

Ro 363



APR 15 2002

April 9, 2002

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

RE: EQUILON ENTERPRISES LLC / Equiva Services LLC dba SHELL OIL PRODUCTS US

Dear Sir or Madam:

The Shell purchase of Texaco's interest in Equilon Enterprises LLC and Equiva Services LLC has been approved by government authorities and was completed in early February.

Please be advised that effective March 1, 2002, Equilon Enterprises LLC and Equiva Services LLC will begin doing business as (DBA) "Shell Oil Products US." Since Equilon Enterprises LLC will remain the owner and/or the responsible Party of remediation activities at 3790 Hopyard Road, Pleasanton, California, no changes are needed or requested for permits.

If you have any questions please contact **Ms. Karen Petryna** at **559.645.9306**.

Yours truly,

A handwritten signature in black ink, appearing to read "Karen Petryna", written over a horizontal line.

Karen Petryna
Sr. Environmental Engineer

RO 363



March 25, 2002

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

MAR 29 2002

RE: EQUILON ENTERPRISES LLC / Equiva Services LLC dba SHELL OIL PRODUCTS US

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If you have any questions please contact Ms. Karen Petryna at 559.645.9306.

Yours truly,

Karen Petryna
Sr. Environmental Engineer

C A M B R I A

March 25, 2002

MAR 29 2002

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

Re: **Fourth Quarter 2001 Monitoring Report**
Shell-branded Service Station
3790 Hopyard Road
Pleasanton, California
Incident #98995842
Cambria Project #244-0497-002



Dear Mr. Seery:

This groundwater monitoring report is being submitted on behalf of Shell Oil Products US by Cambria Environmental Technology, Inc. (Cambria) in accordance with the reporting requirements of 23 CCR 2652d. Effective March 1, 2002, Equiva Services LLC and Equilon Enterprises LLC are now doing business as (dba) Shell Oil Products US.

REMEDIATION SUMMARY

Groundwater Extraction (GWE): Beginning the week of May 14, 2001, Advanced Cleanup Technologies Inc. of Benicia, California conducted three weekly 8-hour mobile GWE events using wells S-2, S-4 and T-2. **Three additional GWE events were performed in August 2001.** Mobile GWE vacuum operations consist of lowering dedicated stingers into monitoring wells and extracting fluids using a vacuum truck. The volume of fluid extracted is recorded and used to calculate the quantity of aqueous-phase hydrocarbon removed from the subsurface. Mass-removal data for the site is presented in Table 1. **Approximately 0.9 pounds of methyl tert butyl ether were removed by GWE.**

Oakland, CA
San Ramon, CA
Sonoma, CA

FOURTH QUARTER 2001 ACTIVITIES

**Cambria
Environmental
Technology, Inc.**

1144 65th Street
Suite B
Oakland, CA 94608
Tel (510) 420-0700
Fax (510) 420-9170

Groundwater Monitoring: Blaine Tech Services, Inc. (Blaine) of San Jose, California gauged and sampled selected site wells, calculated groundwater elevations, and compiled the analytical data. Cambria prepared a vicinity map that includes preliminary well survey information

(Figure 1) and a groundwater elevation contour map (Figure 2). Blaine's report, presenting the laboratory report and supporting field documents, is included as Attachment A.

As stated in the *Third Quarter 2001 Monitoring Report*, we believe that samples from wells S-6 and S-7 were switched, given the previous analyte concentration trends in these wells. The results from this quarter support that belief. For example, methyl tert butyl ether is not detected in S-7 and concentrations are elevated in S-6, which matches pre-third quarter 2001 trends. Therefore a footnote was added to Blaine's well concentrations table stating that concentrations in these wells were likely switched.



Inspection of Extraction Wells: Groundwater extraction wells SR-1, SR-2, and SR-3 were inspected by Blaine for possible use in future continuous extraction. The wells were found to be in good condition. Well completion details show that the wells were installed to a total depth of 35 feet below grade (fbg), with screened intervals from 10 to 35 fbg. Blaine measured total well depths at 35.0 fbg. Depth to water measurements ranged from 13.60 to 15.31 fbg in the wells. This is consistent with measurements in other on-site wells.

ANTICIPATED FIRST QUARTER 2002 ACTIVITIES

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

Well Survey: Cambria has conducted a well survey and potential receptor survey at the site. We will present the results of the well survey and sensitive receptor during April 2002.

GWE: For the next quarter, Cambria will coordinate twice-monthly GWE events at the site from tank backfill well T-2. Based on the results, Cambria will reevaluate the GWE effectiveness. Cambria will tabulate the mass removal data for this site. GWE activities were proposed during the third quarter 2001 report, but were not completed during the fourth quarter 2001.

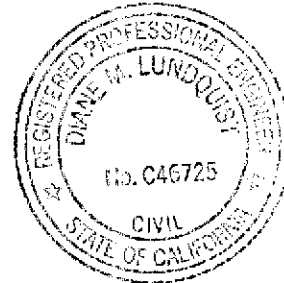
CLOSING

We appreciate the opportunity to work with you on this project. Please call Diane Lundquist at (510) 420-3334 if you have any questions or comments.

Sincerely,
Cambria Environmental Technology, Inc



Diane M. Lundquist, P.E.
Principal Engineer



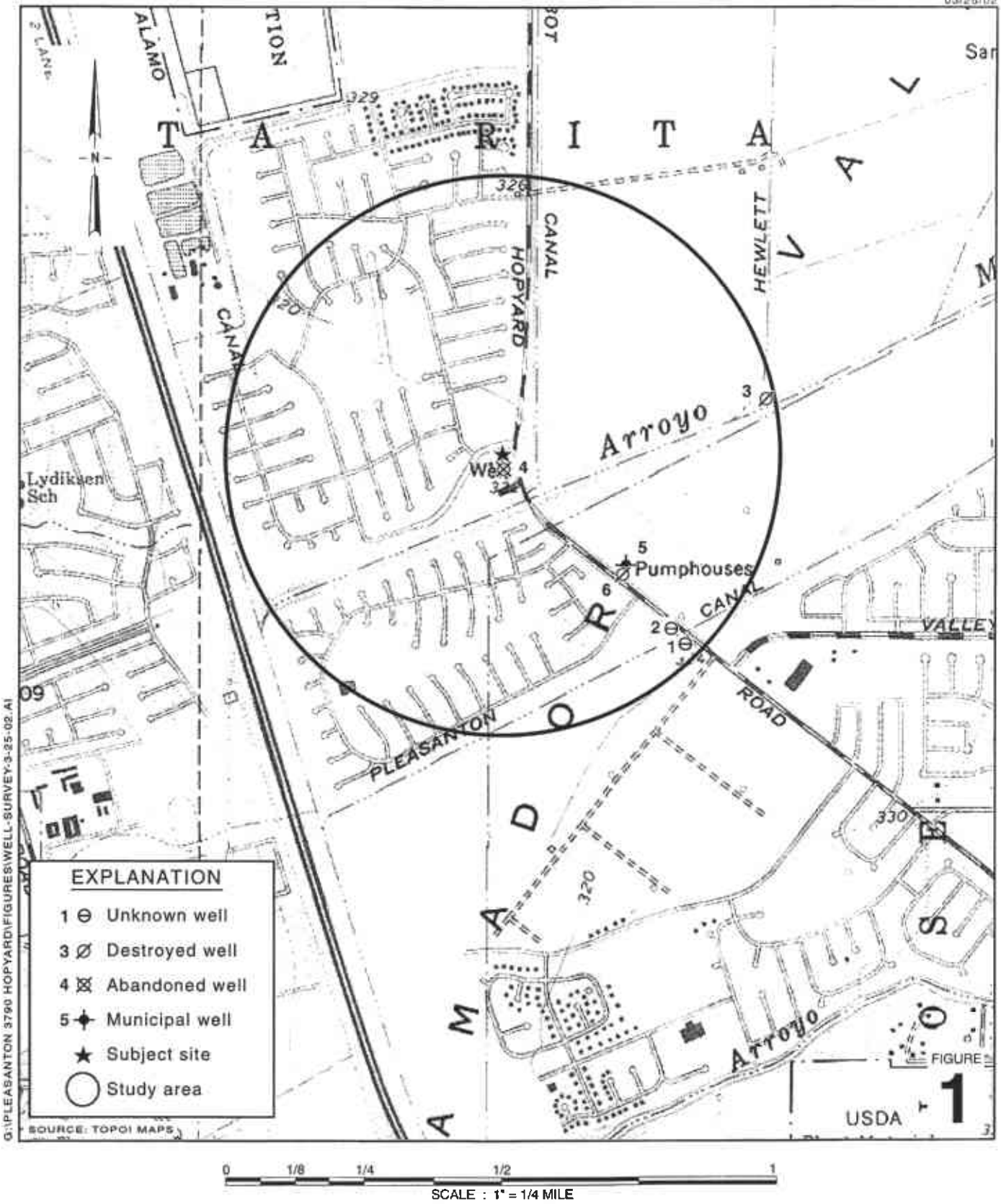
Figures: 1 - Vicinity/Area Well Survey Map
2 - Groundwater Elevation Contour Map

Table: 1 - Groundwater Extraction - Mass Removal Data

Attachment: A - Blaine Groundwater Monitoring Report and Field Notes

cc: Karen Petryna, Shell Oil Products US, P.O. Box 7869, Burbank, CA 91510-7869
Chuck Headlee, RWQCB, 1515 Clay Street, Suite 1400, Oakland, CA 94612
Ted Klenk, Pleasanton Fire Department, 4444 Railroad Street, Pleasanton, CA 94566
Bill Stiles, 516 McGrath Court, Pleasant Hill, CA 94523
Carol Mahoney, 5997 Parkside Drive, Pleasanton, CA 94588-5127
Victor Arcayena, Colliers International, 1850 Mt. Diablo Blvd., Suite 200, Walnut Creek, CA 94596

