CAMBRIA

April 19, 2000

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

STID 295

Re: **First Quarter 2000 Monitoring Report**
Former Shell Service Station
461 8th Street
Oakland, California
Incident #97093399
Cambria Project #242-1501-002

Dear Mr. Seto:

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.

FIRST QUARTER 2000 ACTIVITIES

Groundwater Monitoring: Blaine Tech Services, Inc. (Blaine) of San Jose, California checked for separate-phase hydrocarbon (SPH) and gauged and sampled the site wells. No SPH was detected this quarter. Blaine calculated groundwater elevations and compiled the analytical data. Cambria prepared a site location map (Figure 1) and groundwater elevation contour map (Figure 2). The Blaine report, presenting the laboratory report and supporting field documents, is presented as Attachment A.

Monitoring Well Purging: Blaine purged 100 gallons of groundwater from well S-6 this quarter. Cumulative groundwater purge volume and mass removal data is presented in Table 1. The cumulative mass of total hydrocarbons as gasoline and methyl tert-butyl ether removed is approximately 1.0 and 0.004 pounds, respectively.

ANTICIPATED SECOND QUARTER 2000 ACTIVITIES

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

Oakland, CA
San Ramon, CA
Sonoma, CA
Portland, OR

Cambria Environmental Technology, Inc.

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

Monitoring Well Purging: Blaine will purge groundwater from wells S-5 and S-6. Cambria will calculate mass removal data.

CLOSING

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

Sincerely,
Cambria Environmental Technology, Inc

Troy A. Buggle
Senior Staff Scientist

Diane M. Lundquist, P.E.
Principal Engineer

Figure: 1 - Vicinity Map
2 - Groundwater Elevation Contour Map
Table: 1 - Mass Removal Data
Attachment: A - Blaine Groundwater Monitoring Report and Field Notes

cc: Karen Petryna, Equiva Services LLC, P.O. Box 7869, Burbank, California 91510-7869
Rory Campbell, Hanson, Bridgett, Marcus, Vlahos, & Rudy, 333 Market Street, Suite 2300, San Francisco, California 94105-2173
Wells Fargo Bank National Association, Tr. (Property Owners), c/o Pacific Property, 364 Bush Street, San Francisco, CA 94104-2805
R. Casteel & Co., P.O. Box 6839, Moraga, California 94570
Leroy Griffin, City of Oakland Fire Department, 1605 Martin Luther King, Jr. Way, Second Floor, Oakland, CA 94612

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04/19/00

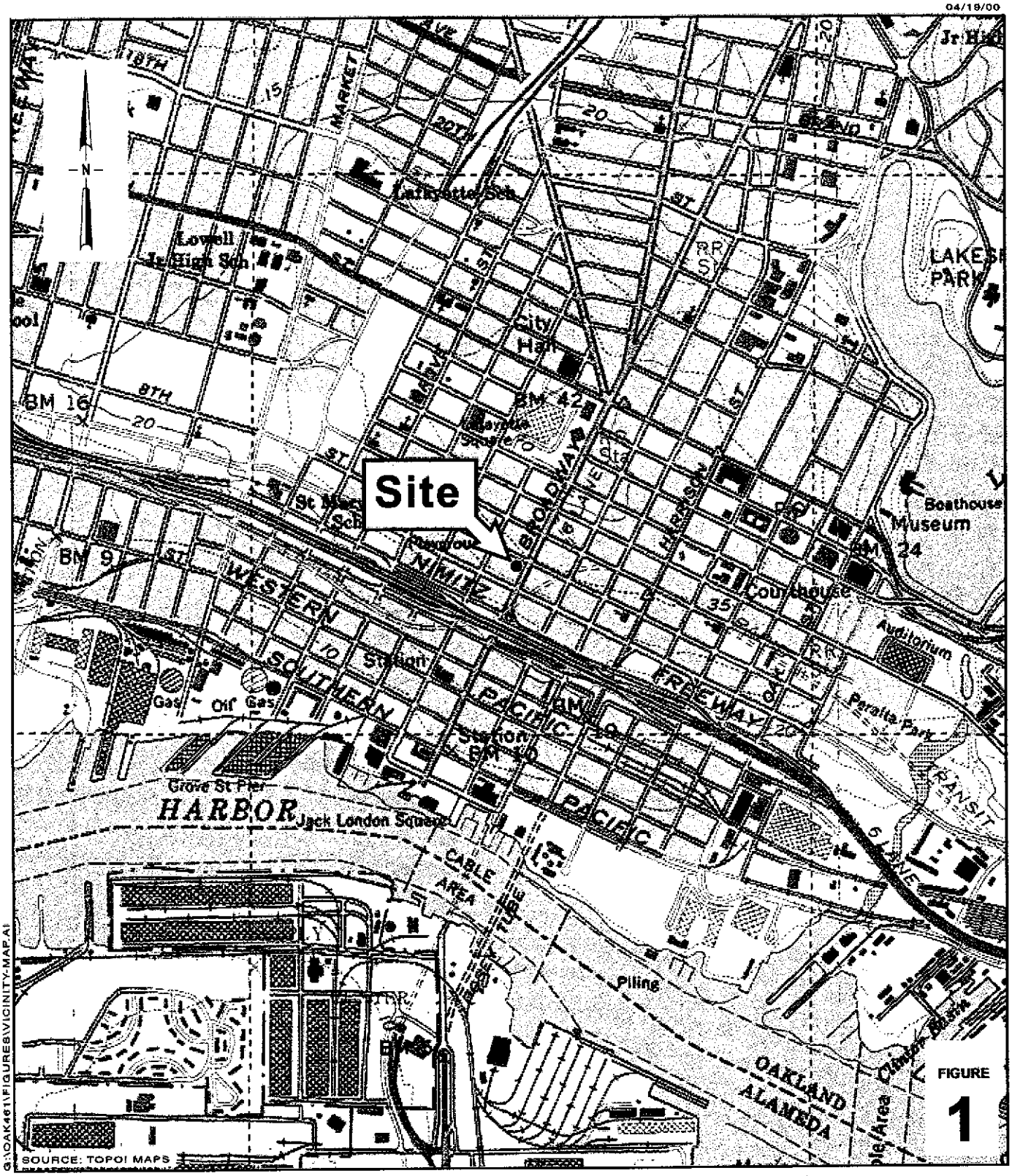

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FIGURE 1

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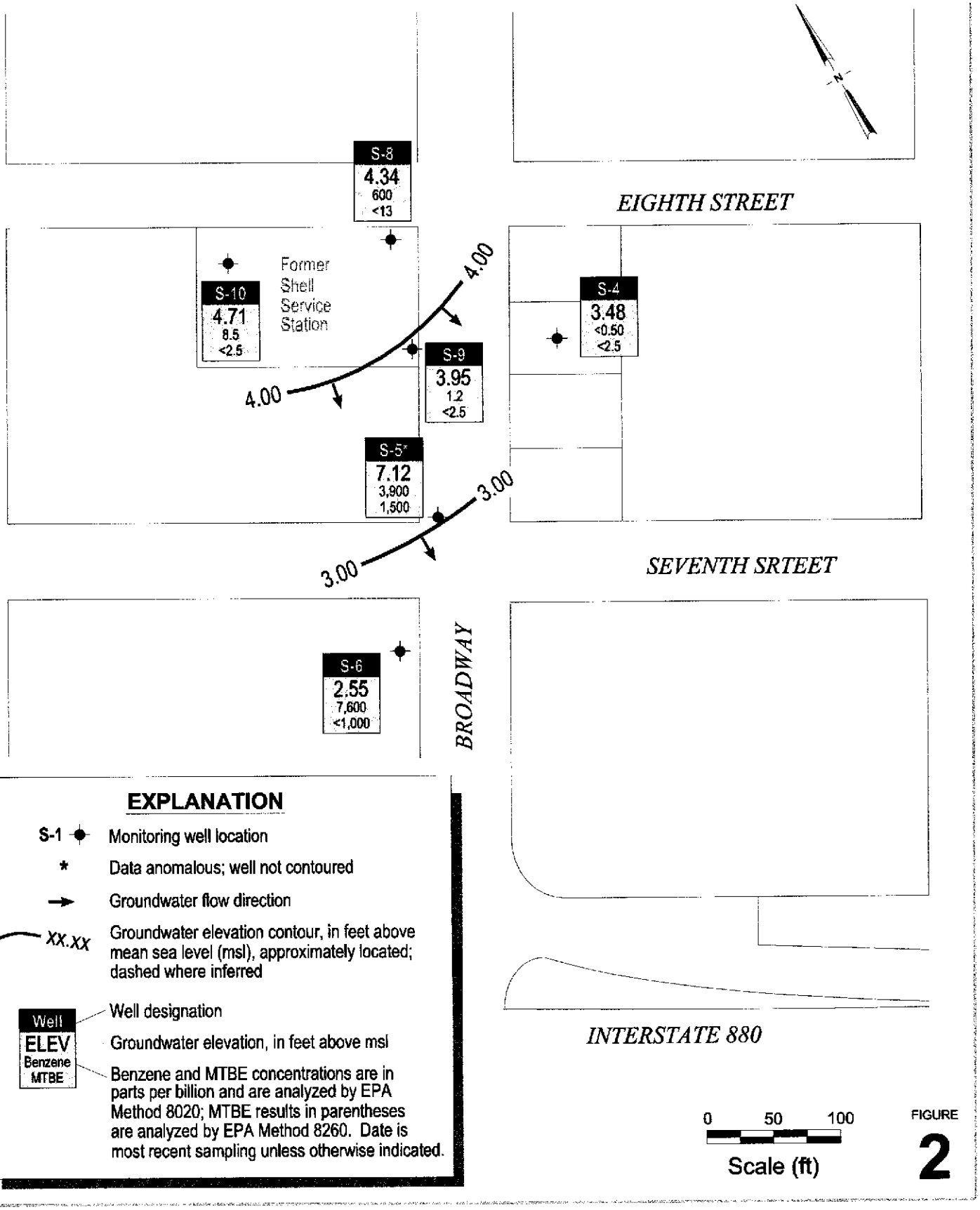
SCALE 1:1/4 MILE

