	326.59	8.56	318.03	1.8

S-3	01/25/1991	870	330	230	<2.5	130	<2.5	NA	NA	327.38	NA	NA	NA
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Pleasanton, CA
Wic #204-6138-0907

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOB (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
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S-3	04/16/1991	190	140a	12	0.8	6.2	1.5	NA	NA	327.38	NA	NA	NA
S-3	07/24/1991	1,700	1,200a	450	4.4	150	2.9	NA	NA	327.38	NA	NA	NA
S-3	10/18/1991	1,900	500	370	3.1	120	220	NA	NA	327.38	9.64	317.74	NA
S-3	01/23/1992	2,000	650a	580	3	200	<0.5	NA	NA	327.38	NA	NA	NA
S-3	04/27/1992	1,100	230a	150	<3	76	14	NA	NA	327.38	NA	NA	NA
S-3	07/17/1992	810	58	200	<2.5	57	3.8	NA	NA	327.38	NA	NA	NA
S-3	10/16/1992	440	190c	79	1.8	18	4.6	NA	NA	327.38	NA	NA	NA
S-3	01/23/1993	670	170d	79	1.5	46	15	NA	NA	327.38	8.81	318.57	NA
S-3	04/28/1993	2,000	<50	300	3.4	210	38	NA	NA	327.38	9.87	317.51	NA
S-3	09/22/1993	4,800	670a	2,000	34	150	51	NA	NA	327.38	9.65	317.73	NA
S-3	12/08/1993	1,200	11	440	<5.0	120	29	NA	NA	327.38	9.26	318.12	NA
S-3	03/04/1994	630	NA	130	<0.5	17	0.8	NA	NA	327.38	9.64	317.74	NA
S-3	06/16/1994	1,800	NA	430	19	35	21	NA	NA	327.38	9.78	317.60	NA
S-3	05/05/1995	160	NA	50	0.9	7.2	4.1	NA	NA	327.38	9.38	318.00	NA
S-3	05/21/1996	270	NA	45	<0.5	1.4	<0.5	NA	NA	327.38	9.41	317.97	NA
S-3 (D)	05/21/1996	210	NA	<0.5	<0.5	0.95	<0.5	NA	NA	327.38	9.41	317.97	NA
S-3	05/12/1997	420	NA	<1.0	<1.0	<1.0	<1.0	57	NA	327.38	9.30	318.08	2.5
S-3	05/08/1998	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	327.38	9.12	318.26	2.2
S-3	06/27/1999	106	NA	8.51	<0.500	<0.500	<0.500	31.0	NA	327.38	9.39	317.99	2.1
S-3	04/28/2000	139	NA	7.58	<0.500	<0.500	<0.500	42.6	NA	327.38	9.04	318.34	1.8
S-3	05/30/2001	2,200	NA	510	6.9	100	21	NA	33	327.38	9.19	318.19	2.0

S-4	01/25/1991	<50	<50	<0.5	1.5	<0.5	2.8	NA	NA	327.38	NA	NA	NA
S-4	04/16/1991	<50	0.7	<0.5	<0.5	<0.5	<0.5	NA	NA	327.38	NA	NA	NA
S-4	07/24/1991	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	327.38	NA	NA	NA
S-4	10/18/1991	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	327.38	8.82	318.56	NA

WELL CONCENTRATIONS
Shell-branded Service Station
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Pleasanton, CA
Wic #204-6138-0907