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EXPLANATION

- 1 ⊖ Unknown well
- 3 ∅ Destroyed well
- 4 ⊗ Abandoned well
- 5 ⚡ Municipal well
- ★ Subject site
- Study area

G:\PLEASANTON 3790 HOPYARD\FIGURES\WELL-SURVEY-3-25-02.A1

SOURCE: TOPOI MAPS

FIGURE 1

USDA

Shell-branded Service Station
 3790 Hopyard Road
 Pleasanton, California
 Incident #98995842

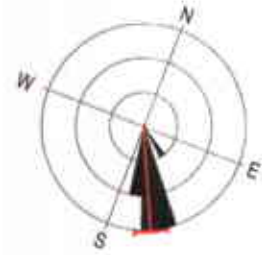


C A M B R I A

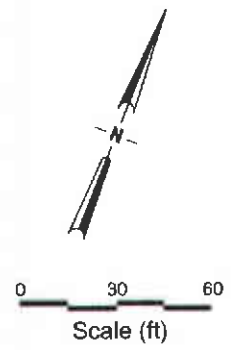
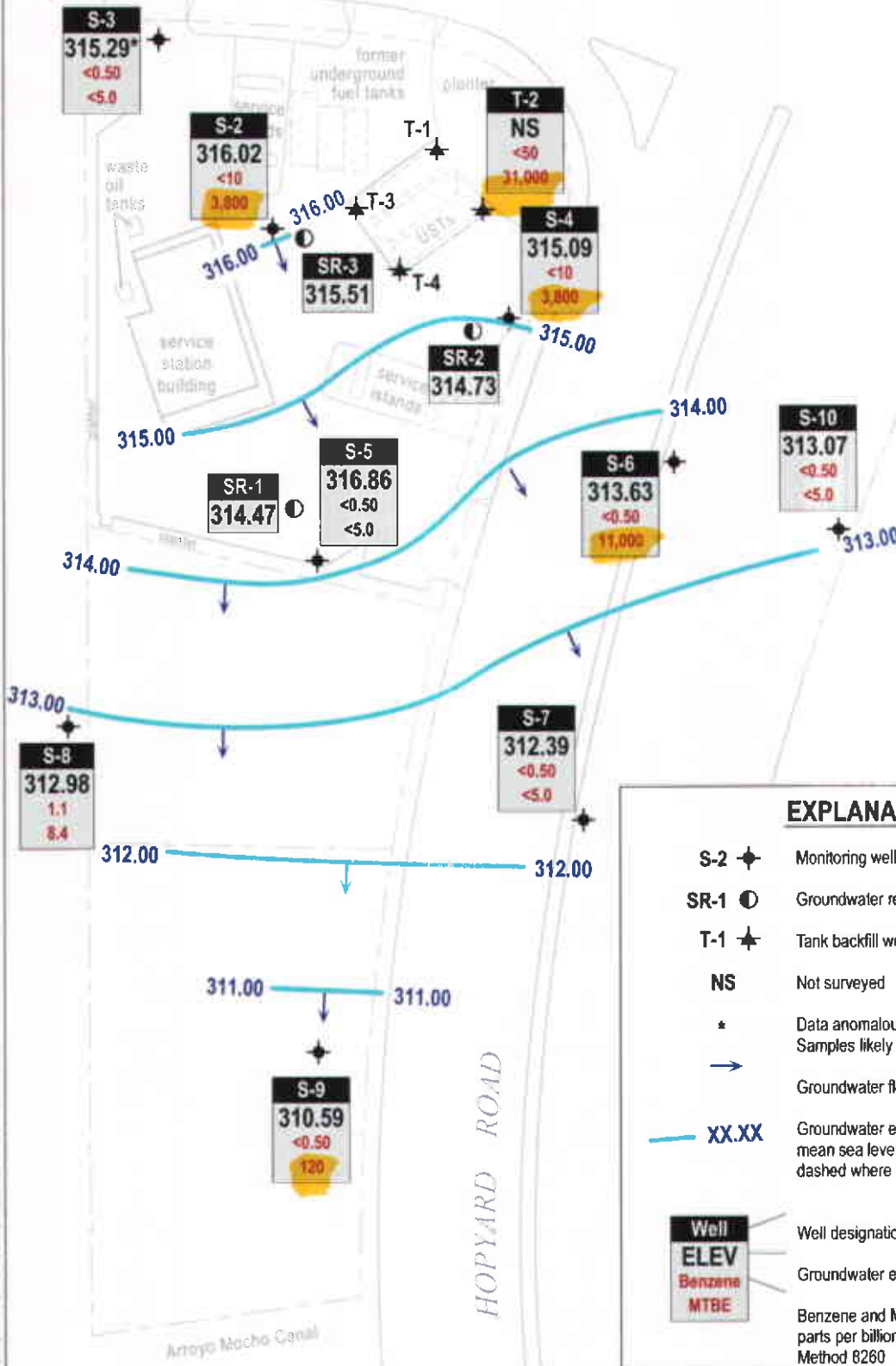
**Vicinity/Area Well
 Survey Map**

1/2 Mile Radius

LOS POSITAS BOULEVARD



Groundwater Flow Direction
(2Q97 to 4Q01)



EXPLANATION

- S-2 + Monitoring well location
- SR-1 ● Groundwater recovery well location
- T-1 ★ Tank backfill well
- NS Not surveyed
- * Data anomalous, not used for contouring. Samples likely switched.
- 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
2

Base map from GeoStrategies

Shell-branded Service Station

3790 Hopyard Road
Pleasanton, California
Incident #98995842



C A M B R I A

Groundwater Elevation Contour Map

December 31, 2001

Table 2: Groundwater Extraction - Mass Removal Data - Shell-branded Service Station, Incident #98995842, 3790 Hopyard Road, Pleasanton, California

Date Purged	Well ID	Volume Pumped (gal)	Cumulative Volume Pumped (gal)	Date Sampled	TPPH			Benzene			MTBE			
					TPPH Concentration (ppb)	TPPH Removed (pounds)	TPPH Removed To Date (pounds)	Benzene Concentration (ppb)	Benzene Removed (pounds)	Benzene Removed To Date (pounds)	MTBE Concentration (ppb)	MTBE Removed (pounds)	MTBE Removed To Date (pounds)	
05/17/01	S-2	20	20	03/07/01	<500	0.00004	0.00004	14.7	0.00000	0.00000	8,610	0.00144	0.00144	
05/22/01	S-2	100	120	03/07/01	<500	0.00021	0.00025	14.7	0.00001	0.00001	8,610	0.00718	0.00862	
05/29/01	S-2	75	195	03/07/01	<500	0.00016	0.00041	14.7	0.00001	0.00002	8,610	0.00539	0.01401	
08/08/01	S-2	50	245	06/18/01	<2,000	0.00042	0.00082	<20	0.00000	0.00003	7,100	0.00296	0.01697	
08/17/01	S-2	20	265	06/18/01	<2,000	0.00017	0.00099	<20	0.00000	0.00003	7,100	0.00118	0.01816	
08/31/01	S-2	250	515	06/18/01	<2,000	0.00209	0.00308	<20	0.00002	0.00005	7,100	0.01481	0.03297	
05/17/01	S-4	100	100	03/07/01	<500	0.00021	0.00021	5.44	0.00000	0.00000	14,500	0.01210	0.01210	
05/22/01	S-4	150	250	03/07/01	<500	0.00031	0.00052	5.44	0.00001	0.00001	14,500	0.01815	0.03025	
05/29/01	S-4	125	375	03/07/01	<500	0.00026	0.00078	5.44	0.00001	0.00002	14,500	0.01512	0.04537	
08/08/01	S-4	50	425	06/18/01	<1,000	0.00021	0.00099	<10	0.00000	0.00002	3,500	0.00146	0.04683	
08/17/01	S-4	40	465	06/18/01	<1,000	0.00017	0.00116	<10	0.00000	0.00002	3,500	0.00117	0.04800	
08/31/01	S-4	500	965	06/18/01	<1,000	0.00209	0.00324	<10	0.00002	0.00004	3,500	0.01460	0.06260	
05/17/01	T-2	2,300	2,300	NA	NA	0.00000	0.00000	NA	0.00000	0.00000	NA	0.00000	0.00000	
05/22/01	T-2	0	2,300	NA	NA	0.00000	0.00000	NA	0.00000	0.00000	NA	0.00000	0.00000	
05/29/01	T-2	0	2,300	NA	NA	0.00000	0.00000	NA	0.00000	0.00000	NA	0.00000	0.00000	
08/08/01	T-2	1,300	3,600	09/17/01	<5,000	0.02712	0.02712	<10	0.00005	0.00005	29,000	0.31458	0.31458	
08/17/01	T-2	10	3,610	09/17/01	<5,000	0.00021	0.02733	<10	0.00000	0.00005	29,000	0.00242	0.31700	
08/31/01	T-2	2,000	5,610	09/17/01	<5,000	0.04172	0.06905	<10	0.00008	0.00014	29,000	0.48397	0.80097	
Total Gallons Extracted:		7,090		Total Pounds Removed:			0.07537	Total Pounds Removed:			0.00023	Total Pounds Removed:		0.89655
				Total Gallons Removed:			0.01236				0.00003			0.14460

Table 2: Groundwater Extraction - Mass Removal Data - Shell-branded Service Station, Incident #98995842, 3790 Hopyard Road, Pleasanton, California

Date Purged	Well ID	Volume Pumped (gal)	Cumulative Volume Pumped (gal)	Date Sampled	TPPH			Benzene			MTBE		
					TPPH Concentration (ppb)	TPPH Removed (pounds)	TPPH To Date (pounds)	Benzene Concentration (ppb)	Benzene Removed (pounds)	Benzene To Date (pounds)	MTBE Concentration (ppb)	MTBE Removed (pounds)	MTBE To Date (pounds)

Abbreviations & Notes:

TPPH = Total purgeable hydrocarbons as gasoline

MtBE = Methyl tert-butyl ether

ppb = Parts per billion

gal = Gallon

Mass removed based on the formula: volume extracted (gal) x Concentration (µg/L) x (g/10⁶µg) x (pound/453.6g) x (3.785 L/gal)

Volume removal data based on the formula: density (in gms/cc) x 9.339 (ccxlbs/gmsxgals)

TPPH, benzene analyzed by EPA Method 8015/8020

MTBE analyzed by EPA Method 8260 in bold font, all other MTBE analyzed by EPA Method 8020

Concentrations based on most recent groundwater monitoring results

Groundwater extracted by vacuum trucks provided by ACTI. Water disposed of at a Martinez Refinery.