Shell-branded Service Station
461 Eighth Street
Oakland, California
Incident #97093399

CAMBRIA

Vicinity Map



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Former Shell Service Station
461 Eighth Street
Oakland, California
Incident #97093399

CAMBRIA

Groundwater Elevation Contour Map

January 7, 2000

Table 1: Mass Removal Data - Shell-branded Service Station, Incident #97093399, 461 Eighth Street, Oakland, California

Date Purged	Well ID	Volume Pumped (gal)	Cumulative Volume Pumped (gal)	Sample Date	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)
05/13/93	S-5	0	0	07/31/90	53,000	0.00000	0.00000	14,000	0.00000	0.00000	NA	0.00000	0.00000
07/22/93	S-5	200	200	07/31/90	53,000	0.08845	0.08845	14,000	0.02336	0.02336	NA	0.00000	0.00000
10/20/93	S-5	200	400	07/31/90	53,000	0.08845	0.17690	14,000	0.02336	0.04673	NA	0.00000	0.00000
01/25/94	S-5	150	550	07/31/90	53,000	0.06634	0.24324	14,000	0.01752	0.06425	NA	0.00000	0.00000
04/25/94	S-5	36	586	07/31/90	53,000	0.01592	0.25916	14,000	0.00421	0.06846	NA	0.00000	0.00000
05/26/94	S-5	130	716	07/31/90	53,000	0.05749	0.31665	14,000	0.01519	0.08364	NA	0.00000	0.00000
06/16/94	S-5	50	766	07/31/90	53,000	0.02211	0.33876	14,000	0.00584	0.08948	NA	0.00000	0.00000
07/21/94	S-5	50	816	07/31/90	53,000	0.02211	0.36088	14,000	0.00584	0.09533	NA	0.00000	0.00000
08/25/94	S-5	80	896	07/31/90	53,000	0.03538	0.39626	14,000	0.00935	0.10467	NA	0.00000	0.00000
09/22/94	S-5	45	941	07/31/90	53,000	0.01990	0.41616	14,000	0.00526	0.10993	NA	0.00000	0.00000
10/24/94	S-5	40	981	07/31/90	53,000	0.01769	0.43385	14,000	0.00467	0.11460	NA	0.00000	0.00000
11/29/94	S-5	85	1,066	07/31/90	53,000	0.03759	0.47144	14,000	0.00993	0.12453	NA	0.00000	0.00000
12/22/94	S-5	0	1,066	07/31/90	53,000	0.00000	0.47144	14,000	0.00000	0.12453	NA	0.00000	0.00000
01/03/95	S-5	40	1,106	07/31/90	53,000	0.01769	0.48913	14,000	0.00467	0.12920	NA	0.00000	0.00000
02/22/95	S-5	60	1,166	07/31/90	53,000	0.02654	0.51566	14,000	0.00701	0.13621	NA	0.00000	0.00000
03/31/95	S-5	40	1,206	07/31/90	53,000	0.01769	0.53335	14,000	0.00467	0.14089	NA	0.00000	0.00000
04/20/95	S-5	60	1,266	07/31/90	53,000	0.02654	0.55989	14,000	0.00701	0.14790	NA	0.00000	0.00000
05/26/95	S-5	50	1,316	07/31/90	53,000	0.02211	0.58200	14,000	0.00584	0.15374	NA	0.00000	0.00000
06/30/95	S-5	60	1,376	07/31/90	53,000	0.02654	0.60854	14,000	0.00701	0.16075	NA	0.00000	0.00000
10/04/95	S-5	0	1,376	07/31/90	53,000	0.00000	0.60854	14,000	0.00000	0.16075	NA	0.00000	0.00000
01/03/96	S-5	0	1,376	07/31/90	53,000	0.00000	0.60854	14,000	0.00000	0.16075	NA	0.00000	0.00000
04/11/96	S-5	0	1,376	07/31/90	53,000	0.00000	0.60854	14,000	0.00000	0.16075	NA	0.00000	0.00000
07/11/96	S-5	0	1,376	07/31/90	53,000	0.00000	0.60854	14,000	0.00000	0.16075	NA	0.00000	0.00000
10/02/96	S-5	0	1,376	07/31/90	53,000	0.00000	0.60854	14,000	0.00000	0.16075	NA	0.00000	0.00000
01/22/97	S-5	0	1,376	07/31/90	53,000	0.00000	0.60854	14,000	0.00000	0.16075	NA	0.00000	0.00000
07/21/97	S-5	75	1,451	07/31/90	53,000	0.03317	0.64171	14,000	0.00876	0.16951	NA	0.00000	0.00000
10/29/97	S-5	60	1,511	07/31/90	53,000	0.02654	0.66824	14,000	0.00701	0.17652	NA	0.00000	0.00000
01/22/98	S-5	60	1,571	07/31/90	53,000	0.02654	0.69478	14,000	0.00701	0.18353	NA	0.00000	0.00000
05/01/98	S-5	50	1,621	07/31/90	53,000	0.02211	0.71689	14,000	0.00584	0.18937	NA	0.00000	0.00000
07/08/98	S-5	100	1,721	07/31/90	53,000	0.04423	0.76111	14,000	0.01168	0.20105	NA	0.00000	0.00000
10/26/98	S-5	100	1,821	07/31/90	53,000	0.04423	0.80534	14,000	0.01168	0.21273	NA	0.00000	0.00000
01/28/99	S-5	100	1,921	01/28/99	51,000	0.04256	0.84790	13,000	0.01085	0.22358	2,400	0.00200	0.00200
04/23/99	S-5	100	2,021	04/23/99	65,600	0.05474	0.90263	2,540	0.00212	0.22570	< 1,000	< 0.00083	< 0.00083

Table 1: Mass Removal Data - Shell-branded Service Station, Incident #97093399, 461 Eighth Street, Oakland, California