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOB (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
S-4	01/23/1992	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	327.38	NA	NA	NA
S-4	04/27/1992	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	327.38	NA	NA	NA
S-4	07/17/1992	<500	74	<0.5	<0.5	<0.5	<0.5	NA	NA	327.38	NA	NA	NA
S-4	10/16/1992	<500	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	327.38	NA	NA	NA
S-4	01/23/1993	<500	94b	<0.5	<0.5	<0.5	<0.5	NA	NA	327.38	8.32	319.06	NA
S-4	04/28/1993	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	327.38	9.76	317.62	NA
S-4	09/22/1993	NA	NA	NA	NA	NA	NA	NA	NA	327.38	9.30	318.08	NA
S-4	12/08/1993	NA	NA	NA	NA	NA	NA	NA	NA	327.38	9.74	317.64	NA
S-4	03/04/1994	NA	NA	NA	NA	NA	NA	NA	NA	327.38	9.60	317.78	NA
S-4	06/16/1994	NA	NA	NA	NA	NA	NA	NA	NA	327.38	9.42	317.96	NA
S-4	05/05/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	327.38	9.02	318.36	NA
S-4	05/21/1996	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	327.38	9.29	318.09	NA
S-4	05/12/1997	<50	NA	<0.50	<0.50	<0.50	<0.50	140	NA	327.38	7.95	319.43	2.5
S-4	05/08/1998	<50	NA	<0.50	<0.50	<0.50	<0.50	250	NA	327.38	8.96	318.42	2.0
S-4	06/27/1999	303	NA	35.8	24.8	12.4	69.8	106	NA	327.38	8.90	318.48	2.6
S-4	04/28/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	40.2	NA	327.38	8.37	319.01	1.9
S-4	05/30/2001	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	6.8	327.38	8.83	318.55	1.8
S-5	01/25/1991	<50	<50	<0.5	<0.5	<0.5	0.7	NA	NA	327.76	NA	NA	NA
S-5	04/16/1991	<50	<50	<0.5	<0.5	<0.5	0.8	NA	NA	327.76	NA	NA	NA
S-5	07/24/1991	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	327.76	NA	NA	NA
S-5	10/18/1991	120e	<50	4.3	<0.5	1	0.7	NA	NA	327.76	10.00	317.76	NA
S-5	01/23/1992	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	327.76	NA	NA	NA
S-5	04/27/1992	50	<50	<0.5	<0.5	<0.5	0.6	NA	NA	327.76	NA	NA	NA
S-5	07/17/1992	<50	70	<0.5	<0.5	<0.5	<0.5	NA	NA	327.76	NA	NA	NA
S-5	10/16/1992	230	57	13	<0.5	4.9	4.3	NA	NA	327.76	NA	NA	NA

WELL CONCENTRATIONS
Shell-branded Service Station
5251 Hopyard Road
Pleasanton, CA
Wic #204-6138-0907

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOB (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
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S-5	01/23/1993	<50	150b	<0.5	<0.5	<0.5	<0.5	NA	NA	327.76	8.88	318.88	NA
S-5	04/28/1993	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	327.76	10.20	317.56	NA
S-5	09/22/1993	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	327.76	9.92	317.84	NA
S-5	12/08/1993	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	327.76	10.19	317.57	NA
S-5	03/04/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	327.76	9.95	317.81	NA
S-5	06/16/1994	<50	NA	0.9	<0.5	<0.5	<0.5	NA	NA	327.76	10.02	317.74	NA
S-5	05/05/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	327.76	9.58	318.18	NA
S-5	05/21/1996	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	327.76	9.84	317.92	NA
S-5	05/12/1997	360	NA	3.3	<0.50	17	9.8	130	NA	327.76	9.16	318.60	4.2
S-5	05/08/1998	<50	NA	<0.50	<0.50	<0.50	<0.50	92	NA	327.76	9.25	318.51	3.8
S-5 (D)	05/08/1998	<50	NA	<0.50	<0.50	<0.50	<0.50	100	NA	327.76	9.25	318.51	3.8
S-5	06/27/1999	223	NA	13.7	12.9	8.20	45.8	106	NA	327.76	9.39	318.37	3.0
S-5	04/28/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	255	NA	327.76	9.43	318.33	1.2
S-5	05/30/2001	<100	NA	<1.0	<1.0	<1.0	<1.0	NA	480	327.76	9.47	318.29	1.1

S-6	01/25/1991	<50	<50	<0.5	1.7	<0.5	2.8	NA	NA	326.56	NA	NA	NA
S-6	04/16/1991	<50	<50	<0.5	<0.5	<0.5	0.6	NA	NA	326.56	NA	NA	NA
S-6	07/24/1991	<50	<50	<0.5	<0.5	<0.5	0.5	NA	NA	326.56	NA	NA	NA
S-6	10/18/1991	<50	<50	<0.5	<0.5	<0.5	0.5	NA	NA	326.56	8.84	317.22	NA
S-6	01/23/1992	<50	<50	<0.5	<0.5	<0.5	0.5	NA	NA	326.56	NA	NA	NA
S-6	04/27/1992	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	326.56	NA	NA	NA
S-6	07/17/1992	400	130	<0.5	<0.5	<0.5	<0.5	NA	NA	326.56	NA	NA	NA
S-6	10/16/1992	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	326.56	NA	NA	NA
S-6	01/23/1993	<50	230b	<0.5	<0.5	<0.5	<0.5	NA	NA	326.56	7.82	318.74	NA
S-6	04/28/1993	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	326.56	9.00	317.56	NA
S-6	09/22/1993	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	326.56	8.61	317.96	NA

WELL CONCENTRATIONS
Shell-branded Service Station
5251 Hopyard Road
Pleasanton, CA
Wic #204-6138-0907