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

January 23, 2002

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

Fourth Quarter 2001 Groundwater Monitoring at
Shell-branded Service Station
3790 Hopyard Road
Pleasanton, CA

Monitoring performed on December 31, 2001

Groundwater Monitoring Report 011231-JB-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,

Leon Gearhart
Project Coordinator

LG/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
3790 Hopyard Road
Pleasanton, CA
Wic #204-6138-0501

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-2	03/20/1991	110	NA	30	2.2	10	7	NA	NA	329.21	NA	NA	NA
S-2	06/26/1991	50a	NA	6.3	<0.5	3.3	1.3	NA	NA	329.21	NA	NA	NA
S-2	09/05/1991	90	NA	12	3.2	2.5	2.3	NA	NA	329.21	NA	NA	NA
S-2	12/13/1991	<50	NA	12	<0.5	<0.5	<0.5	NA	NA	329.21	15.85	313.36	NA
S-2	03/11/1992	<30	NA	<0.3	<0.3	<0.3	<0.3	NA	NA	329.21	14.94	314.27	NA
S-2	06/24/1992	<50	NA	0.9	<0.5	<0.5	<0.5	NA	NA	329.21	15.78	313.43	NA
S-2	09/17/1992	78	NA	2.6	1.3	1.3	0.9	NA	NA	329.21	15.03	314.18	NA
S-2	12/11/1992	<50	NA	0.8	<0.5	<0.5	<0.5	NA	NA	329.21	14.81	314.40	NA
S-2	02/04/1993	55	NA	1.3	0.7	0.7	<0.5	NA	NA	329.21	NA	NA	NA
S-2	06/03/1993	<50	NA	0.7	<0.5	<0.5	<0.5	NA	NA	329.21	NA	NA	NA
S-2	09/15/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	329.21	14.63	314.58	NA
S-2	12/09/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	329.21	14.70	314.51	NA
S-2	06/16/1994	<50	NA	0.8	<0.5	0.7	<0.5	NA	NA	329.21	14.94	314.27	NA
S-2	09/13/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	329.21	15.17	314.04	NA
S-2	06/21/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	329.21	14.25	314.96	NA
S-2	06/12/1996	<50	NA	6.1	<0.5	<0.5	<0.5	48	NA	329.21	14.31	314.90	NA
S-2	06/25/1997	120	NA	25	0.59	2.4	8.7	130	NA	329.21	14.40	314.81	4.4
S-2	06/19/1998	450	NA	96	<2.5	4	19	180	NA	329.21	13.72	315.49	2.8
S-2	06/17/1999	312	NA	74.4	2.04	1.02	<1.00	147	NA	329.21	13.97	315.24	3.7
S-2	06/15/2000	1,050	NA	261	<5.00	7.54	11.4	13,500	9,850b	329.21	14.25	314.96	3.3
S-2	11/29/2000	<250	NA	3.75	<2.50	<2.50	<2.50	12,400	10,700b	329.21	14.82	314.39	2.2
S-2	03/07/2001	<500	NA	14.7	<5.00	<5.00	<5.00	8,610	NA	329.21	13.70	315.51	2.3
S-2	06/18/2001	<2,000	NA	<20	<20	<20	<20	NA	7,100	329.21	14.56	314.65	NA
S-2	09/17/2001	<2,000	NA	<10	<10	<10	<10	NA	7,500	329.21	15.18	314.03	NA
S-2	12/31/2001	<1,000	NA	<10	<10	<10	<10	NA	3,800	329.21	13.19	316.02	NA

WELL CONCENTRATIONS
Shell-branded Service Station
3790 Hopyard Road
Pleasanton, CA
Wic #204-6138-0501

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-3	03/20/1991	70	NA	2.3	8.9	4	23	NA	NA	327.67	NA	NA	NA
S-3	06/26/1991	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	327.67	NA	NA	NA
S-3	09/05/1991	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	327.67	NA	NA	NA
S-3	12/13/1991	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	327.67	13.87	313.80	NA
S-3	03/11/1992	<30	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	327.67	13.05	314.62	NA
S-3	06/24/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	327.67	13.86	313.81	NA
S-3	09/17/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	327.67	13.01	314.66	NA
S-3	12/11/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	327.67	13.00	314.67	NA
S-3	02/04/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	327.67	NA	NA	NA
S-3	06/03/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	327.67	NA	NA	NA
S-3	09/15/1993	NA	NA	NA	NA	NA	NA	NA	NA	327.67	13.02	314.65	NA
S-3	12/09/1993	NA	NA	NA	NA	NA	NA	NA	NA	327.67	NA	NA	NA
S-3	09/13/1994	NA	NA	NA	NA	NA	NA	NA	NA	327.67	15.17	312.50	NA
S-3	06/21/1995	50	NA	4.1	<0.5	20	1.2	NA	NA	327.67	12.49	315.18	NA
S-3	06/12/1996	<50	NA	<0.5	<0.5	<0.5	<0.5	<2.5	NA	327.67	12.53	315.14	NA
S-3	06/25/1997	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	327.67	12.64	315.03	1.8
S-3	06/19/1998	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	327.67	11.74	315.93	4.1
S-3	06/17/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<5.00	NA	327.67	12.35	315.32	2.8
S-3	06/15/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	327.67	12.51	315.16	3.2
S-3	11/29/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	327.67	12.84	314.83	1.0
S-3	03/07/2001	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	327.67	12.42	315.25	2.8
S-3	06/18/2001	<50	NA	0.66	1.1	<0.50	0.51	NA	0.66	327.67	13.74	313.93	NA
S-3	09/17/2001	<50	NA	0.73	0.96	<0.50	0.61	NA	<5.0	327.67	13.25	314.42	NA
S-3	12/31/2001	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	327.67	12.38	315.29	NA
S-4	03/20/1991	1,200	NA	100	<2.0	210	130	NA	NA	328.53	NA	NA	NA

WELL CONCENTRATIONS
Shell-branded Service Station
3790 Hopyard Road
Pleasanton, CA
Wic #204-6138-0501

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	06/26/1991	220	NA	14	<0.5	34	17	NA	NA	328.53	NA	NA	NA
S-4	09/05/1991	580	NA	31	0.8	53	26	NA	NA	328.53	NA	NA	NA
S-4	12/13/1991	370	NA	24	0.9	1.3	46	NA	NA	328.53	15.20	313.33	NA
S-4	03/11/1992	1,600	NA	23	1.2	12	20	NA	NA	328.53	14.37	314.16	NA
S-4	06/24/1992	480	NA	48	<1.0	95	22	NA	NA	328.53	15.30	313.23	NA
S-4	09/17/1992	260	NA	35	1.2	51	7.8	NA	NA	328.53	14.17	314.36	NA
S-4	12/11/1992	270	NA	34	0.8	28	4.5	NA	NA	328.53	14.18	314.35	NA
S-4	02/04/1993	1,100	NA	12	<5.0	89	100	NA	NA	328.53	NA	NA	NA
S-4	06/03/1993	210	NA	48	1.1	42	4	NA	NA	328.53	NA	NA	NA
S-4	09/15/1993	700	NA	21	<1.0	110	91	NA	NA	328.53	13.86	314.67	NA
S-4	12/09/1993	250	NA	39	<0.5	3.8	2.6	NA	NA	328.53	14.16	314.37	NA
S-4	03/04/1994	150	NA	25	1.4	6.8	2.8	NA	NA	328.53	14.17	314.36	NA
S-4 (D)	03/04/1994	140	NA	28	0.8	7.9	3.2	NA	NA	328.53	14.17	314.36	NA
S-4	06/16/1994	90	NA	12	<0.5	1.8	2.4	NA	NA	328.53	14.14	314.39	NA
S-4 (D)	06/16/1994	80	NA	5.9	<0.5	1.5	0.9	NA	NA	328.53	14.14	314.39	NA
S-4	09/13/1994	<50	NA	23	<0.5	4.9	2.4	NA	NA	328.53	14.42	314.11	NA
S-4 (D)	09/13/1994	<50	NA	23	<0.5	4	2.3	NA	NA	328.53	14.42	314.11	NA
S-4	06/21/1995	270	NA	34	1.4	25	7.6	NA	NA	328.53	13.82	314.71	NA
S-4 (D)	06/21/1995	280	NA	35	2.1	26	8.4	NA	NA	328.53	13.82	314.71	NA
S-4	06/12/1996	360	NA	52	<0.5	<0.5	<0.5	92	NA	328.53	13.64	314.89	NA
S-4 (D)	06/12/1996	430	NA	54	<1.2	72	21	96	NA	328.53	13.64	314.89	NA
S-4	06/25/1997	6,700	NA	93	1,200	240	1,300	6,900	6,800	328.53	13.74	314.79	0.6
S-4	06/19/1998	3,500	NA	56	15	140	670	2,100	NA	328.53	12.55	315.98	0.8
S-4 (D)	06/19/1998	3,000	NA	51	14	110	530	2,000	NA	328.53	12.55	315.98	0.8
S-4	06/17/1999	1,510	NA	28.4	9.84	176	132	1,780	NA	328.53	13.24	315.29	4.8
S-4	06/15/2000	<500	NA	12.0	<5.00	31.0	22.8	12,200	NA	328.53	13.65	314.88	2.1