Date Purged	Well ID	Volume Pumped (gal)	Cumulative Volume Pumped (gal)	Sample Date	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)
07/29/99	S-5	0	2,021	07/29/99	61,400	0.00000	0.90263	3,320	0.00000	0.22570	< 1,000	< 0.00000	< 0.00000
11/01/99	S-5	100	2,121	11/01/99	48,200	0.04022	0.94285	2,700	0.00225	0.22795	**< 40.0**	< 0.00003	< 0.00003
01/07/00	S-5	100	2,221	01/07/00	39,000	0.03254	0.97540	3,900	0.00325	0.23121	1,500	0.00125	< 0.00125
05/13/93	S-6	0	0	05/13/93	58,000	0.00000	0.00000	21,000	0.00000	0.00000	NA	NA	NA
07/22/93	S-6	0	0	07/22/93	70,000	0.00000	0.00000	31,000	0.00000	0.00000	NA	NA	NA
10/20/93	S-6	0	0	10/20/93	48,000	0.00000	0.00000	28,000	0.00000	0.00000	NA	NA	NA
01/25/94	S-6	0	0	01/25/94	70,000	0.00000	0.00000	23,000	0.00000	0.00000	NA	NA	NA
04/25/94	S-6	0	0	04/25/94	61,000	0.00000	0.00000	23,000	0.00000	0.00000	NA	NA	NA
05/26/94	S-6	NA	0	04/25/94	61,000	0.00000	0.00000	23,000	0.00000	0.00000	NA	NA	NA
06/16/94	S-6	NA	0	04/25/94	61,000	0.00000	0.00000	23,000	0.00000	0.00000	NA	NA	NA
07/21/94	S-6	NA	0	07/21/94	44,000	0.00000	0.00000	8,200	0.00000	0.00000	NA	NA	NA
08/25/94	S-6	NA	0	07/21/94	44,000	0.00000	0.00000	8,200	0.00000	0.00000	NA	NA	NA
09/22/94	S-6	NA	0	07/21/94	44,000	0.00000	0.00000	8,200	0.00000	0.00000	NA	NA	NA
10/24/94	S-6	0	0	10/24/94	2,936	0.00000	0.00000	1,184	0.00000	0.00000	NA	NA	NA
11/29/94	S-6	NA	0	10/24/94	2,936	0.00000	0.00000	1,184	0.00000	0.00000	NA	NA	NA
12/22/94	S-6	0	0	12/22/94	32,000	0.00000	0.00000	7,000	0.00000	0.00000	NA	NA	NA
01/03/95	S-6	NA	0	12/22/94	32,000	0.00000	0.00000	7,000	0.00000	0.00000	NA	NA	NA
02/22/95	S-6	NA	0	12/22/94	32,000	0.00000	0.00000	7,000	0.00000	0.00000	NA	NA	NA
03/31/95	S-6	NA	0	12/22/94	32,000	0.00000	0.00000	7,000	0.00000	0.00000	NA	NA	NA
04/20/95	S-6	0	0	04/20/95	56,000	0.00000	0.00000	15,000	0.00000	0.00000	NA	NA	NA
05/26/95	S-6	NA	0	04/20/95	56,000	0.00000	0.00000	15,000	0.00000	0.00000	NA	NA	NA
06/30/95	S-6	NA	0	04/20/95	56,000	0.00000	0.00000	15,000	0.00000	0.00000	NA	NA	NA
10/04/95	S-6	0	0	10/04/95	49,000	0.00000	0.00000	8,400	0.00000	0.00000	NA	NA	NA
01/03/96	S-6	0	0	01/03/96	52,000	0.00000	0.00000	9,100	0.00000	0.00000	NA	NA	NA
04/11/96	S-6	0	0	04/11/96	59,000	0.00000	0.00000	11,000	0.00000	0.00000	NA	NA	NA
07/11/96	S-6	0	0	07/11/96	72,000	0.00000	0.00000	18,000	0.00000	0.00000	NA	NA	NA
10/02/96	S-6	0	0	10/02/96	57,000	0.00000	0.00000	11,000	0.00000	0.00000	NA	NA	NA
01/22/97	S-6	0	0	01/22/97	67,000	0.00000	0.00000	15,000	0.00000	0.00000	NA	NA	NA
07/21/97	S-6	0	0	07/21/97	61,000	0.00000	0.00000	15,000	0.00000	0.00000	NA	NA	NA
10/29/97	S-6	40	40	07/21/97	61,000	0.02036	0.02036	15,000	0.00501	0.00501	NA	NA	NA
01/22/98	S-6	60	100	01/22/98	46,000	0.02303	0.04339	14,000	0.00701	0.01202	NA	NA	NA

Table 1: Mass Removal Data - Shell-branded Service Station, Incident #97093399, 461 Eighth Street, Oakland, California

Date Purged	Well ID	Volume Pumped (gal)	Cumulative Volume Pumped (gal)	Sample Date	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)
05/01/98	S-6	200	300	01/22/98	46,000	0.07677	0.12016	14,000	0.02336	0.03538	NA	NA	NA
07/08/98	S-6	150	450	07/08/98	74,000	0.09262	0.21278	26,000	0.03254	0.06792	NA	NA	NA
10/26/98	S-6	100	550	07/08/98	74,000	0.06175	0.27453	26,000	0.02170	0.08962	NA	NA	NA
01/28/99	S-6	150	700	01/28/99	120,000	0.15020	0.42473	9,000	0.01126	0.10088	3,700	0.00463	0.00463
04/23/99	S-6	150	850	04/23/99	58,500	0.07322	0.49795	15,900	0.01990	0.12078	< 2,500	< 0.00313	< 0.00776
07/29/99	S-6	0	850	07/29/99	36,200	0.00000	0.49795	10,300	0.00000	0.12078	< 1,000	< 0.00000	< 0.00776
11/01/99	S-6	150	1,000	11/01/99	36,000	0.04506	0.54301	11,700	0.01464	0.13543	**< 40.0**	< 0.00005	< 0.00781
01/07/00	S-6	0	1,000	01/07/00	36,000	0.00000	0.54301	7,600	0.00000	0.13543	< 1,000	< 0.00000	< 0.00781
Total Gallons Extracted:			**3,221**	**Total Pounds Removed:**		**0.97540**			**0.23121**			**< 0.00412**	
				Total Gallons Removed:		**0.15990**			**0.03167**			**< 0.00066**	

Abbreviations and Notes:

TPPH = Total purgeable hydrocarbons as gasoline
MtBE = Methyl tert-butyl ether
µg/L = Micrograms per liter
ppb = Parts per billion, equivalent to µg/L
L = Liter
gal = Gallon
g = Gram
* = Concentration based on most recent groundwater monitoring results
NA = Not available/not analyzed
Mass removed based on the formula: volume extracted (gal) x Concentration (µg/L) x (g/10^6µg) 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
Purging from June 17, 1999 through September 10, 1999 performed by Blaine Technologies of San Jose, California
Purging from October 7, 1999 performed by Advanced Cleanup Technologies, Inc. of Benecia, California

ATTACHMENT A

Blaine Ground Water Monitoring Report
and Field Notes

BLAINE
TECH SERVICES INC.

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

February 21, 2000

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

First Quarter 2000 Groundwater Monitoring at
Shell-branded Service Station
461 8th Street
Oakland, CA

Monitoring performed on January 7, 2000

Groundwater Monitoring Report **000107-S-1**

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

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

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

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

Please call if you have any questions.

Yours truly,

Deidre Kerwin
Operations Manager

DK/jh

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
461 8th Street
Oakland, CA
Wic #204-5508-6200

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOB (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)
S-4	10/26/1988	130	3.8	13	4.0	30	NA	NA	93.51 (TOC)	NA	NA	NA
S-4	02/14/1989	<50	0.5	<1	<1	3.0	NA	NA	93.51 (TOC)	12.82	80.69	NA
S-4	05/01/1989	Well dry	NA	NA	NA	NA	NA	NA	93.51 (TOC)	16.48	77.03	NA
S-4	07/27/1989	Well dry	NA	NA	NA	NA	NA	NA	93.51 (TOC)	15.84	77.67	NA
S-4	10/05/1989	Well dry	NA	NA	NA	NA	NA	NA	93.51 (TOC)	15.98	77.53	NA
S-4	01/09/1990	Well dry	NA	NA	NA	NA	NA	NA	93.51 (TOC)	15.86	77.65	NA
S-4	04/30/1990	<50	<0.5	<0.5	<0.5	<1	NA	NA	93.51 (TOC)	14.48	79.03	NA
S-4	07/31/1990	Well dry	NA	NA	NA	NA	NA	NA	93.51 (TOC)	NA	NA	NA
S-4	10/30/1990	Well dry	NA	NA	NA	NA	NA	NA	93.51 (TOC)	NA	NA	NA
S-4	05/06/1991	Well dry	NA	NA	NA	NA	NA	NA	93.51 (TOC)	15.23	78.28	NA
S-4	06/27/1991	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	93.51 (TOC)	13.54	79.97	NA
S-4	09/24/1991	Well dry	NA	NA	NA	NA	NA	NA	93.51 (TOC)	15.85	77.66	NA
S-4	11/07/1991	Well dry	NA	NA	NA	NA	NA	NA	93.51 (TOC)	15.60	77.91	NA
S-4	02/13/1992	<50	<0.5	<0.5	<0.5	3.0	NA	NA	93.51 (TOC)	14.27	79.24	NA
S-4	05/11/1992	Well dry	NA	NA	NA	NA	NA	NA	93.51 (TOC)	NA	NA	NA
S-4	12/03/1992	Well inaccessible		NA	NA	NA	NA	NA	93.51 (TOC)	NA	NA	NA
S-4	05/13/1993	Well inaccessible		NA	NA	NA	NA	NA	93.51 (TOC)	14.81	78.70	NA
S-4	07/22/1993	Well inaccessible		NA	NA	NA	NA	NA	93.51 (TOC)	14.42	79.09	NA
S-4	10/20/1993	Well inaccessible		NA	NA	NA	NA	NA	93.51 (TOC)	NA	NA	NA
S-4	01/25/1994	Well inaccessible		NA	NA	NA	NA	NA	93.51 (TOC)	14.60	78.91	NA
S-4	04/25/1994	Well inaccessible		NA	NA	NA	NA	NA	93.51 (TOC)	14.39	79.12	NA
S-4	07/21/1994	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	93.51 (TOC)	22.29	71.22	NA
S-4	10/24/1994	<500	<0.3	<0.3	<0.3	<0.6	NA	NA	93.51 (TOC)	22.72	70.79	NA
S-4	12/22/1994	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	25.77*	22.25	3.52	NA
S-4	04/20/1995	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	25.77	21.16	4.61	NA
S-4	10/04/1995	<50	1.2	0.7	<0.5	<0.5	NA	NA	25.77	22.25	3.52	NA

WELL CONCENTRATIONS
Shell-branded Service Station
461 8th Street
Oakland, CA
Wic #204-5508-6200