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOB (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
S-6	12/08/1993	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	326.56	10.02	316.54	NA
S-6	03/04/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	326.56	8.88	317.68	NA
S-6	06/16/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	326.56	9.04	317.52	NA
S-6	05/05/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	326.56	8.54	318.02	NA
S-6	05/21/1996	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	326.56	8.62	317.94	NA
S-6	05/12/1997	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	326.56	8.60	317.96	2.6
S-6	05/08/1998	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	326.56	7.90	318.66	2.2
S-6	06/27/1999	430	NA	50.1	30.5	15.2	83.5	8.05	NA	326.56	8.01	318.55	2.3
S-6	04/28/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	326.56	8.84	317.72	2.0
S-6	05/30/2001	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<0.50	326.56	8.54	318.02	1.9
S-7	01/25/1991	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	326.49	NA	NA	NA
S-7	04/16/1991	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	326.49	NA	NA	NA
S-7	07/24/1991	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	326.49	NA	NA	NA
S-7	10/18/1991	<50	140f	<0.5	<0.5	<0.5	<0.5	NA	NA	326.49	8.92	317.57	NA
S-7	01/23/1992	<50	140f	<0.5	<0.5	<0.5	<0.5	NA	NA	326.49	NA	NA	NA
S-7	04/27/1992	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	326.49	NA	NA	NA
S-7	07/17/1992	<50	<50	<0.5	1.8	0.6	4.1	NA	NA	326.49	NA	NA	NA
S-7	10/16/1992	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	326.49	NA	NA	NA
S-7	01/23/1993	<50	110b	<0.5	<0.5	<0.5	<0.5	NA	NA	326.49	8.06	318.43	NA
S-7	04/28/1993	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	326.49	8.94	317.55	NA
S-7	09/22/1993	NA	NA	NA	NA	NA	NA	NA	NA	326.49	8.57	317.92	NA
S-7	12/08/1993	NA	NA	NA	NA	NA	NA	NA	NA	326.49	9.00	317.49	NA
S-7	03/04/1994	NA	NA	NA	NA	NA	NA	NA	NA	326.49	8.96	317.53	NA
S-7	06/16/1994	NA	NA	NA	NA	NA	NA	NA	NA	326.49	9.12	317.37	NA
S-7	05/05/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	326.49	8.58	317.91	NA

WELL CONCENTRATIONS
Shell-branded Service Station
5251 Hopyard Road
Pleasanton, CA
Wic #204-6138-0907

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOB (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
S-7	05/21/1996	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	326.49	8.64	317.85	NA
S-7	05/12/1997	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	326.49	8.74	317.75	2.3
S-7	05/08/1998	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	326.49	8.00	318.49	2.5
S-7	06/27/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.00	NA	326.49	8.75	317.74	2.9
S-7	04/28/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	326.49	8.96	317.53	2.2
S-7	05/30/2001	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<0.50	326.49	8.65	317.84	2.0
S-8	01/25/1991	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	325.32	NA	NA	NA
S-8	04/16/1991	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	325.32	NA	NA	NA
S-8	07/24/1991	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	325.32	NA	NA	NA
S-8	10/18/1991	<50	360f	<0.5	<0.5	<0.5	<0.5	NA	NA	325.32	7.62	317.70	NA
S-8	01/23/1992	<50	90	<0.5	<0.5	<0.5	<0.5	NA	NA	325.32	NA	NA	NA
S-8	04/27/1992	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	325.32	NA	NA	NA
S-8	07/17/1992	53	<50	<0.5	1	<0.5	1.8	NA	NA	325.32	NA	NA	NA
S-8	10/16/1992	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	325.32	NA	NA	NA
S-8	01/23/1993	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	325.32	7.00	318.32	NA
S-8	04/28/1993	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	325.32	7.77	317.55	NA
S-8	09/22/1993	<50	160	<0.5	<0.5	<0.5	<0.5	NA	NA	325.32	7.67	317.65	NA
S-8	12/08/1993	<50	210	<0.5	<0.5	<0.5	<0.5	NA	NA	325.32	7.76	317.56	NA
S-8	03/04/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	325.32	7.66	317.66	NA
S-8	06/16/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	325.32	7.78	317.54	NA
S-8	05/05/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	325.32	7.42	317.90	NA
S-8	05/21/1996	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	325.32	7.50	317.82	NA
S-8	05/12/1997	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	325.32	7.56	317.76	1.6
S-8	05/08/1998	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	325.32	7.64	317.68	2.0
S-8	06/27/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.00	NA	325.32	7.75	317.57	2.3

WELL CONCENTRATIONS
Shell-branded Service Station
5251 Hopyard Road
Pleasanton, CA
Wic #204-6138-0907

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOB (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
S-8	04/28/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	325.32	8.02	317.30	1.8
S-8	05/30/2001	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<0.50	325.32	7.34	317.98	1.8