WELL CONCENTRATIONS
Shell-branded Service Station
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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	11/29/2000	<500	NA	<5.00	<5.00	<5.00	<5.00	12,100	NA	328.53	14.23	314.30	1.8
S-4	03/07/2001	<500	NA	5.44	<5.00	6.49	<5.00	11,400	14,500	328.53	13.15	315.38	2.4
S-4	06/18/2001	<1,000	NA	<10	<10	<10	<10	NA	3,500	328.53	13.81	314.72	NA
S-4	09/17/2001	<500	NA	<5.0	<5.0	<5.0	<5.0	NA	7,700	328.53	14.29	314.24	NA
S-4	12/31/2001	<1,000	NA	<10	<10	<10	<10	NA	3,800	328.53	13.44	315.09	NA
S-5	03/20/1991	310	NA	39	12	18	30	NA	NA	329.66	NA	NA	NA
S-5	06/26/1991	1,300	NA	250	62	120	180	NA	NA	329.66	NA	NA	NA
S-5	09/05/1991	4,700	NA	660	150	170	280	NA	NA	329.66	NA	NA	NA
S-5	12/13/1991	1,400	NA	580	19	110	80	NA	NA	329.66	17.48	312.18	NA
S-5	03/11/1992	<30	NA	<0.3	<0.3	<0.3	<0.3	NA	NA	329.66	16.22	313.44	NA
S-5	06/24/1992	1,800	NA	380	52	120	180	NA	NA	329.66	17.47	312.19	NA
S-5	09/17/1992	2,200	NA	750	91	170	170	NA	NA	329.66	16.84	312.82	NA
S-5	12/11/1992	8,700	NA	1,600	66	48	340	NA	NA	329.66	16.37	313.29	NA
S-5	02/04/1993	150	NA	156	0.7	4.7	4	NA	NA	329.66	NA	NA	NA
S-5	06/03/1993	480	NA	140	3.4	17	14	NA	NA	329.66	NA	NA	NA
S-5	09/15/1993	80	NA	2.4	0.5	1.4	2.9	NA	NA	329.66	16.20	313.46	NA
S-5	12/09/1993	120	NA	0.56	<0.5	2.2	1.2	NA	NA	329.66	16.26	313.40	NA
S-5	03/04/1994	70	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	329.66	16.25	313.41	NA
S-5	06/16/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	329.66	16.04	313.62	NA
S-5	09/13/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	329.66	11.52	318.14	NA
S-5	06/21/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	329.66	14.50	315.16	NA
S-5	06/12/1996	<500	NA	6	<5.0	<5.0	<5.0	1,400	NA	329.66	12.53	317.13	NA
S-5	06/25/1997	<250	NA	<2.5	<2.5	<2.5	<2.5	1,100	NA	329.66	15.34	314.32	1.1
S-5	06/19/1998	<50	NA	1	<0.50	<0.50	<0.50	61	NA	329.66	13.71	315.95	3.6
S-5	06/17/1999	<50.0	NA	1.44	<0.500	<0.500	<0.500	336	NA	329.66	13.56	316.10	1.4

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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	06/15/2000	<50.0	NA	0.820	<0.500	<0.500	<0.500	221	NA	329.66	15.00	314.66	2.7
S-5	11/29/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	183	NA	329.66	16.29	313.37	0.7
S-5	03/07/2001	<50.0	NA	<0.500	<0.500	<0.500	<0.500	7.55	NA	329.66	15.49	314.17	2.5
S-5	06/18/2001	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	11	329.66	15.50	314.16	NA
S-5	09/17/2001	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	17	329.66	16.35	313.31	NA
S-5	12/31/2001	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	329.66	12.80	316.86	NA

S-6	03/20/1991	130a	NA	606	0.6	0.7	3	NA	NA	327.62	NA	NA	NA
S-6	06/26/1991	120a	NA	3.8	0.8	<0.5	1.7	NA	NA	327.62	NA	NA	NA
S-6	09/05/1991	60	NA	<0.5	0.8	<0.5	0.5	NA	NA	327.62	NA	NA	NA
S-6	12/13/1991	150	NA	2.3	<0.5	<0.5	150	NA	NA	327.62	15.11	312.51	NA
S-6	03/11/1992	<30	NA	<0.3	<0.3	<0.5	<0.3	NA	NA	327.62	16.35	311.27	NA
S-6	06/24/1992	170	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	327.62	16.51	311.11	NA
S-6	09/17/1992	190	NA	<0.5	1.6	<0.5	1.2	NA	NA	327.62	14.33	313.29	NA
S-6	12/11/1992	180	NA	<0.5	0.8	<0.5	0.7	NA	NA	327.62	14.48	313.14	NA
S-6	02/04/1993	290	NA	<0.5	<0.5	<0.5	0.7	NA	NA	327.62	NA	NA	NA
S-6	06/03/1993	100	NA	1.2	<0.5	<0.5	<0.5	NA	NA	327.62	NA	NA	NA
S-6	09/15/1993	160	NA	1.4	<0.5	0.9	2	NA	NA	327.62	14.16	313.46	NA
S-6	12/09/1993	130	NA	2.3	2.6	5.1	6.2	NA	NA	327.62	14.68	312.94	NA
S-6	03/04/1994	220	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	327.62	14.42	313.20	NA
S-6	06/16/1994	60	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	327.62	14.92	312.70	NA
S-6	09/13/1994	<50	NA	<0.5	6	<0.5	<0.5	NA	NA	327.62	14.72	312.90	NA
S-6	06/21/1995	270	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	327.62	13.86	313.76	NA
S-6	06/12/1996	200	NA	2	<0.5	<0.5	<0.5	12	NA	327.62	13.90	313.72	NA
S-6	08/25/1997	180	NA	<0.50	0.61	<0.50	0.77	28	NA	327.62	13.64	313.98	1.8
S-6 (D)	06/25/1997	130	NA	<0.50	<0.50	<0.50	<0.50	21	NA	327.62	13.64	313.98	1.8

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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	06/19/1998	100	NA	7.6	<0.50	<0.50	<0.50	27	NA	327.62	13.81	313.81	1.7
S-6	06/17/1999	114	NA	4.14	<0.500	<0.500	<0.500	19.9	NA	327.62	14.21	313.41	1.6
S-6	06/15/2000	367	NA	17.5	<0.500	<0.500	<0.500	1,050	NA	327.62	14.51	313.11	1.8
S-6	11/29/2000	154	NA	0.754	16.4	<0.500	1.05	5,470	NA	327.62	14.32	313.30	2.1
S-6	03/07/2001	183	NA	0.971	25.1	0.636	0.996	6,830	NA	327.62	15.39	312.23	1.7
S-6	06/18/2001	<2,000	NA	<20	<20	<20	<20	NA	8,200	327.62	14.72	312.90	NA
S-6	09/17/2001 c	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	5.7	327.62	16.69	310.93	NA
S-6	12/31/2001	280	NA	<0.50	<0.50	<0.50	<0.50	NA	11,000	327.62	13.99	313.63	NA
S-7	03/20/1991	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	328.67	NA	NA	NA
S-7	06/26/1991	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	328.67	NA	NA	NA
S-7	09/05/1991	<50	NA	<0.5	0.6	<0.5	<0.5	NA	NA	328.67	NA	NA	NA
S-7	12/13/1991	<50	NA	<0.6	<0.5	<0.5	<0.5	NA	NA	328.67	17.70	310.97	NA
S-7	03/11/1992	<50	NA	<0.3	<0.3	<0.3	<0.3	NA	NA	328.67	17.06	311.61	NA
S-7	06/24/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	328.67	17.80	310.87	NA
S-7	09/17/1992	<50	NA	0.6	0.6	<0.5	<0.5	NA	NA	328.67	17.00	311.67	NA
S-7	12/11/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	328.67	17.35	311.32	NA
S-7	02/04/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	328.67	NA	NA	NA
S-7	06/03/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	328.67	NA	NA	NA
S-7	09/15/1993	NA	NA	NA	NA	NA	NA	NA	NA	328.67	16.65	312.02	NA
S-7	12/09/1993	NA	NA	NA	NA	NA	NA	NA	NA	328.67	NA	NA	NA
S-7	09/13/1994	NA	NA	NA	NA	NA	NA	NA	NA	328.67	16.83	311.84	NA
S-7	06/21/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	328.67	15.88	312.79	NA
S-7	06/12/1996	<50	NA	<0.5	<0.5	<0.5	<0.5	<2.5	NA	328.67	16.22	312.45	NA
S-7	06/25/1997	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	328.67	16.12	312.55	3
S-7	06/19/1998	<50	NA	<0.50	<.050	<0.50	<0.50	<2.5	NA	328.67	14.81	313.86	2.6

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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	06/17/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<5.00	NA	328.67	15.91	312.76	5.1
S-7	06/15/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	7.32	NA	328.67	16.14	312.53	2.0
S-7	11/29/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	328.67	16.89	311.78	3.6
S-7	03/07/2001	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	328.67	16.55	312.12	2.1
S-7	06/18/2001	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	2.5	328.67	16.30	312.37	NA
S-7	09/17/2001 c	150	NA	<0.50	55	<0.50	<0.50	NA	8,300	328.67	14.23	314.44	NA
S-7	12/31/2001	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	328.67	16.28	312.39	NA
S-8	03/20/1991	<50a	NA	0.8	1.8	2.6	5.2	NA	NA	327.00	NA	NA	NA
S-8	06/26/1991	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	327.00	NA	NA	NA
S-8	09/05/1991	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	327.00	NA	NA	NA
S-8	12/13/1991	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	327.00	15.73	311.27	NA
S-8	03/11/1992	<30	NA	<0.3	<0.3	<0.3	<0.3	NA	NA	327.00	14.64	312.36	NA
S-8	06/24/1992	<50	NA	1.4	1.9	<0.5	<0.5	NA	NA	327.00	15.77	311.23	NA
S-8	09/17/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	327.00	15.37	311.63	NA
S-8	12/11/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	327.00	14.94	312.06	NA
S-8	02/04/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	327.00	NA	NA	NA
S-8	06/03/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	327.00	NA	NA	NA
S-8	09/15/1993	NA	NA	NA	NA	NA	NA	NA	NA	327.00	14.91	312.09	NA
S-8	12/09/1993	NA	NA	NA	NA	NA	NA	NA	NA	327.00	NA	NA	NA
S-8	09/13/1994	NA	NA	NA	NA	NA	NA	NA	NA	327.00	15.16	313.08	NA
S-8	06/21/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	327.00	14.11	312.89	NA
S-8	06/12/1996	<50	NA	<0.5	<0.5	<0.5	<0.5	<2.5	NA	327.00	14.20	312.80	NA
S-8	06/25/1997	170	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	327.00	14.42	312.58	0.5
S-8	06/19/1998	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	327.00	13.49	313.51	2.2
S-8	06/17/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<5.00	NA	327.00	14.07	312.93	0.9