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOB (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)
S-4	01/03/1996	<50	0.6	<0.5	<0.5	1.7	NA	NA	25.77	23.28	2.49	NA
S-4	04/11/1996	<50	<0.5	<0.5	<0.5	<0.5	<2.5	NA	25.77	21.58	4.19	NA
S-4	07/11/1996	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	25.77	21.60	4.17	NA
S-4	10/02/1996	<50	<0.50	<0.50	<0.50	<0.50	2.6	NA	25.77	22.46	3.31	NA
S-4	01/22/1997	<50	0.73	<0.50	<0.50	0.63	<2.5	NA	25.77	20.06	5.71	NA
S-4	07/21/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	25.77	22.10	3.67	NA
S-4	01/22/1998	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	25.77	20.50	5.27	NA
S-4	07/08/1998	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	25.77	20.86	4.91	NA
S-4	10/26/1998	NA	NA	NA	NA	NA	NA	NA	25.77	21.41	4.36	NA
S-4	01/28/1999	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	25.77	22.34	3.43	NA
S-4	04/23/1999	NA	NA	NA	NA	NA	NA	NA	25.77	21.43	4.34	NA
S-4	07/29/1999	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	NA	25.77	21.45	4.32	NA
S-4	11/01/1999	NA	NA	NA	NA	NA	NA	NA	25.77	22.08	3.69	NA
S-4	01/07/2000	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	25.77	22.29	3.48	NA
S-5	04/16/1987	130000	15000	16000	NA	14000a	NA	NA	99.36 (TOC)	NA	NA	NA
S-5	10/26/1988	110000	20000	25000	2300	10000	NA	NA	99.36 (TOC)	NA	NA	NA
S-5	02/14/1989	94000	16000	21000	1800	10000	NA	NA	99.36 (TOC)	19.87	79.49	NA
S-5	05/01/1989	120000	29000	35000	3100	15000	NA	NA	99.36 (TOC)	21.23	78.13	NA
S-5	07/27/1989	110000	20000	29000	2400	14000	NA	NA	99.36 (TOC)	20.41	78.95	NA
S-5	10/05/1989	NA	NA	NA	NA	NA	NA	NA	99.36 (TOC)	20.43	78.94	0.01
S-5	01/09/1990	NA	NA	NA	NA	NA	NA	NA	99.36 (TOC)	21.16	78.21	0.01
S-5	04/30/1990	100000	13000	22000	2100	11000	NA	NA	99.36 (TOC)	20.96	78.40	NA
S-5	07/31/1990	53000	8300	14000	1200	7400	NA	NA	99.36 (TOC)	20.88	78.48	NA
S-5	10/30/1990	NA	NA	NA	NA	NA	NA	NA	99.36 (TOC)	21.96	77.42	0.03
S-5	05/06/1991	NA	NA	NA	NA	NA	NA	NA	99.36 (TOC)	23.00	76.46	0.13

WELL CONCENTRATIONS
Shell-branded Service Station
461 8th Street
Oakland, CA
Wic #204-5508-6200

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOB (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)
S-5	06/27/1991	NA	NA	NA	NA	NA	NA	NA	99.36 (TOC)	20.53	78.85	0.03
S-5	09/24/1991	NA	NA	NA	NA	NA	NA	NA	99.36 (TOC)	21.40	78.01	0.06
S-5	11/07/1991	NA	NA	NA	NA	NA	NA	NA	99.36 (TOC)	21.33	78.23	0.25
S-5	02/13/1992	NA	NA	NA	NA	NA	NA	NA	99.36 (TOC)	22.52	77.09	0.31
S-5	05/11/1992	NA	NA	NA	NA	NA	NA	NA	99.36 (TOC)	22.46	77.36	0.58
S-5	12/03/1992	Well inaccessible		NA	NA	NA	NA	NA	99.36 (TOC)	NA	NA	NA
S-5	05/13/1993	NA	NA	NA	NA	NA	NA	NA	99.36 (TOC)	22.22	77.36	0.27
S-5	07/22/1993	NA	NA	NA	NA	NA	NA	NA	99.36 (TOC)	21.68	77.88	0.25
S-5	10/20/1993	NA	NA	NA	NA	NA	NA	NA	99.36 (TOC)	20.51	79.03	0.23
S-5	01/25/1994	NA	NA	NA	NA	NA	NA	NA	99.36 (TOC)	21.93	77.57	0.18
S-5	04/25/1994	NA	NA	NA	NA	NA	NA	NA	99.36 (TOC)	21.97	77.67	0.35
S-5	05/26/1994	NA	NA	NA	NA	NA	NA	NA	99.36 (TOC)	20.84	78.80	0.35
S-5	06/10/1994	NA	NA	NA	NA	NA	NA	NA	99.36 (TOC)	21.01	78.61	0.32
S-5	07/21/1994	NA	NA	NA	NA	NA	NA	NA	99.36 (TOC)	22.18	77.56	0.47
S-5	08/25/1994	NA	NA	NA	NA	NA	NA	NA	99.36 (TOC)	22.01	77.70	0.44
S-5	09/22/1994	NA	NA	NA	NA	NA	NA	NA	99.36 (TOC)	22.00	77.48	0.15
S-5	10/24/1994	NA	NA	NA	NA	NA	NA	NA	99.36 (TOC)	22.28	77.53	0.56
S-5	12/22/1994	NA	NA	NA	NA	NA	NA	NA	22.94*	22.88	0.85	0.99
S-5	04/20/1995	NA	NA	NA	NA	NA	NA	NA	22.94	21.66	1.54	0.33
S-5	10/04/1995	NA	NA	NA	NA	NA	NA	NA	22.94	22.18	0.76	NA
S-5	01/03/1996	NA	NA	NA	NA	NA	NA	NA	22.94	22.80	0.80	0.83
S-5	04/11/1996	NA	NA	NA	NA	NA	NA	NA	22.94	21.15	2.33	0.67
S-5	07/11/1996	NA	NA	NA	NA	NA	NA	NA	22.94	22.62	1.04	0.90
S-5	10/02/1996	NA	NA	NA	NA	NA	NA	NA	22.94	23.07	0.38	0.64
S-5	01/22/1997	NA	NA	NA	NA	NA	NA	NA	22.94	20.83	2.24	0.16
S-5	07/21/1997	NA	NA	NA	NA	NA	NA	NA	22.94	21.16	1.82	0.05

WELL CONCENTRATIONS
Shell-branded Service Station
461 8th Street
Oakland, CA
Wic #204-5508-6200

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOB (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)
S-5	01/22/1998	NA	NA	NA	NA	NA	NA	NA	22.94	20.04	2.93	0.04
S-5	07/08/1998	220	14	40	5.8	34	3.3	NA	22.94	18.61	4.33	NA
S-5	10/26/1998	NA	NA	NA	NA	NA	NA	NA	22.94	17.31	5.63	NA
S-5	01/28/1999	51000	13000	1200	1200	2400	2400	NA	22.94	20.11	2.83	NA
S-5	04/23/1999	65600	2540	7300	1790	9840	<1000	NA	22.94	19.21	3.73	NA
S-5	07/29/1999	61400	3320	6980	1520	7700	<1000	NA	22.94	14.77	8.17	NA
S-5	11/01/1999	48200	2700	5740	1290	7850	<500	<40.0	22.94	15.56	7.38	NA
S-5	01/07/2000	39000	3900	8500	790	8300	1500	NA	22.94	15.82	7.12	NA
S-6	04/16/1987	81000	16000	9000	NA	6400a	NA	NA	100.58 (TOC)	NA	NA	NA
S-6	10/26/1988	110000	29000	18000	2500	8200	NA	NA	100.58 (TOC)	NA	NA	NA
S-6	02/14/1989	54000	18000	4500	1400	4000	NA	NA	100.58 (TOC)	20.87	79.71	NA
S-6	05/01/1989	93000	43000	9900	3000	8000	NA	NA	100.58 (TOC)	20.49	80.09	NA
S-6	07/27/1989	52000	20000	3200	1700	5500	NA	NA	100.58 (TOC)	21.01	79.57	NA
S-6	10/05/1989	55000	20000	2900	1600	5500	NA	NA	100.58 (TOC)	21.24	79.34	NA
S-6	01/09/1990	76000	35000	9100	2300	8600	NA	NA	100.58 (TOC)	22.62	77.96	SHEEN
S-6	04/30/1990	39000	13000	2300	900	2800	NA	NA	100.58 (TOC)	22.10	78.48	NA
S-6	07/31/1990	48000	20000	4600	1500	4900	NA	NA	100.58 (TOC)	22.00	78.58	NA
S-6	10/30/1990	27000	7400	900	600	1400	NA	NA	100.58 (TOC)	22.14	78.44	NA
S-6	05/06/1991	35000	3900	2700	2300	3500	NA	NA	100.58 (TOC)	22.40	78.18	NA
S-6	06/27/1991	51000	19000	5600	1700	6300	NA	NA	100.58 (TOC)	21.21	79.37	NA
S-6	09/24/1991	42000	14000	4300	1200	4000	NA	NA	100.58 (TOC)	22.26	78.32	NA
S-6	11/07/1991	39000	11000	2000	800	2300	NA	NA	100.58 (TOC)	22.35	78.23	NA
S-6	02/13/1992	64000	21000	6200	1600	5100	NA	NA	100.58 (TOC)	22.28	78.30	NA
S-6	05/11/1992	57000	22000	7600	2200	7700	NA	NA	100.58 (TOC)	22.10	78.48	NA
S-6	12/03/1992	110000	26000	9400	2100	8700	NA	NA	100.58 (TOC)	22.14	78.44	NA