Abbreviations:

TPPH = Total petroleum hydrocarbons as gasoline by modified EPA Method 8260B; prior to May 30, 2001 analyzed by EPA Method 8015

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

BTEX = benzene, toluene, ethylbenzene, xylenes by EPA Method 8260B; prior to May 30, 2001, analyzed by EPA Method 8020

MTBE = methyl-tertiary-butyl ether

TOB = Top of Wellbox 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

WELL CONCENTRATIONS
Shell-branded Service Station
5251 Hopyard Road
Pleasanton, CA
Wic #204-6138-0907

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
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Notes:

- a = Compounds detected as TEPH appear to be the less volatile constituents of gasoline.
- b = The concentration reported as TEPH primarily due to the presence of a heavier petroleum product.
- c = The concentration reported as TEPH due to the presence of a lighter petroleum product.
- d = Concentrations reported as diesel includes a heavier petroleum product.
- e = Compounds detected within the chromatographic range of TEPH but not characteristic of the standard gasoline pattern.
- g = Compounds detected within the chromatographic range of TEPH but not characteristic of the standard diesel pattern.
- h = The chromatographic pattern of the purgeable hydrocarbons found in the sample is similar to the pattern of weathered gasoline.



Report Number : 20509

Date : 6/12/2001

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

Subject : 8 Water Samples
Project Name : 5251 Hopyard Road, Pleasanton
Project Number : 010530-M1
P.O. Number : 98995843

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,

A handwritten signature in black ink that reads "Joel Kiff". The signature is written in a cursive style with a large initial "J".

Joel Kiff



Report Number : 20509

Date : 6/12/2001

Project Name : 5251 Hopyard Road, Pleasanton

Project Number : 010530-M1

Sample : S-1

Matrix : Water

Lab Number : 20509-01

Sample Date :5/30/2001

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	27	1.0	ug/L	EPA 8260B	6/8/2001
Toluene	12	1.0	ug/L	EPA 8260B	6/8/2001
Ethylbenzene	140	1.0	ug/L	EPA 8260B	6/8/2001
Total Xylenes	28	1.0	ug/L	EPA 8260B	6/8/2001
Methyl-t-butyl ether (MTBE)	140	1.0	ug/L	EPA 8260B	6/8/2001
TPH as Gasoline	3900	100	ug/L	EPA 8260B	6/8/2001
Toluene - d8 (Surr)	99.5		% Recovery	EPA 8260B	6/8/2001
4-Bromofluorobenzene (Surr)	98.0		% Recovery	EPA 8260B	6/8/2001

Sample : S-2

Matrix : Water

Lab Number : 20509-02

Sample Date :5/30/2001

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	6/8/2001
Toluene	< 0.50	0.50	ug/L	EPA 8260B	6/8/2001
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	6/8/2001
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	6/8/2001
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	6/8/2001
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	6/8/2001
Toluene - d8 (Surr)	100		% Recovery	EPA 8260B	6/8/2001
4-Bromofluorobenzene (Surr)	98.0		% Recovery	EPA 8260B	6/8/2001

Approved By:  Joel Kiff



Report Number : 20509

Date : 6/12/2001

Project Name : 5251 Hopyard Road, Pleasanton

Project Number : 010530-M1

Sample : S-3

Matrix : Water

Lab Number : 20509-03

Sample Date :5/30/2001

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	510	2.5	ug/L	EPA 8260B	6/8/2001
Toluene	6.9	2.5	ug/L	EPA 8260B	6/8/2001
Ethylbenzene	100	2.5	ug/L	EPA 8260B	6/8/2001
Total Xylenes	21	2.5	ug/L	EPA 8260B	6/8/2001
Methyl-t-butyl ether (MTBE)	33	2.5	ug/L	EPA 8260B	6/8/2001
TPH as Gasoline	2200	250	ug/L	EPA 8260B	6/8/2001
Toluene - d8 (Surr)	100		% Recovery	EPA 8260B	6/8/2001
4-Bromofluorobenzene (Surr)	97.0		% Recovery	EPA 8260B	6/8/2001

Sample : S-4

Matrix : Water

Lab Number : 20509-04

Sample Date :5/30/2001

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	6/8/2001
Toluene	< 0.50	0.50	ug/L	EPA 8260B	6/8/2001
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	6/8/2001
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	6/8/2001
Methyl-t-butyl ether (MTBE)	6.8	0.50	ug/L	EPA 8260B	6/8/2001
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	6/8/2001
Toluene - d8 (Surr)	100		% Recovery	EPA 8260B	6/8/2001
4-Bromofluorobenzene (Surr)	98.2		% Recovery	EPA 8260B	6/8/2001