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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	06/15/2000	Well inaccessible		NA	NA	NA	NA	NA	NA	327.00	NA	NA	NA
S-8	06/21/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	21.0	NA	327.00	14.43	312.57	NA
S-8	11/29/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	9.46	NA	327.00	14.44	312.56	2.2
S-8	03/07/2001	<50.0	NA	<0.500	<0.500	<0.500	<0.500	4.21	NA	327.00	13.69	313.31	2.1
S-8	06/18/2001	<50	NA	0.55	0.92	<0.50	0.51	NA	13	327.00	14.60	312.40	NA
S-8	09/17/2001	Unable to sample		NA	NA	NA	NA	NA	NA	327.00	15.07	311.93	NA
S-8	09/18/2001	Unable to sample		NA	NA	NA	NA	NA	NA	327.00	NA	NA	NA
S-8	12/31/2001	<50	NA	1.1	1.4	<0.50	<0.50	NA	8.4	327.00	14.02	312.98	NA
S-9	03/20/1991	70a	NA	0.7	0.7	<0.5	1	NA	NA	328.24	NA	NA	NA
S-9	06/26/1991	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	328.24	NA	NA	NA
S-9	09/05/1991	<50	NA	<0.5	0.8	<0.5	<0.5	NA	NA	328.24	NA	NA	NA
S-9	12/13/1991	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	328.24	18.18	310.06	NA
S-9	03/11/1992	<30	NA	<0.3	<0.3	<0.3	<0.3	NA	NA	328.24	17.37	310.87	NA
S-9	06/24/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	328.24	18.45	309.79	NA
S-9	09/17/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	328.24	17.88	310.36	NA
S-9	12/11/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	328.24	17.34	310.90	NA
S-9	02/04/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	328.24	NA	NA	NA
S-9	06/03/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	328.24	NA	NA	NA
S-9	09/15/1993	NA	NA	NA	NA	NA	NA	NA	NA	328.24	17.42	310.82	NA
S-9	12/09/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	328.24	16.89	311.35	NA
S-9	03/04/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	328.24	17.22	311.02	NA
S-9	06/16/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	328.24	17.46	310.78	NA
S-9	09/13/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	328.24	17.59	310.65	NA
S-9	06/21/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	328.24	17.03	311.21	NA
S-9	06/12/1996	<50	NA	<0.5	<0.5	<0.5	<0.5	<2.5	NA	328.24	16.76	311.48	NA

WELL CONCENTRATIONS
Shell-branded Service Station
3790 Hopyard Road
Pleasanton, CA
Wic #204-6138-0501

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-9	06/25/1997	<50	NA	<0.50	<0.50	<0.50	<0.50	2.8	NA	328.24	16.89	311.35	1
S-9	06/19/1998	<50	NA	<0.50	<0.50	<0.50	<0.50	7.1	NA	328.24	15.59	312.65	3.8
S-9	06/17/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	15.3	NA	328.24	16.47	311.77	1.9
S-9	06/15/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	57.2	NA	328.24	16.11	312.13	1.1
S-9	11/29/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	76.5	NA	328.24	17.30	310.94	1.1
S-9	03/07/2001	<50.0	NA	<0.500	<0.500	<0.500	<0.500	84.9	NA	328.24	19.42	308.82	1.1
S-9	06/18/2001	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	86	328.24	17.22	311.02	NA
S-9	09/17/2001	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	130	328.24	17.66	310.58	NA
S-9	12/31/2001	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	120	328.24	17.65	310.59	NA

S-10	03/20/1991	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	326.55	NA	NA	NA
S-10	06/26/1991	50	NA	1.8	5.8	1.9	13	NA	NA	326.55	NA	NA	NA
S-10	09/05/1991	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	326.55	NA	NA	NA
S-10	12/13/1991	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	326.55	14.77	311.78	NA
S-10	03/11/1992	<30	NA	<0.3	<0.3	<0.3	<0.3	NA	NA	326.55	14.16	312.39	NA
S-10	06/24/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	326.55	14.83	311.72	NA
S-10	09/17/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	326.55	13.85	312.70	NA
S-10	12/11/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	326.55	13.90	312.65	NA
S-10	02/04/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	326.55	NA	NA	NA
S-10	06/03/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	326.55	NA	NA	NA
S-10	09/15/1993	NA	NA	NA	NA	NA	NA	NA	NA	326.55	13.66	312.89	NA
S-10	12/09/1993	NA	NA	NA	NA	NA	NA	NA	NA	326.55	NA	NA	NA
S-10	09/13/1994	NA	NA	NA	NA	NA	NA	NA	NA	326.55	13.84	312.71	NA
S-10	06/21/1995	NA	NA	NA	NA	NA	NA	NA	NA	326.55	13.08	313.47	NA
S-10	06/12/1996	<50	NA	<0.5	<0.5	<0.5	<0.5	<2.5	NA	326.55	13.34	313.21	NA
S-10	06/25/1997	<50	NA	<0.50	<0.50	<0.50	<0.50	2.8	NA	326.55	13.28	313.27	2.4

WELL CONCENTRATIONS
Shell-branded Service Station
3790 Hopyard Road
Pleasanton, CA
Wic #204-6138-0501

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-10	06/19/1998	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	326.55	12.41	314.14	1.8
S-10	06/17/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<5.00	NA	326.55	12.81	313.74	2.0
S-10	06/15/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	326.55	13.27	313.28	2.1
S-10	11/29/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	326.55	13.98	312.57	2.4
S-10	03/07/2001	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	326.55	13.40	313.15	2.5
S-10	06/18/2001	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	3.7	326.55	13.29	313.26	NA
S-10	09/17/2001	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	326.55	13.61	312.94	NA
S-10	12/31/2001	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	326.55	13.48	313.07	NA
SR-1	03/04/1994	NA	NA	NA	NA	NA	NA	NA	NA	329.78	16.34	313.44	NA
SR-1	06/16/1994	NA	NA	NA	NA	NA	NA	NA	NA	329.78	16.72	313.06	NA
SR-1	12/31/2001	NA	NA	NA	NA	NA	NA	NA	NA	329.78	15.31	314.47	NA
SR-2	03/04/1994	NA	NA	NA	NA	NA	NA	NA	NA	328.35	14.39	313.96	NA
SR-2	06/16/1994	NA	NA	NA	NA	NA	NA	NA	NA	328.35	14.48	313.87	NA
SR-2	12/31/2001	NA	NA	NA	NA	NA	NA	NA	NA	328.35	13.62	314.73	NA
SR-3	03/04/1994	NA	NA	NA	NA	NA	NA	NA	NA	329.11	14.66	314.45	NA
SR-3	06/16/1994	NA	NA	NA	NA	NA	NA	NA	NA	329.11	14.96	314.15	NA
SR-3	12/31/2001	NA	NA	NA	NA	NA	NA	NA	NA	329.11	13.60	315.51	NA
T-2	09/17/2001	<5,000	NA	<25	<25	<25	<25	NA	29,000	NA	11.48	NA	NA
T-2	12/31/2001	<5,000	NA	<50	<50	<50	<50	NA	31,000	NA	4.96	NA	NA

WELL CONCENTRATIONS
Shell-branded Service Station
3790 Hopyard Road
Pleasanton, CA
Wic #204-6138-0501

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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Abbreviations:

TPPH = Total petroleum hydrocarbons as gasoline by EPA Method 8260B; prior to June 18, 2001, analyzed by EPA Method 8015.

BTEX = benzene, toluene, ethylbenzene, xylenes by EPA Method 8260B; prior to June 18, 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

ppm = Parts per million

ug/L = Parts per billion

msl = Mean sea level

ft = Feet

<n = Below detection limit

D = Duplicate sample

Notes:

a = Compounds detected within the chromatographic range of gasoline but not characteristic of the standard gasoline pattern

b = This sample was analyzed outside of the EPA recommended holding time.

c = Samples for wells S-6 and S-7 may have been switched.

Well T-2 is a backfill well.