WELL CONCENTRATIONS
Shell-branded Service Station
461 8th Street
Oakland, CA
Wic #204-5508-6200

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOB (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)
S-6	05/13/1993	58000	21000	6800	2500	9800	NA	NA	100.58 (TOC)	22.16	78.42	NA
S-6	07/22/1993	70000	31000	14000	3000	13000	NA	NA	100.58 (TOC)	21.64	78.94	NA
S-6	10/20/1993	48000	28000	9800	3200	12000	NA	NA	100.58 (TOC)	21.62	78.96	NA
S-6	01/25/1994	70000	23000	7500	2500	8000	NA	NA	100.58 (TOC)	21.80	78.78	NA
S-6	04/25/1994	61000	16000	4000	1800	5100	NA	NA	100.58 (TOC)	21.68	78.90	NA
S-6	07/21/1994	44000	8200	3600	1400	3900	NA	NA	100.58 (TOC)	21.78	78.80	NA
S-6 (D)	07/21/1994	32000	7800	3400	1300	3700	NA	NA	22.08	NA	NA	NA
S-6	10/24/1994	2936	1184	440.6	163	648.4	NA	NA	100.58 (TOC)	22.06	78.52	NA
S-6 (D)	10/24/1994	2968	770.8	325.3	144	622	NA	NA	22.08	NA	NA	NA
S-6	12/22/1994	32000	7000	2900	790	2400	NA	NA	22.08*	21.91	0.17	NA
S-6 (D)	12/22/1994	32000	8000	3800	1100	3400	NA	NA	22.08	NA	NA	NA
S-6	04/20/1995	56000	15000	3800	1900	4900	NA	NA	22.08	21.38	0.70	NA
S-6 (D)	04/20/1995	49000	13000	3500	1800	4700	NA	NA	22.08	NA	NA	NA
S-6	10/04/1995	49000	8400	4700	1800	4800	NA	NA	22.08	21.80	0.28	NA
S-6 (D)	10/04/1995	41000	8400	4100	1400	4400	NA	NA	22.08	NA	NA	NA
S-6	01/03/1996	52000	9100	7100	1800	5800	NA	NA	22.08	21.70	0.38	NA
S-6	04/11/1996	59000	11000	7100	2100	6400	<500	NA	22.08	21.62	0.46	NA
S-6 (D)	04/11/1996	59000	11000	6800	1900	6400	<500	NA	22.08	NA	NA	NA
S-6	07/11/1996	72000	18000	6600	2500	8400	<1000	NA	22.08	21.65	2.78	NA
S-6	10/02/1996	57000	11000	6500	1500	5100	<500	NA	22.08	21.80	2.63	NA
S-6	01/22/1997	67000	15000	5000	1800	5400	<1000	NA	22.08	19.95	2.13	NA
S-6 (D)	01/22/1997	63000	15000	4800	1800	5200	<1000	NA	22.08	NA	NA	NA
S-6	07/21/1997	61000	15000	2100	1100	3500`	1900	NA	22.08	20.61	1.47	NA
S-6	01/22/1998	46000	14000	3200	1300	3400	<500	NA	22.08	19.82	2.26	NA
S-6	07/08/1998	74000	26000	7500	2200	6200	<1000	NA	22.08	18.20	3.88	NA
S-6	10/26/1998	NA	NA	NA	NA	NA	NA	NA	22.08	18.81	3.27	NA

WELL CONCENTRATIONS
Shell-branded Service Station
461 8th Street
Oakland, CA
Wic #204-5508-6200

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOB (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)
S-6	01/28/1999	120000	9000	14000	2700	14000	3700	NA	22.08	19.73	2.35	NA
S-6	04/23/1999	58500	15900	1360	1640	3030	<2500	NA	22.08	17.58	4.50	NA
S-6	07/29/1999	36200	10300	760	930	1360	<1000	NA	22.08	21.35	0.73	NA
S-6	11/01/1999	36000	11700	767	865	1670	<1250	<40.0	22.08	19.23	2.85	NA
S-6	01/07/2000	36000	7600	4600	840	3600	<1000	NA	22.08	19.53	2.55	NA
S-8	12/22/1994	600	120	32	5.2	34	NA	NA	27.21	24.87	2.34	NA
S-8	04/20/1995	460	180	23	5.2	21	NA	NA	27.21	23.90	3.31	NA
S-8	10/04/1995	830	210	38	11	42	NA	NA	27.21	24.48	2.73	NA
S-8	01/03/1996	350	61	12	2.5	12	NA	NA	27.21	24.62	2.59	NA
S-8 (D)	01/03/1996	340	54	12	2.4	12	NA	NA	27.21	NA	NA	NA
S-8	04/11/1996	570	140	37	12	47	<6.2	NA	27.21	24.32	2.89	NA
S-8	07/11/1996	980	98	32	9.1	160	<12	NA	27.21	24.10	3.11	NA
S-8	10/02/1996	280	62	13	3.3	25	15	NA	27.21	25.38	1.83	NA
S-8 (D)	10/02/1996	490	110	24	7.0	45	22	<2.0	27.21	NA	NA	NA
S-8	01/22/1997	400	90	13	4.9	25	12	NA	27.21	23.91	3.30	NA
S-8	07/21/1997	2900	380	110	26	260	85	NA	27.21	23.62	3.59	NA
S-8 (D)	07/21/1997	3200	420	120	32	300	130	NA	27.21	NA	NA	NA
S-8	01/22/1998	3800	790	140	42	330	160	NA	27.21	23.52	3.69	NA
S-8 (D)	01/22/1998	3500	780	120	33	300	160	NA	27.21	NA	NA	NA
S-8	07/08/1998	3600	1800	<25	<25	<25	<125	NA	27.21	21.52	5.69	NA
S-8 (D)	07/08/1998	4000	1800	<25	<25	31	<125	NA	27.21	NA	NA	NA
S-8	10/26/1998	NA	NA	NA	NA	NA	NA	NA	27.21	22.01	5.20	NA
S-8	01/28/1999	2000	630	6.2	24	51	43	NA	27.21	23.03	4.18	NA
S-8	04/23/1999	1050	408	<5.00	<5.00	6.65	<50.0	NA	27.21	22.15	5.06	NA
S-8	07/29/1999	955	344	<2.50	6.90	16.2	<25.0	NA	27.21	21.95	5.26	NA

WELL CONCENTRATIONS
Shell-branded Service Station
461 8th Street
Oakland, CA
Wic #204-5508-6200

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOB (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)
S-8	11/01/1999	1800	550	6.45	15.00	40.4	<50.0	NA	27.21	22.55	4.66	NA
S-8	01/07/2000	1300	600	11	29	48	<13	NA	27.21	22.87	4.34	NA
S-9	12/22/1994	2600	400	150	42	310	NA	NA	26.06	24.37	1.69	NA
S-9	04/20/1995	1900	400	130	51	200	NA	NA	26.06	23.49	2.57	NA
S-9	10/04/1995	3200	590	260	68	280	NA	NA	26.06	24.01	2.05	NA
S-9	01/03/1996	Well inaccessible		NA	NA	NA	NA	NA	26.06	NA	NA	NA
S-9	04/11/1996	2100	440	1500	42	210	<25	NA	26.06	23.61	2.45	NA
S-9	07/11/1996	5200	940	450	120	520	<50	NA	26.06	23.78	2.28	NA
S-9 (D)	07/11/1996	4800	890	430	110	500	<50	NA	26.06	NA	NA	NA
S-9	10/02/1996	3000	680	220	56	270	<62	NA	26.06	24.31	1.75	NA
S-9	01/22/1997	1500	230	71	36	130	<12	NA	26.06	23.08	2.98	NA
S-9	07/21/1997	3400	590	57	19	210	96	NA	26.06	22.83	3.23	NA
S-9	01/22/1998	2600	300	46	<10	270	62	NA	26.06	21.96	4.10	NA
S-9	07/08/1998	820	150	6.2	8	57	<10	NA	26.06	20.85	5.21	NA
S-9	10/26/1998	NA	NA	NA	NA	NA	NA	NA	26.06	21.39	4.67	NA
S-9	01/28/1999	<50	1.0	<0.50	<0.50	<0.50	<2.5	NA	26.06	22.32	3.74	NA
S-9	04/23/1999	NA	NA	NA	NA	NA	NA	NA	26.06	21.41	4.65	NA
S-9	07/29/1999	117	7.77	0.817	0.683	5.05	<5.00	NA	26.06	21.25	4.81	NA
S-9	11/01/1999	NA	NA	NA	NA	NA	NA	NA	26.06	21.92	4.14	NA
S-9	01/07/2000	<50	1.2	<0.50	<0.50	<0.50	<2.5	NA	26.06	22.11	3.95	NA
S-10	12/22/1994	420	27	8.0	18	45	NA	NA	28.04	25.84	2.20	NA
S-10	04/20/1995	820	49	3.7	97	52	NA	NA	28.04	24.92	3.12	NA
S-10	10/04/1995	240	6.5	1.1	16	12	NA	NA	28.04	25.47	2.57	NA
S-10	01/03/1996	1100	27	4.9	110	70	NA	NA	28.04	25.60	2.44	NA