Approved By:  Joel Kiff



Report Number : 20509

Date : 6/12/2001

Project Name : 5251 Hopyard Road, Pleasanton

Project Number : 010530-M1

Sample : S-5

Matrix : Water

Lab Number : 20509-05

Sample Date :5/30/2001

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 1.0	1.0	ug/L	EPA 8260B	6/9/2001
Toluene	< 1.0	1.0	ug/L	EPA 8260B	6/9/2001
Ethylbenzene	< 1.0	1.0	ug/L	EPA 8260B	6/9/2001
Total Xylenes	< 1.0	1.0	ug/L	EPA 8260B	6/9/2001
Methyl-t-butyl ether (MTBE)	480	1.0	ug/L	EPA 8260B	6/9/2001
TPH as Gasoline	< 100	100	ug/L	EPA 8260B	6/9/2001
Toluene - d8 (Surr)	99.7		% Recovery	EPA 8260B	6/9/2001
4-Bromofluorobenzene (Surr)	100		% Recovery	EPA 8260B	6/9/2001

Sample : S-6

Matrix : Water

Lab Number : 20509-06

Sample Date :5/30/2001

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	6/8/2001
Toluene	< 0.50	0.50	ug/L	EPA 8260B	6/8/2001
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	6/8/2001
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	6/8/2001
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	6/8/2001
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	6/8/2001
Toluene - d8 (Surr)	100		% Recovery	EPA 8260B	6/8/2001
4-Bromofluorobenzene (Surr)	96.4		% Recovery	EPA 8260B	6/8/2001

Approved By:  Joel Kiff



Report Number : 20509

Date : 6/12/2001

Project Name : 5251 Hopyard Road, Pleasanton

Project Number : 010530-M1

Sample : S-7

Matrix : Water

Lab Number : 20509-07

Sample Date :5/30/2001

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	6/8/2001
Toluene	< 0.50	0.50	ug/L	EPA 8260B	6/8/2001
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	6/8/2001
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	6/8/2001
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	6/8/2001
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	6/8/2001
Toluene - d8 (Surr)	99.9		% Recovery	EPA 8260B	6/8/2001
4-Bromofluorobenzene (Surr)	96.3		% Recovery	EPA 8260B	6/8/2001

Sample : S-8

Matrix : Water

Lab Number : 20509-08

Sample Date :5/30/2001

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	6/8/2001
Toluene	< 0.50	0.50	ug/L	EPA 8260B	6/8/2001
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	6/8/2001
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	6/8/2001
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	6/8/2001
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	6/8/2001
Toluene - d8 (Surr)	101		% Recovery	EPA 8260B	6/8/2001
4-Bromofluorobenzene (Surr)	99.4		% Recovery	EPA 8260B	6/8/2001

Approved By:  Joel Kiff

Report Number : 20509

Date : 6/12/2001

Project Name : **5251 Hopyard Road,**

Project Number : **010530-M1**

20509 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	6/6/2001
Toluene	< 0.50	0.50	ug/L	EPA 8260B	6/6/2001
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	6/6/2001
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	6/6/2001
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	6/6/2001
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	6/6/2001
Toluene - d8 (Surr)	102		% Recovery	EPA 8260B	6/6/2001
4-Bromofluorobenzene (Surr)	101		% Recovery	EPA 8260B	6/6/2001

Approved By:  Joel Kiff

Report Number : 20509

Date : 6/12/2001

QC Report : Matrix Spike/ Matrix Spike Duplicate


Project Name : 5251 Hopyard Road,

Project Number : 010530-M1

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	20493-02	<0.50	24.0	24.4	25.0	25.3	ug/L	EPA 8260B	6/6/2001	104	103	0.828	70-130	25
Toluene	20493-02	<0.50	24.0	24.4	23.1	23.4	ug/L	EPA 8260B	6/6/2001	96.2	95.7	0.584	70-130	25
Tert-Butanol	20493-02	<5.0	24.0	24.4	30.1	29.3	ug/L	EPA 8260B	6/6/2001	126	120	4.66	70-130	25
Methyl-t-Butyl Ether	20493-02	<0.50	24.0	24.4	25.3	24.4	ug/L	EPA 8260B	6/6/2001	105	100	5.16	70-130	25

KIFF ANALYTICAL, LLC

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

Approved By:  _____
Joel Kiff

Report Number : 20509

Date : 6/12/2001

QC Report : Laboratory Control Sample (LCS)