Report Number : 24148

Date : 1/14/2002

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

Subject : 10 Water Samples
Project Name : 3790 Hopyard Road, Pleasanton
Project Number : 011231-JB1
P.O. Number : 98995842

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 : 24148

Date : 1/14/2002

Project Name : 3790 Hopyard Road, Pleasanton

Project Number : 011231-JB1

Sample : S-2

Matrix : Water

Lab Number : 24148-01

Sample Date :12/31/2001

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 10	10	ug/L	EPA 8260B	1/8/2002
Toluene	< 10	10	ug/L	EPA 8260B	1/8/2002
Ethylbenzene	< 10	10	ug/L	EPA 8260B	1/8/2002
Total Xylenes	< 10	10	ug/L	EPA 8260B	1/8/2002
Methyl-t-butyl ether (MTBE)	3800	100	ug/L	EPA 8260B	1/8/2002
TPH as Gasoline	< 1000	1000	ug/L	EPA 8260B	1/6/2002
Toluene - d8 (Surr)	100		% Recovery	EPA 8260B	1/8/2002
4-Bromofluorobenzene (Surr)	102		% Recovery	EPA 8260B	1/8/2002

Sample : S-3

Matrix : Water

Lab Number : 24148-02

Sample Date :12/31/2001

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	1/5/2002
Toluene	< 0.50	0.50	ug/L	EPA 8260B	1/5/2002
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	1/5/2002
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	1/5/2002
Methyl-t-butyl ether (MTBE)	< 5.0	5.0	ug/L	EPA 8260B	1/5/2002
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	1/5/2002
Toluene - d8 (Surr)	99.1		% Recovery	EPA 8260B	1/5/2002
4-Bromofluorobenzene (Surr)	105		% Recovery	EPA 8260B	1/5/2002

Approved By:  Joel Kiff



Report Number : 24148

Date : 1/14/2002

Project Name : 3790 Hopyard Road, Pleasanton

Project Number : 011231-JB1

Sample : S-4

Matrix : Water

Lab Number : 24148-03

Sample Date :12/31/2001

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 10	10	ug/L	EPA 8260B	1/11/2002
Toluene	< 10	10	ug/L	EPA 8260B	1/11/2002
Ethylbenzene	< 10	10	ug/L	EPA 8260B	1/11/2002
Total Xylenes	< 10	10	ug/L	EPA 8260B	1/11/2002
Methyl-t-butyl ether (MTBE)	3800	100	ug/L	EPA 8260B	1/11/2002
TPH as Gasoline	< 1000	1000	ug/L	EPA 8260B	1/11/2002
Toluene - d8 (Surr)	96.5		% Recovery	EPA 8260B	1/11/2002
4-Bromofluorobenzene (Surr)	101		% Recovery	EPA 8260B	1/11/2002

Sample : S-5

Matrix : Water

Lab Number : 24148-04

Sample Date :12/31/2001

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	1/5/2002
Toluene	< 0.50	0.50	ug/L	EPA 8260B	1/5/2002
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	1/5/2002
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	1/5/2002
Methyl-t-butyl ether (MTBE)	< 5.0	5.0	ug/L	EPA 8260B	1/5/2002
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	1/5/2002
Toluene - d8 (Surr)	99.9		% Recovery	EPA 8260B	1/5/2002
4-Bromofluorobenzene (Surr)	104		% Recovery	EPA 8260B	1/5/2002

Approved By:  Joel Kiff



Report Number : 24148

Date : 1/14/2002

Project Name : 3790 Hopyard Road, Pleasanton

Project Number : 011231-JB1

Sample : S-6

Matrix : Water

Lab Number : 24148-05

Sample Date :12/31/2001

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	1/6/2002
Toluene	< 0.50	0.50	ug/L	EPA 8260B	1/6/2002
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	1/6/2002
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	1/6/2002
Methyl-t-butyl ether (MTBE)	11000	250	ug/L	EPA 8260B	1/10/2002
TPH as Gasoline	260	50	ug/L	EPA 8260B	1/6/2002
Toluene - d8 (Surr)	98.8		% Recovery	EPA 8260B	1/6/2002
4-Bromofluorobenzene (Surr)	105		% Recovery	EPA 8260B	1/6/2002

Sample : S-7

Matrix : Water

Lab Number : 24148-06

Sample Date :12/31/2001

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	1/6/2002
Toluene	< 0.50	0.50	ug/L	EPA 8260B	1/6/2002
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	1/6/2002
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	1/6/2002
Methyl-t-butyl ether (MTBE)	< 5.0	5.0	ug/L	EPA 8260B	1/6/2002
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	1/6/2002
Toluene - d8 (Surr)	91.6		% Recovery	EPA 8260B	1/6/2002
4-Bromofluorobenzene (Surr)	93.1		% Recovery	EPA 8260B	1/6/2002

Approved By:  Joel Kiff



Report Number : 24148

Date : 1/14/2002

Project Name : 3790 Hopyard Road, Pleasanton

Project Number : 011231-JB1

Sample : S-8

Matrix : Water

Lab Number : 24148-07

Sample Date :12/31/2001

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	1.1	0.50	ug/L	EPA 8260B	1/6/2002
Toluene	1.4	0.50	ug/L	EPA 8260B	1/6/2002
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	1/6/2002
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	1/6/2002
Methyl-t-butyl ether (MTBE)	8.4	5.0	ug/L	EPA 8260B	1/6/2002
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	1/6/2002
Toluene - d8 (Surr)	99.5		% Recovery	EPA 8260B	1/6/2002
4-Bromofluorobenzene (Surr)	102		% Recovery	EPA 8260B	1/6/2002

Sample : S-9

Matrix : Water

Lab Number : 24148-08

Sample Date :12/31/2001

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	1/6/2002
Toluene	< 0.50	0.50	ug/L	EPA 8260B	1/6/2002
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	1/6/2002
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	1/6/2002
Methyl-t-butyl ether (MTBE)	120	5.0	ug/L	EPA 8260B	1/6/2002
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	1/6/2002
Toluene - d8 (Surr)	99.3		% Recovery	EPA 8260B	1/6/2002
4-Bromofluorobenzene (Surr)	103		% Recovery	EPA 8260B	1/6/2002

Approved By:  Joel Kiff



Report Number : 24148

Date : 1/14/2002

Project Name : 3790 Hopyard Road, Pleasanton

Project Number : 011231-JB1

Sample : S-10

Matrix : Water

Lab Number : 24148-09

Sample Date :12/31/2001

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	1/7/2002
Toluene	< 0.50	0.50	ug/L	EPA 8260B	1/7/2002
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	1/7/2002
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	1/7/2002
Methyl-t-butyl ether (MTBE)	< 5.0	5.0	ug/L	EPA 8260B	1/7/2002
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	1/7/2002
Toluene - d8 (Surr)	100		% Recovery	EPA 8260B	1/7/2002
4-Bromofluorobenzene (Surr)	103		% Recovery	EPA 8260B	1/7/2002

Sample : T-2

Matrix : Water

Lab Number : 24148-10

Sample Date :12/31/2001

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 50	50	ug/L	EPA 8260B	1/6/2002
Toluene	< 50	50	ug/L	EPA 8260B	1/6/2002
Ethylbenzene	< 50	50	ug/L	EPA 8260B	1/6/2002
Total Xylenes	< 50	50	ug/L	EPA 8260B	1/6/2002
Methyl-t-butyl ether (MTBE)	31000	500	ug/L	EPA 8260B	1/6/2002
TPH as Gasoline	< 5000	5000	ug/L	EPA 8260B	1/6/2002
Toluene - d8 (Surr)	93.1		% Recovery	EPA 8260B	1/6/2002
4-Bromofluorobenzene (Surr)	95.3		% Recovery	EPA 8260B	1/6/2002

Approved By:  Joel Kiff

Report Number : 24148

Date : 1/14/2002

QC Report : Method Blank Data

Project Name : **3790 Hopyard Road, Pleasanton**

Project Number : **011231-JB1**

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	1/6/2002
Toluene	< 0.50	0.50	ug/L	EPA 8260B	1/6/2002
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	1/6/2002
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	1/6/2002
Methyl-t-butyl ether (MTBE)	< 5.0	5.0	ug/L	EPA 8260B	1/6/2002
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	1/6/2002
Toluene - d8 (Surr)	101		%	EPA 8260B	1/6/2002
4-Bromofluorobenzene (Surr)	102		%	EPA 8260B	1/6/2002
Benzene	< 0.50	0.50	ug/L	EPA 8260B	1/5/2002
Toluene	< 0.50	0.50	ug/L	EPA 8260B	1/5/2002
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	1/5/2002
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	1/5/2002
Methyl-t-butyl ether (MTBE)	< 5.0	5.0	ug/L	EPA 8260B	1/5/2002
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	1/5/2002
Toluene - d8 (Surr)	99.3		%	EPA 8260B	1/5/2002
4-Bromofluorobenzene (Surr)	102		%	EPA 8260B	1/5/2002

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
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Approved By: Joel Kiff

Report Number : 24148

Date : 1/14/2002

QC Report : Matrix Spike/ Matrix Spike Duplicate

Project Name : **3790 Hopyard Road,**

Project Number : **011231-JB1**

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
Benzene	24148-06	<0.50	20.0	18.7	18.4	17.1	ug/L	EPA 8260B	1/6/2002	91.9	91.1	0.847	70-130	25
Toluene	24148-06	<0.50	20.0	18.7	18.8	17.4	ug/L	EPA 8260B	1/6/2002	93.8	92.7	1.26	70-130	25
Tert-Butanol	24148-06	<5.0	99.9	93.7	104	99.6	ug/L	EPA 8260B	1/6/2002	104	106	2.50	70-130	25
Methyl-t-Butyl Ether	24148-06	3.4	20.0	18.7	20.3	20.0	ug/L	EPA 8260B	1/6/2002	84.3	88.6	4.96	70-130	25
Benzene	24150-02	<0.50	40.0	40.0	38.7	37.8	ug/L	EPA 8260B	1/5/2002	96.7	94.4	2.38	70-130	25
Toluene	24150-02	<0.50	40.0	40.0	39.1	38.1	ug/L	EPA 8260B	1/5/2002	97.7	95.3	2.49	70-130	25
Tert-Butanol	24150-02	<5.0	200	200	172	176	ug/L	EPA 8260B	1/5/2002	86.2	88.2	2.34	70-130	25
Methyl-t-Butyl Ether	24150-02	<0.50	40.0	40.0	40.1	39.9	ug/L	EPA 8260B	1/5/2002	100	99.6	0.650	70-130	25

Approved By:  Joel Kiff

KIFF ANALYTICAL, LLC

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

Report Number : 24148

Date : 1/14/2002

QC Report : Laboratory Control Sample (LCS)