WELL CONCENTRATIONS
Shell-branded Service Station
461 8th Street
Oakland, CA
Wic #204-5508-6200

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S-10	04/11/1996	530	19	1.6	82	52	<5.0	NA	28.04	25.27	2.77	NA
S-10	07/11/1996	570	16	3.2	53	53	<2.5	NA	28.04	25.46	2.58	NA
S-10	10/02/1996	270	8.2	0.77	24	23	3.3	NA	28.04	25.81	2.23	NA
S-10	01/22/1997	160	4.8	0.73	16	11	<2.5	NA	28.04	24.74	3.30	NA
S-10	07/21/1997	530	5.7	0.70	29	69	<2.5	NA	28.04	24.50	3.54	NA
S-10	01/22/1998	1500	15	<5.0	88	130	<25	NA	28.04	24.44	3.60	NA
S-10	07/08/1998	530	4.8	1.1	47	51	<2.5	NA	28.04	22.36	5.68	NA
S-10	10/26/1998	NA	NA	NA	NA	NA	NA	NA	28.04	22.81	5.23	NA
S-10	01/28/1999	630	4.6	0.98	<0.50	59	<2.5	NA	28.04	23.82	4.22	NA
S-10	04/23/1999	NA	NA	NA	NA	NA	NA	NA	28.04	22.96	5.08	NA
S-10	07/29/1999	728	3.40	<1.00	41.8	38.0	<10.0	NA	28.04	22.63	5.41	NA
S-10	11/01/1999	NA	NA	NA	NA	NA	NA	NA	28.04	23.02	5.02	NA
S-10	01/07/2000	870	8.5	1.3	110	110	<2.5	NA	28.04	23.33	4.71	NA

Abbreviations:

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

BTEX = benzene, toluene, ethylbenzene, xylenes by EPA Method 8020

MTBE = methyl-tertiary-butyl ether

TOC = Top of Casing Elevation

TOB = Top of Wellbox Elevation

SPH = Separate-Phase Hydrocarbons

GW = Groundwater

ug/L = parts per billion

msl = Mean sea level

ft = Feet

WELL CONCENTRATIONS
Shell-branded Service Station
461 8th Street
Oakland, CA
Wic #204-5508-6200

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOB (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)

<n = Below detection limit

D = Duplicate sample

NA = Not applicable

Notes:

* = Prior to December 22, 1994, well elevations taken from Top of Casing.

a = Ethylbenzene and xylenes combined

Sequoia Analytical

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

January 24, 2000

Leah Davis
Blaine Tech Services (Shell)
1680 Rogers Avenue
San Jose, CA 95112

RE: Equiva 461 8th Street, Oakland/M001211

Dear Leah Davis

Enclosed are the results of analyses for sample(s) received by the laboratory on January 7, 2000. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Kayvan Kimyai
Project Manager D.M.

CA ELAP Certificate Number 1210

Sequoia Analytical

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Blaine Tech Services (Shell)	Project:	Equiva	Sampled: 1/7/00
1680 Rogers Avenue	Project Number:	461 8th St.	Received: 1/7/00
San Jose, CA 95112	Project Manager:	Leah Davis	Reported: 1/24/00

ANALYTICAL REPORT FOR M001211

Sample Description	Laboratory Sample Number	Sample Matrix	Date Sampled
S-4	M001211-01	Water	1/7/00
S-5	M001211-02	Water	1/7/00
S-6	M001211-03	Water	1/7/00
S-8	M001211-04	Water	1/7/00
S-9	M001211-05	Water	1/7/00
S-10	M001211-06	Water	1/7/00

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Blaine Tech Services (Shell)	Project:	Equiva	Sampled: 1/7/00
1680 Rogers Avenue	Project Number:	461 8th St.	Received: 1/7/00
San Jose, CA 95112	Project Manager:	Leah Davis	Reported: 1/24/00

Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT
Sequoia Analytical - Walnut Creek

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
S-4			**M001211-01**				**Water**	
Purgeable Hydrocarbons	0A19001	1/19/00	1/19/00	EPA 8015M/8020	50	ND	ug/l	
Benzene	"	"	"	EPA 8015M/8020	0.50	ND	"	
Toluene	"	"	"	EPA 8015M/8020	0.50	ND	"	
Ethylbenzene	"	"	"	EPA 8015M/8020	0.50	ND	"	
Xylenes (total)	"	"	"	EPA 8015M/8020	0.50	ND	"	
Methyl tert-butyl ether	"	"	"	EPA 8015M/8020	2.5	ND	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*70-130*		*104*	%	
S-5			**M001211-02**				**Water**	
Purgeable Hydrocarbons	0A19001	1/19/00	1/19/00	EPA 8015M/8020	20000	**39000**	ug/l	D
Benzene	"	"	"	EPA 8015M/8020	200	**3900**	"	D
Toluene	"	"	"	EPA 8015M/8020	200	**8500**	"	D
Ethylbenzene	"	"	"	EPA 8015M/8020	200	**790**	"	D
Xylenes (total)	"	"	"	EPA 8015M/8020	200	**8300**	"	D
Methyl tert-butyl ether	"	"	"	EPA 8015M/8020	1000	**1500**	"	D
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*70-130*		*101*	%	
S-6			**M001211-03**				**Water**	
Purgeable Hydrocarbons	0A19002	1/19/00	1/19/00	EPA 8015M/8020	20000	**36000**	ug/l	D
Benzene	"	"	"	EPA 8015M/8020	200	**7600**	"	D
Toluene	"	"	"	EPA 8015M/8020	200	**4600**	"	D
Ethylbenzene	"	"	"	EPA 8015M/8020	200	**840**	"	D
Xylenes (total)	"	"	"	EPA 8015M/8020	200	**3600**	"	D
Methyl tert-butyl ether	"	"	"	EPA 8015M/8020	1000	ND	"	D
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*70-130*		*114*	%	
S-8			**M001211-04**				**Water**	
Purgeable Hydrocarbons	0A20003	1/20/00	1/20/00	EPA 8015M/8020	250	**1300**	ug/l	D
Benzene	"	"	"	EPA 8015M/8020	2.5	**600**	"	D
Toluene	"	"	"	EPA 8015M/8020	2.5	**11**	"	D
Ethylbenzene	"	"	"	EPA 8015M/8020	2.5	**29**	"	D
Xylenes (total)	"	"	"	EPA 8015M/8020	2.5	**48**	"	D
Methyl tert-butyl ether	"	"	"	EPA 8015M/8020	13	ND	"	D
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*70-130*		*92.3*	%	
S-9			**M001211-05**				**Water**	
Purgeable Hydrocarbons	0A19003	1/19/00	1/19/00	EPA 8015M/8020	50	ND	ug/l	
Benzene	"	"	"	EPA 8015M/8020	0.50	**1.2**	"	
Toluene	"	"	"	EPA 8015M/8020	0.50	ND	"	
Ethylbenzene	"	"	"	EPA 8015M/8020	0.50	ND	"	
Xylenes (total)	"	"	"	EPA 8015M/8020	0.50	ND	"	

Sequoia Analytical

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Blaine Tech Services (Shell)	Project:	Equiva	Sampled: 1/7/00
1680 Rogers Avenue	Project Number:	461 8th St.	Received: 1/7/00
San Jose, CA 95112	Project Manager:	Leah Davis	Reported: 1/24/00

Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT
Sequoia Analytical - Walnut Creek

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
S-9 (continued)			**M001211-05**				**Water**	
Methyl tert-butyl ether	0A19003	1/19/00	1/19/00	EPA 8015M/8020	2.5	ND	ug/l	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*70-130*		*102*	%	
S-10			**M001211-06**				**Water**	
Purgeable Hydrocarbons	0A19003	1/19/00	1/19/00	EPA 8015M/8020	50	**870**	ug/l	
Benzene	"	"	"	EPA 8015M/8020	0.50	**8.5**	"	
Toluene	"	"	"	EPA 8015M/8020	0.50	**1.3**	"	
Ethylbenzene	"	"	"	EPA 8015M/8020	0.50	**110**	"	
Xylenes (total)	"	"	"	EPA 8015M/8020	0.50	**110**	"	
Methyl tert-butyl ether	"	"	"	EPA 8015M/8020	2.5	ND	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*70-130*		*84.7*	%	

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Blaine Tech Services (Shell)	Project:	Equiva	Sampled: 1/7/00
1680 Rogers Avenue	Project Number:	461 8th St.	Received: 1/7/00
San Jose, CA 95112	Project Manager:	Leah Davis	Reported: 1/24/00

Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT/Quality Control
Sequoia Analytical - Walnut Creek