Project Name : 5251 Hopyard Road,

Project Number : 010530-M1

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
Benzene	19.3	ug/L	EPA 8260B	6/6/2001	104	70-130
Toluene	19.3	ug/L	EPA 8260B	6/6/2001	98.4	70-130
Tert-Butanol	96.4	ug/L	EPA 8260B	6/6/2001	111	70-130
Methyl-t-Butyl Ether	19.3	ug/L	EPA 8260B	6/6/2001	103	70-130

KIFF ANALYTICAL, LLC

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

Approved By:  _____
Joel Kiff

LAB: KL11-1

EQUIVA Services LLC Chain Of Custody Record

Lab Identification (if necessary):

Address:

City, State, Zip:

Equiva Project Manager to be Invoiced:

- SCIENCE & ENGINEERING
- TECHNICAL SERVICES
- CRMT HOUSTON

Karen Petryna

20509

INCIDENT NUMBER (SEE ONLY)

9 8 9 9 5 8 4 3

SAP or CRMT NUMBER (TS/CRMT)

DATE: 5/30/01

PAGE: 1 of 1

blainetech.com
Blain Tech Services
 1600 Rogers Avenue
 San Jose, CA 95112
 TEL: 408-573-0555 FAX: 408-573-7771
 E-MAIL: nsudano@blainetech.com

SITE ADDRESS (Street and City):

5251 Hopyard Road, Pleasanton

CONSULTANT PROJECT NO

BTS # 010530-M1

Nick Sudano

SAMPLER NAME(S) (Print)

Matthew Miller

LAB USE ONLY

TURNAROUND TIME (BUSINESS DAYS):

- 1 DAY
- 5 DAYS
- 72 HOURS
- 48 HOURS
- 24 HOURS
- LESS THAN 24 HOURS

USE RWQCB REPORT FORMAT USE AGENCY:

USE MTBE CONFIRMATION: HIGHEST HIGHEST per BORING ALL

SPECIAL INSTRUCTIONS OR NOTES: TEMPERATURE ON RECEIPT C:

Confirm highest MTBE [] by 8260

REQUESTED ANALYSIS

LAB USE ONLY

Field Sample Identification

SAMPLING

MATRIX

NO. OF CONT.

LAB USE ONLY

DATE	TIME	MATRIX	NO. OF CONT.
5/30	1215	W	3
5/30	1056	W	3
5/30	1146	W	3
5/30	1128	W	3
5/30	1114	W	3
5/30	920	W	3
5/30	945	W	3
5/30	1010	W	3
			?

TPH - Gas, Purgeable (8015m)	STEX (8021B)	MTBE (8021B)	MTBE (8200B)	TPH - Diesel, Extractable (8015m)	Oxygenates (5) by (8200B)	Ethanol, Methanol	MTBE (8200B) Confirmation, See Note
X	X	X					X
X	X	X					X
X	X	X					X
X	X	X					X
X	X	X					X
X	X	X					X
X	X	X					X
X	X	X					X

FIELD NOTES:
Container/Preservative or PID Readings or Laboratory Notes

-01
-02
-03
-04
-05
-06
-07
-08

Received by (Signature) _____ Date: _____ Time: _____

Received by (Signature) _____ Date: _____ Time: _____

Received by (Signature) John C... / Kiff Analytical Date: 053101 Time: 1445

Relinquished by (Signature) Mark J...

Relinquished by (Signature) _____

Relinquished by (Signature) _____

WELL GAUGING DATA

Project # 010530-m1 Date 5/30/01 Client Equiva

Site 5251 ^{Hopyland} Pleasanton 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 <u>TOB</u> or TOC	
S-1	3					8.18	29.74	TOB	
S-2	3					8.56	24.23	}	
S-3	3					8.83 9.19	25.04		
S-4	3					8.83	24.42		
S-5	3					9.47	24.65		
S-6	3					8.54	26.24		
S-7	3					8.65	25.31		
S-8	3					7.34	25.33		✓
S-9									
S-10									

EQUIVA WELL MONITORING DATA SHEET

BTS #: 010530-M1	Site: 5251 Hayward Pleasanton
Sampler: MTM	Date: 5/30/01
Well I.D.: S-1	Well Diameter: 2 <u>3</u> 4 6 8
Total Well Depth: 29.74	Depth to Water: 8.18
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC <u>Grade</u>	D.O. Meter (if req'd): <u>YSI</u> HACH

Purge Method:

- Bailer
 Disposable Bailer
 Middleburg
 Electric Submersible
 Waterra
 Peristaltic
 Extraction Pump
 Other _____

Sampling Method:

- Bailer
 Disposable Bailer
 Extraction Port
 Dedicated Tubing
 Other: _____

$$8 \text{ (Gals.)} \times 3 = 24 \text{ Gals.}$$
 1 Case Volume Specified Volumes Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius ² * 0.163