Project Name : **3790 Hopyard Road,**

Project Number : **011231-JB1**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
Benzene	20.0	ug/L	EPA 8260B	1/6/2002	93.7	70-130
Toluene	20.0	ug/L	EPA 8260B	1/6/2002	95.8	70-130
Tert-Butanol	100	ug/L	EPA 8260B	1/6/2002	103	70-130
Methyl-t-Butyl Ether	20.0	ug/L	EPA 8260B	1/6/2002	87.0	70-130
Benzene	40.0	ug/L	EPA 8260B	1/5/2002	97.5	70-130
Toluene	40.0	ug/L	EPA 8260B	1/5/2002	98.2	70-130
Tert-Butanol	200	ug/L	EPA 8260B	1/5/2002	91.1	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	1/5/2002	101	70-130

KIFF ANALYTICAL, LLC

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

Approved By:


Joel Kiff

LAB: KIFF

EQUIVA Services LLC Chain Of Custody Record

Lab Identification (if necessary):
Address:
City, State, Zip:

Equiva Project Manager to be Invoiced:
Karen Petryna

24148

INCIDENT NUMBER (S&E ONLY):
9 8 9 9 5 8 4 2
SRP or CRMT NUMBER (TS/CRMT):

DATE: 12-31-01
PAGE: 1 of 1

CONSULTANT COMPANY:
Blaine Tech Services
ADDRESS:
1680 Rogers Avenue
CITY:
San Jose, CA 95112
TELEPHONE: **408-573-0555** FAX: **408-573-7771** EMAIL: **nsudase@blaintech.com**

SITE ADDRESS (Street and City):
3790 Hopyard Road, Pleasanton
PROJECT CONTACT (Report to):
Nick Sudano
CONSULTANT PROJECT NO.:
ETS# 011231-JB1
SAMPLER NAME(S) (Print):
Jason Brown
LAB USE ONLY

TURNAROUND TIME (BUSINESS DAYS):
 10 DAYS 5 DAYS 72 HOURS 48 HOURS 24 HOURS LESS THAN 24 HOURS
 LA - RWQCB REPORT FORMAT TEST AGENCY:
GC/MS/MTBE CONFIRMATION: HIGHEST _____ HIGHEST per BDRING _____ ALL _____
SPECIAL INSTRUCTIONS OR NOTES: TEMPERATURE ON RECEIPT C° _____

REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification	SAMPLING		MATERIAL	VOL. OF CONT.	TPH - Gas, Perceivable	BTEX	MTBE (6021B - 6ppb RL)	MTBE (6290B - 0.6ppb RL)	Oxygenates (6) by (6290B)	Ethanol (6290B)	Methanol	1,2-DCA (6290B)	EDB (6290B)	TPH - Diesel, Extractable (6016m)	MTBE (6290B) Confirmation, See Note	FIELD NOTES: Container/Preservative or PID Readings or Laboratory Notes		
		DATE	TIME																
	S-2	12-3	11:40	W	3	X	X	X										-01	
	S-3		9:50			X	X	X											-02
	S-4		12:00			X	X	X											-03
	S-5		10:10			X	X	X											-04
	S-6		12:20			X	X	X											-05
	S-7		11:25			X	X	X											-06
	S-8		10:40			X	X	X											-07
	S-8 S-9		10:55			X	X	X											-08
	S-10		11:10			X	X	X											-09
	T-2		10:25			X	X	X											-10

Requested by (Signature):	Received by (Signature): _____	Date: _____	Time: _____
Requested by (Signature): _____	Received by (Signature): _____	Date: _____	Time: _____
Requested by (Signature): _____	Received by (Signature): <u>Michael Jiff Analytical</u>	Date: <u>01/02/02</u>	Time: <u>2:15</u>

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

CSC 01/17/01 695-9702

DEC - 28' 01 (FRI) 17:40 BLAINE TECH SERVICES, INC TEL: 408 573 7771 P. 006

WELL GAUGING DATA

Project # 011231-JB1

Date 12-31-01

Client Egiva

Site 3790 Hopyard Rd. Pleasanton

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
8 S-2	3					13.19	35.18	TOB
12 S-3	3					12.38	35.50	
9 S-4	3					13.44	35.85	
2 S-5	3					12.80	35.85	
10 S-6	3					13.99	34.90	
7 S-7	3					16.28	35.20	
4 S-8	3					14.02	34.35	
5 S-9	3					17.65	35.25	
6 S-10	3					13.48	34.30	
3 T-2	6					4.98	12.85	
* additional inspection on the following 3 wells								
SR-1	4	-Christy box OK -needs new lock				15.31	35.00	TOB
SR-2	4	-Christy box OK -needs new cap lock				13.62	35.00	TOB
SR-3	4	-Christy box OK -needs new cap & lock				13.60	35.00	TOB
								APPROVED

EQUIVA WELL MONITORING DATA SHEET

BTS #: 011231-5B1	Site: 3790 Hopyard Rd. Pleasanton
Sampler: J-man B	Date: 12-31-01
Well I.D.: S-2	Well Diameter: 2 <input checked="" type="radio"/> 4 <input type="radio"/> 6 <input type="radio"/> 8 <input type="radio"/>
Total Well Depth: 35.18	Depth to Water: 13.19
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC <input type="checkbox"/> <u>Grade</u> <input checked="" type="checkbox"/>	D.O. Meter (if req'd): YSI <input type="checkbox"/> HACH <input type="checkbox"/>

Purge Method: Bailer Disposable Bailer Middleburg Electric Submersible Waterma Peristaltic Extraction Pump Other _____

Sampling Method: Bailer Disposable Bailer Extraction Port Dedicated Tubing Other: _____

$$\frac{2.1 \text{ (Gals.)} \times 3}{1 \text{ Case Volume} \quad \text{Specified Volumes}} = \frac{24.4}{\text{Calculated Volume}} \text{ Gals.}$$

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

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
1131	65.6	7.0	2478	96	9	odor
1132	62.0	7.0	2685	142	17	"
1134	60.3	7.0	2502	161	20	"

Did well dewater? Yes No Gallons actually evacuated: 21

Sampling Time: 1140 Sampling Date: 12-31-01

Sample I.D.: S-2 Laboratory: Kitt Sequoia Other _____

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

EB I.D. (if applicable): _____ @ _____ Time Duplicate I.D. (if applicable): _____

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

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

EQUIVA WELL MONITORING DATA SHEET

BTS #: 011231-5B1	Site: 3790 Hopyard Rd. Pleasanton
Sampler: J 2000 B	Date: 12.31-01
Well I.D.: 5-3	Well Diameter: 2 (3) 4 6 8
Total Well Depth: 35.50	Depth to Water: 12.38
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC <u>Grade</u>	D.O. Meter (if req'd): YSI HACH

Purge Method: Bailer Water Sampling Method: Bailer
 Disposable Bailer Peristaltic Disposable Bailer
 Middleburg Extraction Pump Extraction Port
Electric Submersible Other _____ Dedicated Tubing

Other: _____

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

8.6 (Gals.) X 3 = 25.7 Gals.
 1. Case Volume Specified Volumes Calculated Volume

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
938	66.7	6.8	4184	>200	9	-
939	67.5	6.9	4173	>200	18	-
941	67.6	6.9	4262	>200	27	-

Did well dewater? Yes No Gallons actually evacuated: 27

Sampling Time: 750 Sampling Date: 12-31-01

Sample I.D.: 5-3 Laboratory: Kitt Sequoia ~~Other~~

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

EB I.D. (if applicable): _____ @ _____ Time Duplicate I.D. (if applicable): _____

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

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

EQUIVA WELL MONITORING DATA SHEET

BTS #: 011231-5B1	Site: 3790 Hoped Rd. Pleasanton
Sampler: <u>Juan B</u>	Date: 12-31-01
Well I.D.: 5-4	Well Diameter: 2 <u>3</u> 4 6 8
Total Well Depth: 35.85	Depth to Water: 13.44
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC <u>Grade</u>	D.O. Meter (if req'd): YSI EACH

Purge Method: Bailer
 Disposable Bailer
 Middleburg
Electric Submersible

Watterra
 Peristaltic
 Extraction Pump
 Other _____

Sampling Method: Bailer
 Disposable Bailer
 Extraction Port
 Dedicated Tubing

Other: _____

$2.3 \text{ (Gals.)} \times 3 = 24.9 \text{ Gals.}$	<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>Well Diameter</th> <th>Multiplier</th> <th>Well Diameter</th> <th>Multiplier</th> </tr> </thead> <tbody> <tr> <td>1"</td> <td>0.04</td> <td>4"</td> <td>0.65</td> </tr> <tr> <td>2"</td> <td>0.16</td> <td>6"</td> <td>1.47</td> </tr> <tr> <td>3"</td> <td>0.37</td> <td>Other</td> <td>radius² * 0.163</td> </tr> </tbody> </table>	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
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														
1 Case Volume	Specified Volumes	Calculated Volume															

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
1149	69.5	7.3	2009	>200	9	-
1157	69.7	6.9	2135	>200	17	-
1152	69.0	6.9	2656	7200	25	-

Did well dewater? Yes NO Gallons actually evacuated: 25

Sampling Time: 1200 Sampling Date: 12-31-01

Sample I.D.: 5-4 Laboratory: Kitt Sequoia Other _____

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

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable): _____

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

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

EQUIVA WELL MONITORING DATA SHEET

BTS #: 011231-531	Site: 3790 Hopyard Rd. Pleasanton
Sampler: Jason B	Date: 12-31-01
Well I.D.: S-5	Well Diameter: 2 <u>3</u> 4 6 8
Total Well Depth: 35.85	Depth to Water: 12.90
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC <u>Grade</u>	D.O. Meter (if req'd): YSI HACH

Purge Method: **Bailer** Water Sampling Method: Bailer

Disposable Bailer Peristaltic Disposable Bailer

Middleburg Extraction Pump Extraction Port

Electric Submersible Other _____ Dedicated Tubing

Other: _____

$$\frac{8.5 \text{ (Gals.)} \times 3}{\text{Specified Volumes}} = \frac{25.6 \text{ Gals.}}{\text{Calculated Volume}}$$

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
957	64.2	7.5	1495	> 200	9	-
1000	64.5	7.1	1389	> 200	18	-
1001	64.7	7.1	1384	181	27	-