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit / Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Batch: 0A19001	**Date Prepared: 1/19/00**					**Extraction Method: EPA 5030B [P/T]**				
Blank	**0A19001-BLK1**									
Purgeable Hydrocarbons	1/19/00			**ND**	ug/l	**50**				
Benzene	"			**ND**	"	**0.50**				
Toluene	"			**ND**	"	**0.50**				
Ethylbenzene	"			**ND**	"	**0.50**				
Xylenes (total)	"			**ND**	"	**0.50**				
Methyl tert-butyl ether	"			**ND**	"	**2.5**				
Surrogate: a,a,a-Trifluorotoluene	"	*30.0*		*32.9*	"	*70-130*	*110*			
LCS	**0A19001-BS1**									
Benzene	1/19/00	20.0		19.9	ug/l	70-130	99.5			
Toluene	"	20.0		21.1	"	70-130	106			
Ethylbenzene	"	20.0		21.9	"	70-130	109			
Xylenes (total)	"	60.0		64.7	"	70-130	108			
Surrogate: a,a,a-Trifluorotoluene	"	*30.0*		*29.9*	"	*70-130*	*99.7*			
Matrix Spike	**0A19001-MS1**		**W001269-11**							
Benzene	1/19/00	20.0	ND	19.5	ug/l	70-130	**97.5**			
Toluene	"	20.0	ND	19.9	"	70-130	**99.5**			
Ethylbenzene	"	20.0	ND	19.1	"	70-130	**95.5**			
Xylenes (total)	"	60.0	ND	65.1	"	70-130	**108**			
Surrogate: a,a,a-Trifluorotoluene	"	*30.0*		*28.0*	"	*70-130*	*93.3*			
Matrix Spike Dup	**0A19001-MSD1**		**W001269-11**							
Benzene	1/19/00	20.0	ND	19.2	ug/l	70-130	**96.0**	20	**1.55**	
Toluene	"	20.0	ND	19.7	"	70-130	**98.5**	20	**1.01**	
Ethylbenzene	"	20.0	ND	20.7	"	70-130	**104**	20	**8.04**	
Xylenes (total)	"	60.0	ND	63.4	"	70-130	**106**	20	**2.65**	
Surrogate: a,a,a-Trifluorotoluene	"	*30.0*		*27.9*	"	*70-130*	*93.0*			
Batch: 0A19002	**Date Prepared: 1/19/00**					**Extraction Method: EPA 5030B [P/T]**				
Blank	**0A19002-BLK1**									
Purgeable Hydrocarbons	1/19/00			**ND**	ug/l	**50**				
Benzene	"			**ND**	"	**0.50**				
Toluene	"			**ND**	"	**0.50**				
Ethylbenzene	"			**ND**	"	**0.50**				
Xylenes (total)	"			**ND**	"	**0.50**				
Methyl tert-butyl ether	"			**ND**	"	**2.5**				
Surrogate: a,a,a-Trifluorotoluene	"	*30.0*		*35.6*	"	*70-130*	*119*			

Sequoia Analytical

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Blaine Tech Services (Shell)	Project:	Equiva	Sampled: 1/7/00
1680 Rogers Avenue	Project Number:	461 8th St.	Received: 1/7/00
San Jose, CA 95112	Project Manager:	Leah Davis	Reported: 1/24/00

Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT/Quality Control
Sequoia Analytical - Walnut Creek

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
LCS	**0A19002-BS1**									
Benzene	1/19/00	20.0		21.8	ug/l	70-130	109			
Toluene	"	20.0		21.8	"	70-130	109			
Ethylbenzene	"	20.0		22.2	"	70-130	111			
Xylenes (total)	"	60.0		66.6	"	70-130	111			
Surrogate: a,a,a-Trifluorotoluene	"	*30.0*		*31.1*	"	*70-130*	*104*			
Matrix Spike	**0A19002-MS1**		**W001269-03**							
Benzene	1/19/00	20.0	ND	20.9	ug/l	70-130	**104**			
Toluene	"	20.0	ND	21.5	"	70-130	**108**			
Ethylbenzene	"	20.0	ND	21.4	"	70-130	**107**			
Xylenes (total)	"	60.0	ND	63.3	"	70-130	**105**			
Surrogate: a,a,a-Trifluorotoluene	"	*30.0*		*30.9*	"	*70-130*	*103*			
Matrix Spike Dup	**0A19002-MSD1**		**W001269-03**							
Benzene	1/19/00	20.0	ND	21.9	ug/l	70-130	**109**	20	**4.67**	
Toluene	"	20.0	ND	21.5	"	70-130	**108**	20	**0**	
Ethylbenzene	"	20.0	ND	21.9	"	70-130	**109**	20	**2.31**	
Xylenes (total)	"	60.0	ND	65.3	"	70-130	**109**	20	**3.11**	
Surrogate: a,a,a-Trifluorotoluene	"	*30.0*		*31.3*	"	*70-130*	*104*			
Batch: 0A19003	**Date Prepared: 1/19/00**					**Extraction Method: EPA 5030B [P/T]**				
Blank	**0A19003-BLK1**									
Purgeable Hydrocarbons	1/19/00			**ND**	ug/l	**50**				
Benzene	"			**ND**	"	**0.50**				
Toluene	"			**ND**	"	**0.50**				
Ethylbenzene	"			**ND**	"	**0.50**				
Xylenes (total)	"			**ND**	"	**0.50**				
Methyl tert-butyl ether	"			**ND**	"	**2.5**				
Surrogate: a,a,a-Trifluorotoluene	"	*30.0*		*30.5*	"	*70-130*	*102*			
LCS	**0A19003-BS1**									
Benzene	1/19/00	20.0		21.6	ug/l	70-130	108			
Toluene	"	20.0		21.9	"	70-130	109			
Ethylbenzene	"	20.0		22.2	"	70-130	111			
Xylenes (total)	"	60.0		63.8	"	70-130	106			
Surrogate: a,a,a-Trifluorotoluene	"	*30.0*		*29.2*	"	*70-130*	*97.3*			
LCS Dup	**0A19003-BSD1**									
Benzene	1/19/00	20.0		22.0	ug/l	70-130	110	20	1.83	
Toluene	"	20.0		22.4	"	70-130	112	20	2.26	
Ethylbenzene	"	20.0		22.5	"	70-130	113	20	1.34	

Sequoia Analytical

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Blaine Tech Services (Shell)	Project:	Equiva	Sampled: 1/7/00
1680 Rogers Avenue	Project Number:	461 8th St.	Received: 1/7/00
San Jose, CA 95112	Project Manager:	Leah Davis	Reported: 1/24/00

Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT/Quality Control
Sequoia Analytical - Walnut Creek

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit / Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
LCS Dup (continued)	**0A19003-BSD1**									
Xylenes (total)	1/19/00	60.0		65.2	ug/l	70-130	109	20	2.17	
Surrogate: a,a,a-Trifluorotoluene	"	*30.0*		*28.0*	"	*70-130*	*93.3*			
Matrix Spike	**0A19003-MS1**		**W001270-03**							
Benzene	1/19/00	20.0	ND	21.9	ug/l	70-130	**109**			
Toluene	"	20.0	ND	22.2	"	70-130	**111**			
Ethylbenzene	"	20.0	ND	22.4	"	70-130	**112**			
Xylenes (total)	"	60.0	ND	64.7	"	70-130	**108**			
Surrogate: a,a,a-Trifluorotoluene	"	*30.0*		*28.2*	"	*70-130*	*94.0*			
Matrix Spike Dup	**0A19003-MSD1**		**W001270-03**							
Benzene	1/19/00	20.0	ND	21.0	ug/l	70-130	**105**	20	**4.20**	
Toluene	"	20.0	ND	21.4	"	70-130	**107**	20	**3.67**	
Ethylbenzene	"	20.0	ND	21.4	"	70-130	**107**	20	**4.57**	
Xylenes (total)	"	60.0	ND	61.8	"	70-130	**103**	20	**4.58**	
Surrogate: a,a,a-Trifluorotoluene	"	*30.0*		*28.3*	"	*70-130*	*94.3*			
Batch: 0A20003	**Date Prepared: 1/20/00**					**Extraction Method: EPA 5030B [P/T]**				
Blank	**0A20003-BLK1**									
Purgeable Hydrocarbons	1/20/00			**ND**	ug/l	**50**				
Benzene	"			**ND**	"	**0.50**				
Toluene	"			**ND**	"	**0.50**				
Ethylbenzene	"			**ND**	"	**0.50**				
Xylenes (total)	"			**ND**	"	**0.50**				
Methyl tert-butyl ether	"			**ND**	"	**2.5**				
Surrogate: a,a,a-Trifluorotoluene	"	*30.0*		*29.8*	"	*70-130*	*99.3*			
LCS	**0A20003-BS1**									
Benzene	1/20/00	20.0		21.8	ug/l	70-130	109			
Toluene	"	20.0		22.3	"	70-130	111			
Ethylbenzene	"	20.0		22.6	"	70-130	113			
Xylenes (total)	"	60.0		64.5	"	70-130	108			
Surrogate: a,a,a-Trifluorotoluene	"	*30.0*		*32.2*	"	*70-130*	*107*			
LCS Dup	**0A20003-BSD1**									
Benzene	1/20/00	20.0		23.4	ug/l	70-130	117	20	7.08	
Toluene	"	20.0		24.0	"	70-130	120	20	7.34	
Ethylbenzene	"	20.0		24.2	"	70-130	121	20	6.84	
Xylenes (total)	"	60.0		69.0	"	70-130	115	20	6.74	
Surrogate: a,a,a-Trifluorotoluene	"	*30.0*		*31.6*	"	*70-130*	*105*			

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Blaine Tech Services (Shell)	Project:	Equiva	Sampled:	1/7/00
1680 Rogers Avenue	Project Number:	461 8th St.	Received:	1/7/00
San Jose, CA 95112	Project Manager:	Leah Davis	Reported:	1/24/00

Notes and Definitions

#	Note
D	Data reported from a dilution.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
Recov.	Recovery
RPD	Relative Percent Difference

BLAINE
TECH SERVICES, INC.