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
1206	75.8	8.4	1563	>200	8	OK
1208	74.0	8.2	1552	129	16	"
1210	73.6	8.0	1556	109	24	"

Did well dewater? Yes No Gallons actually evacuated: 24

Sampling Time: 1215 Sampling Date: 5/30/01

Sample I.D.: S-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: 2.6 mg/L

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

EQUIVA WELL MONITORING DATA SHEET

BTS #: 010530-M1	Site: 5251 Heyward Pleasanton
Sampler: MTM	Date: 5/30/01
Well I.D.: S-2	Well Diameter: 2 (3) 4 6 8
Total Well Depth: 24.23	Depth to Water: 8.56
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC <u>Grade</u>	D.O. Meter (if req'd): <u>YSI</u> 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	(Gals.) X	3	=	18	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
1048	73.0	8.4	3652	>200	6	
1049	71.5	8.2	3353	>200	12	
1051	70.8	8.2	3435	199	18	

Did well dewater? Yes No Gallons actually evacuated: 18

Sampling Time: 1056 Sampling Date: 5/30/01

Sample I.D.: S-2 Laboratory: Sequoia Columbia Other KIFF

Analyzed for: TPH-G BTEX MTBE TPH-D Other:

EB I.D. (if applicable): @ _____ 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: 1.8 mg/L

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

EQUIVA WELL MONITORING DATA SHEET

BTS #: 010530-M1	Site: 5251 Hayward Pleasanton
Sampler: MTM	Date: 5/30/01
Well I.D.: S-3	Well Diameter: 2 <u>3</u> 4 6 8
Total Well Depth: 25.04	Depth to Water: 9.19
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC <u>Grade</u>	D.O. Meter (if req'd): <u>YSI</u> HACH

Purge Method:

- Bailor
 Disposable Bailor
 Middleburg
 Electric Submersible
 Waterra
 Peristaltic
 Extraction Pump
 Other _____

Sampling Method:

- Bailor
 Disposable Bailor
 Extraction Port
 Dedicated Tubing
 Other: _____

$6 \text{ (Gals.)} \times 3 = 18 \text{ Gals.}$
 1 Case Volume Specified Volumes Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius ² * 0.163

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
1138	73.0	7.9	2408	144	6	code
1140	71.9	7.8	2410	173	12	"
1141	71.8	7.4	2416	2200	18	"/cloudy

Did well dewater? Yes No Gallons actually evacuated: 18

Sampling Time: 1146 Sampling Date: 5/30/01

Sample I.D.: S-3 Laboratory: Sequoia Columbia Other KIFF

Analyzed for: TPH-G BTEX MTBE TPH-D Other:

EB I.D. (if applicable): @ _____ 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: 2.0 mg/L

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

EQUIVA WELL MONITORING DATA SHEET

BTS #: 010530-M1	Site: 5251 Heyward Pleasanton
Sampler: MTM	Date: 5/30/01
Well I.D.: 5-4	Well Diameter: 2 <u>3</u> 4 6 8
Total Well Depth: 24.42	Depth to Water: 8.83
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC <u>Grade</u>	D.O. Meter (if req'd): <u>YSI</u> HACH

Purge Method:

- Bailer
- Disposable Bailer
- Middleburg
- Electric Submersible
- Watertra
- Peristaltic
- Extraction Pump
- Other _____

Sampling Method:

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

6 (Gals.) X 3 = 18 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
1120	76.6	8.2	1359	172	6	
1122	70.9	8.1	1308	170	12	
1123	71.7	8.0	1320	180	18	

Did well dewater? Yes No Gallons actually evacuated: 18

Sampling Time: 1128 Sampling Date: 5/30/01

Sample I.D.: 5-4 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: 1.8 mg/L

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

EQUIVA WELL MONITORING DATA SHEET

BTS #: <u>010530-M1</u>	Site: <u>5251 Hayward Pleasanton</u>
Sampler: <u>MTM</u>	Date: <u>5/30/01</u>
Well I.D.: <u>S-5</u>	Well Diameter: 2 <u>3</u> 4 6 8 <u> </u>
Total Well Depth: <u>24.65</u>	Depth to Water: <u>9.47</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC <u>Grade</u>	D.O. Meter (if req'd): <u>YSI</u> HACH

Purge Method:

Bailer
 Disposable Bailer
 Middleburg
 Electric Submersible
 Waterra
 Peristaltic
 Extraction Pump
 Other _____

Sampling Method:

Bailer
 Disposable Bailer
 Extraction Port
 Dedicated Tubing
 Other: _____

<u>5.6</u> (Gals.) X <u>3</u>	<u>=</u>	<u>17</u> 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
<u>1106</u>	<u>71.2</u>	<u>8.0</u>	<u>1288</u>	<u>2100</u>	<u>6</u>	
<u>1108</u>	<u>68.9</u>	<u>7.7</u>	<u>1230</u>	<u>7200</u>	<u>12</u>	
<u>1109</u>	<u>68.6</u>	<u>7.5</u>	<u>1237</u>	<u>7200</u>	<u>17</u>	

Did well dewater? Yes No Gallons actually evacuated: 17

Sampling Time: 1114 Sampling Date: 5/30/01

Sample I.D.: S-5 Laboratory: Sequoia Columbia Other KIFF

Analyzed for: TPH-G BTEX MTBE TPH-D Other:

EB I.D. (if applicable): @ _____ 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: 1.1 mg/L

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

EQUIVA WELL MONITORING DATA SHEET

BTS #: 010530-M1	Site: 5251 Hayward Pleasanton
Sampler: MTM	Date: 5/30/01
Well I.D.: S-6	Well Diameter: 2 <u>(3)</u> 4 6 8
Total Well Depth: 26.24	Depth to Water: 8.54
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC <u>(Grade)</u>	D.O. Meter (if req'd): <u>(YSI)</u> HACH

Purge Method:

- Bailer
 Disposable Bailer
 Middleburg
 Electric Submersible
 Waterra
 Peristaltic
 Extraction Pump
 Other _____

Sampling Method:

- Bailer
 Disposable Bailer
 Extraction Port
 Dedicated Tubing
 Other: _____

6.5 (Gals.) X 3 = 19.5 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
9:10	74.5	6.9	5457	>200	7	
9:12	72.6	7.2	3685	>200	14	
9:14	72.0	7.3	5424	>200	20	

Did well dewater? Yes No Gallons actually evacuated: 20

Sampling Time: 9:20 Sampling Date: 5/30/01

Sample I.D.: S-6 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: 1.9) mg/L

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

EQUIVA WELL MONITORING DATA SHEET

BTS #: 010530-M1	Site: 5251 Heyward Pleasanton
Sampler: MTM	Date: 5/30/01
Well I.D.: S-7	Well Diameter: 2 <u>3</u> 4 6 8
Total Well Depth: 25.31	Depth to Water: 8.65
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC <u>Grade</u>	D.O. Meter (if req'd): <u>YSI</u> HACH

Purge Method:

- Bailer
 Disposable Bailer
 Middleburg
 Electric Submersible
 Waterra
 Peristaltic
 Extraction Pump
 Other _____

Sampling Method:

- Bailer
 Disposable Bailer
 Extraction Port
 Dedicated Tubing
 Other: _____

$$\underline{6} \text{ (Gals.)} \times \underline{3} = \underline{18} \text{ Gals.}$$
 1 Case Volume Specified Volumes Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius ² * 0.163

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
9:36	72.9	7.3	5120	>200	6	
9:37	72.5	7.4	4266	>200	12	
9:39	72.4	7.4	5580	195	18	

Did well dewater? Yes No Gallons actually evacuated: 18

Sampling Time: 9:45 Sampling Date: 5/30/01

Sample I.D.: S-7 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: 2.0 mg/L

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

EQUIVA WELL MONITORING DATA SHEET

BTS #: <u>010530-M1</u>	Site: <u>5251 Heyward Pleasanton</u>
Sampler: <u>MTM</u>	Date: <u>5/30/01</u>
Well I.D.: <u>S-8</u>	Well Diameter: 2 <u>3</u> 4 6 8
Total Well Depth: <u>25.33</u>	Depth to Water: <u>7.34</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC <u>Grade</u>	D.O. Meter (if req'd): <u>YSI</u> HACH

Purge Method:

- Bailer
- Disposable Bailer
- Middleburg
- Electric Submersible
- Waterra
- Peristaltic
- Extraction Pump
- Other _____

Sampling Method:

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

<u>6.6</u> (Gals.) X	<u>3</u>	=	<u>20</u> 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
<u>10:02</u>	<u>71.6</u>	<u>7.5</u>	<u>1100</u>	<u>>200</u>	<u>7</u>	
<u>10:03</u>	<u>70.5</u>	<u>7.4</u>	<u>1078</u>	<u>>200</u>	<u>14</u>	
<u>10:05</u>	<u>69.8</u>	<u>7.4</u>	<u>1077</u>	<u>>200</u>	<u>20</u>	

Did well dewater? Yes No Gallons actually evacuated: 20

Sampling Time: 1010 Sampling Date: 5/30/01

Sample I.D.: S-8 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: 1.8 mg/L

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