Did well dewater? Yes ~~No~~ Gallons actually evacuated: 27

Sampling Time: 1010 Sampling Date: 12-31-01

Sample I.D.: S-5 Laboratory: Kitt Sequoia Other _____

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

EB I.D. (if applicable): @ _____ Time Duplicate I.D. (if applicable): _____

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

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

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

EQUIVA WELL MONITORING DATA SHEET

BTS #: 011231-5B1	Site: 3790 Hopyard Rd. Pleasanton
Sampler: Jovan B	Date: 12-31-01
Well I.D.: 5-6	Well Diameter: 2 <input checked="" type="radio"/> 4 <input type="radio"/> 6 <input type="radio"/> 8 <input type="radio"/>
Total Well Depth: 34.90	Depth to Water: 13.99
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC <input checked="" type="radio"/> Grade	D.O. Meter (if req'd): YSI <input type="radio"/> HACH <input type="radio"/>

Furge Method: Bailer Disposable Bailer Middleburg ~~Electric Submersible~~
 Waterra Peristaltic Extraction Pump Other _____

Sampling Method: Bailer Disposable Bailer Extraction Port Dedicated Tubing
 Other: _____

$$7.7 \text{ (Gals.)} \times 3 = 23.1 \text{ Gals.}$$

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
1207	68.6	7.1	1767	>200	9	odor
1209	68.5	6.9	1811	>200	16	"
1210	68.5	7.0	1815	>200	24	"

Did well dewater? Yes No Gallons actually evacuated: 24

Sampling Time: 1220 Sampling Date: 12-31-01

Sample I.D.: 5-6 Laboratory: Kirt Sequoia Other _____

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

EB I.D. (if applicable): _____ @ _____ Time Duplicate I.D. (if applicable): _____

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

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



EQUIVA WELL MONITORING DATA SHEET

BTS #: 011231-5B1	Site: 3790 Hopyard Rd. Pleasanton
Sampler: Jason B	Date: 12-31-01
Well I.D.: 5-7	Well Diameter: 2 <u>3</u> 4 6 8
Total Well Depth: 35.20	Depth to Water: 16.20
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC <u>Grade</u>	D.O. Meter (if req'd): YSI HACH

Purge Method: Bailer Waterra Sampling Method: Bailer
 Disposable Bailer Peristaltic Disposable Bailer
 Middleburg Extraction Pump Extraction Port
Electric Submersible Other _____ Dedicated Tubing

Other: _____

$7.0 \text{ (Gals.)} \times 3 = 21.1 \text{ Gals.}$ <p>1 Case Volume Specified Volumes Calculated Volume</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Well Diameter</th> <th>Multiplier</th> <th>Well Diameter</th> <th>Multiplier</th> </tr> </thead> <tbody> <tr> <td>1"</td> <td>0.04</td> <td>4"</td> <td>0.65</td> </tr> <tr> <td>2"</td> <td>0.16</td> <td>6"</td> <td>1.47</td> </tr> <tr> <td>3"</td> <td>0.37</td> <td>Other</td> <td>radius² * 0.163</td> </tr> </tbody> </table>	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
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
1114	66.9	6.7	3634	136	7	—
1115	68.3	6.9	3455	7200	14	—
1119	68.2	6.7	3254	7200	22	—

Did well dewater? Yes No Gallons actually evacuated: 22

Sampling Time: 1125 Sampling Date: 12-31-01

Sample I.D.: 5-7 Laboratory: Kitt Sequoia Other _____

Analyzed for: ~~TPH-G~~ BTEX MIBS TPH-D Other: _____

EB I.D. (if applicable): @ _____ Time Duplicate I.D. (if applicable): _____

Analyzed for: TPH-G BTEX MIBS TPH-D Other: _____

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



EQUIVA WELL MONITORING DATA SHEET

BTS #: 011231-5B1	Site: 3790 Haggard Rd. Pleasanton
Sampler: J... B	Date: 12.31-01
Well I.D.: 5-8	Well Diameter: 2 <input checked="" type="radio"/> 4 6 8
Total Well Depth: 14.02	Depth to Water: 34.35
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC <u>Grade</u>	D.O. Meter (if req'd): YSI HACH

Purge Method: Bailer Disposable Bailer Middleburg <u>Electric Submersible</u>	Watera Peristaltic Extraction Pump Other _____	Sampling Method: <u>Bailer</u> Disposable Bailer Extraction Port Dedicated Tubing Other: _____
--	---	--

$7.5 \text{ (Gals.)} \times 3 = 22.6 \text{ Gals.}$		Well Diameter Multiplier	
I Case Volume	Specified Volumes	Well Diameter	Multiplier
		1"	0.04
		2"	0.16
		3"	0.37
		4"	0.65
		6"	1.47
		Other	radius ² * 0.163

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
1031	66.9	7.6	2503	>200	9	-
1032	67.0	6.8	2340	>200	16	-
1034	67.3	6.9	2021	>200	23	-

Did well dewater? Yes No Gallons actually evacuated: 13

Sampling Time: 1040 Sampling Date: 12-31-01

Sample I.D.: 5-8 Laboratory: Kifi Sequoia Other _____

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

EB I.D. (if applicable): @ _____ Time Duplicate I.D. (if applicable):

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

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

EQUIVA WELL MONITORING DATA SHEET

BTS #: 011231-5B1	Site: 3790 Hopyard Rd. Pleasanton
Sampler: J... B	Date: 12.31.01
Well I.D.: 5-9	Well Diameter: 2 <u>3</u> 4 6 8
Total Well Depth: 35.25	Depth to Water: 17.65
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC <u>Grade</u>	D.O. Meter (if req'd): YSI HACH

Purge Method: Bailer Disposable Bailer Middleburg <u>Electric Submersible</u>	Waterra Peristaltic Extraction Pump Other _____	Sampling Method: <u>Bailer</u> Disposable Bailer Extraction Port Dedicated Tubing Other: _____
--	--	--

$6.5 \text{ (Gals.)} \times 3 = 19.5 \text{ Gals.}$	<table border="1" style="width: 100%; border-collapse: collapse; font-size: small;"> <thead> <tr> <th>Well Diameter</th> <th>Multiplier</th> <th>Well Diameter</th> <th>Multiplier</th> </tr> </thead> <tbody> <tr> <td>1"</td> <td>0.04</td> <td>4"</td> <td>0.65</td> </tr> <tr> <td>2"</td> <td>0.16</td> <td>6"</td> <td>1.47</td> </tr> <tr> <td>3"</td> <td>0.37</td> <td>Other</td> <td>radius² * 0.163</td> </tr> </tbody> </table>	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
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														
Case Volume Specified Volumes Calculated Volume																	

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
1047	67.0	6.9	3252	67	7	—
1048	67.2	6.8	3452	51	14	—
1050	67.1	6.8	3250	50	20	—

Did well dewater? Yes No Gallons actually evacuated: 20

Sampling Time: 1055 Sampling Date: 12-31-01

Sample I.D.: 5-9 Laboratory: Kitt Sequoia Other _____

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

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

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

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

EQUIVA WELL MONITORING DATA SHEET

BTS #: 011231-5B1	Site: 3790 Highway Rd., Pleasanton
Sampler: Japan B	Date: 12-31-01
Well I.D.: 5-10	Well Diameter: 2 <u>3</u> 4 6 8
Total Well Depth: 34.30	Depth to Water: 13.48
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC <u>Grade</u>	D.O. Meter (if req'd): YSI HACH

Purge Method: Bailer Water Sampling Method: Bailer
 Disposable Bailer Peristaltic Disposable Bailer
 Middleburg Extraction Pump Extraction Port
 Electric Submersible Other _____ Dedicated Tubing

$7.7 \text{ (Gals.)} \times 3 = 23.1 \text{ Gals.}$	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Well Diameter</th> <th>Multiplier</th> <th>Well Diameter</th> <th>Multiplier</th> </tr> </thead> <tbody> <tr> <td>1"</td> <td>0.04</td> <td>4"</td> <td>0.65</td> </tr> <tr> <td>2"</td> <td>0.16</td> <td>6"</td> <td>1.47</td> </tr> <tr> <td>3"</td> <td>0.37</td> <td>Other</td> <td>radius² * 0.163</td> </tr> </tbody> </table>	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
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														
1 Case Volume	Specified Volumes	Calculated Volume															

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
1059	65.7	7.6	701	7200	9	-
1101	66.1	7.1	834	7200	16	-
1102	66.2	7.1	849	7200	24	-

Did well dewater? Yes NO Gallons actually evacuated: 24

Sampling Time: 1110 Sampling Date: 12-31-01

Sample I.D.: 5-10 Laboratory: Kim Sequoia Other _____

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

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

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

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

EQUIVA WELL MONITORING DATA SHEET

BTS #: <u>011231-JB1</u>	Site: <u>3790 Hopyard Rd. Pleasanton</u>
Sampler: <u>Joan B</u>	Date: <u>12-31-01</u>
Well I.D.: <u>T-2</u>	Well Diameter: 2 3 4 6 8
Total Well Depth: <u>12.85</u>	Depth to Water: <u>4.96</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC <u>Grade</u>	D.O. Meter (if req'd): YSI HACH

Purge Method: Bailer Disposable Bailer Middleburg <u>Electric Submersible</u>	Wattera Peristaltic Extraction Pump Other _____	Sampling Method: <u>Bailer</u> Disposable Bailer Extraction Port Dedicated Tubing Other: _____
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11.6 (Gals.) X 3 = 34.8 Gals.
I Case Volume Specified Volumes Calculated Volume

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

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
1015	65.3	7.1	854	72	12	—
1017	65.6	6.7	825	43	24	—
1018	65.8	6.7	820	40	35	—

Did well dewater? Yes NO Gallons actually evacuated: 35

Sampling Time: 1020 Sampling Date: 12-31-01

Sample I.D.: T-2 Laboratory: Kim Sequoia Other _____

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

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

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

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