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

CONDUCT ANALYSIS TO DETECT

LAB Sequoia DHS #

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

CHAIN OF

CLIENT Equiva - Karen Petryna

SITE 461 8th Street
Oakland, CA

M001211

SPECIAL INSTRUCTIONS

Send invoice to Equiva

Incident # 97093399

Sent report to Blaine Tech Services, Inc.

ATTN: Ann Pember

SAMPLE I.D.	DATE	TIME	MATRIX S=SOIL W=H_2O	CONTAINERS TOTAL	C = COMPOSITE ALL CONTAINERS	TPH - gas, BTEX	MTBE by 8020	MTBE by 8260	TPH - diesel	Oxygenates by 8260	ADD'L INFORMATION	STATUS	CONDITION	LAB SAMPLE #
S-4	1/7/00	9:49	W	3		X	X							01
S-5		10:10												02
S-6		11:05												03
S-8		9:37												04
S-9		9:15												05
S-10		9:26												06

SAMPLING COMPLETED DATE TIME

SAMPLING PERFORMED BY Kevin Sullivan

RESULTS NEEDED NO LATER THAN

RELEASED BY	DATE	TIME	RECEIVED BY	DATE	TIME
	1/7/00	16:25		1/7/00	4:25
	1/7/00			1/7	1725
	DATE	TIME		DATE	TIME

SHIPPED VIA | DATE SENT | TIME SENT | COOLER #

WELL GAUGING DATA

Project # 000107-S1 Date 1/7/99 Client _____

Site Shell WIC#204-5508-6200
461 8TH STREET
OAKLAND
le No

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	
S-4	4					22.29	29.05	TOB	4
S-5	4					15.82	41.20		5
S-6	4					19.53	36.64		6
S-8	4					22.87	29.36		3
S-9	4					22.11	30.20		1
S-10	4					~~22.87~~ 23.33	36.65		2

6

EQUIVA WELL MONITORING DATA SHEET

BTS #: 000107-51	Site: 204-5508-6200
Sampler: KPS	Date: 1/7/00
Well I.D.: S-4	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: 29.05	Depth to Water: 22.29
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH

Purge Method:
- (Bailer)
- Disposable Bailer
- Middleburg
- ~~Electric Submersible~~
- Waterra
- Peristaltic
- Extraction Pump
- Other grab

Sampling Method: (Bailer)
- Disposable Bailer
- Extraction Port
- Dedicated Tubing
- Other: _____

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

_____(Gals.) X _____ = _____ Gals.
1 Case Volume | Specified Volumes | Calculated Volume

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
9:49	63.2	7.0	643	15		
			grab			

Did well dewater? Yes No		Gallons actually evacuated:	
Sampling Time: 9:49		Sampling Date: 1/7/00	
Sample I.D.: S-4		Laboratory: (Sequoia) Columbia Other _____	
Analyzed for: (TPH-G BTEX MTBE) TPH-D		Other:	
EB I.D. (if applicable):	@ Time	Duplicate I.D. (if applicable):	
Analyzed for: TPH-G BTEX MTBE TPH-D		Other:	
D.O. (if req'd):	Pre-purge: mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge: mV	Post-purge:	mV

6

EQUIVA WELL MONITORING DATA SHEET

BTS #: 000107-S1	Site: 204-5508-6200
Sampler: KPS	Date: 1/7/00
Well I.D.: S-5	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: 41.20	Depth to Water: 15.82
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH

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

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

16.5 (Gals.) X	3	=	49.5 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	radius² * 0.163

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
10:10	62.6	6.7	585	13		
			grab	100 gal Purge Started @ 10:16		
10:21	63.0	6.8	623	25	50	
10:26	63.9	6.8	692	31	100	

Did well dewater? Yes (No) Gallons actually evacuated: 100

Sampling Time: 10:10 Sampling Date: 1/7/00

Sample I.D.: S-5 Laboratory: (Sequoia) Columbia Other_____

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

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

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

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

6

EQUIVA WELL MONITORING DATA SHEET

BTS #: 000107-51	Site: 204-5508-6200
Sampler: KPS	Date: 1/7/00
Well I.D.: S-6	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: 36.64	Depth to Water: 19.53
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH

Purge Method:
- (Bailer)
- Disposable Bailer
- Middleburg
- (Electric Submersible)
- Waterra
- Peristaltic
- Extraction Pump
- Other grab

Sampling Method:
- (Bailer)
- Disposable Bailer
- Extraction Port
- Dedicated Tubing
- Other: ___

_____(Gals.) X _____ = _____ Gals.
1 Case Volume | Specified Volumes | Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
11:05	64.2	6.9	430	12		
			grab	10 grab purge started		
obstruction at ≈18 feet in well prevented the ability						
to purge H_2O. The obstruction was small enough however						
to allow My Bailer & Sounder to Reach the Bottom of the well						

Did well dewater? Yes (NO)	Gallons actually evacuated:
Sampling Time: 11:05	Sampling Date: 1/7/00
Sample I.D.: S-6	Laboratory: (Sequoia) Columbia Other ___
Analyzed for: (TPH-G BTEX MTBE) TPH-D	Other:
EB I.D. (if applicable): @ Time	Duplicate I.D. (if applicable):
Analyzed for: TPH-G BTEX MTBE TPH-D	Other:

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

6

EQUIVA WELL MONITORING DATA SHEET

BTS #: 000107-S1	Site: 204-5508-6200
Sampler: KPS	Date: 1/7/00
Well I.D.: S-8	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: 29.36	Depth to Water: 22.87
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC (Grade)	D.O. Meter (if req'd): YSI HACH

Purge Method:
- (Bailer)
- Disposable Bailer
- Middleburg
- Electric Submersible
- Waterra
- Peristaltic
- Extraction Pump
- Other grab

Sampling Method: (Bailer)
- Disposable Bailer
- Extraction Port
- Dedicated Tubing
- Other: ___

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

___ (Gals.) X ___ = ___ Gals.
1 Case Volume | Specified Volumes | Calculated Volume

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
9:37	63.2	6.3	791	21		

Did well dewater? Yes No		Gallons actually evacuated:	
Sampling Time: 9:37		Sampling Date: 1/7/00	
Sample I.D.: S-8		Laboratory: (Sequoia) Columbia Other ___	
Analyzed for: (TPH-G BTEX MTBE) TPH-D		Other:	
EB I.D. (if applicable): @ Time		Duplicate I.D. (if applicable):	
Analyzed for: TPH-G BTEX MTBE TPH-D		Other:	
D.O. (if req'd):	Pre-purge:	mg/L Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV Post-purge:	mV

6

EQUIVA WELL MONITORING DATA SHEET

BTS #: 000107-51	Site: 204-5508-6200
Sampler: KPS	Date: 1/7/00
Well I.D.: 8-9	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: 30.20	Depth to Water: 22.11
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH

Purge Method:
- (Bailer)
- Disposable Bailer
- Middleburg
- (Electric Submersible)
- Waterra
- Peristaltic
- Extraction Pump
- Other gal

Sampling Method: (Bailer)
- Disposable Bailer
- Extraction Port
- Dedicated Tubing
- Other: _____

_____(Gals.) X _____ = _____ 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
9:15	61.3	6.3	596	13		
			gal			

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

Sampling Time: 9:15 Sampling Date: 1/7/00

Sample I.D.: S-9 Laboratory: (Sequoia) Columbia Other _____

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

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

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

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

6

EQUIVA WELL MONITORING DATA SHEET

BTS #: 000107-S1	Site: 204-5508-6200
Sampler: KPS	Date: 1/7/00
Well I.D.: S-10	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: 36.65	Depth to Water: 23.33
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH

Purge Method:
(Bailer)
Disposable Bailer
Middleburg
Electric Submersible
Waterra
Peristaltic
Extraction Pump
Other grab

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

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

_____(Gals.) X _____ = _____ Gals.
1 Case Volume | Specified Volumes | Calculated Volume

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
9:26	62.4	6.3	1080	12		
		grab				

Did well dewater? Yes No		Gallons actually evacuated:	
Sampling Time: 9:26		Sampling Date: 1/7/00	
Sample I.D.: S-10		Laboratory: (Sequoia) Columbia Other _____	
Analyzed for: (TPH-G BTEX MTBE) TPH-D		Other:	
EB I.D. (if applicable): @ Time		Duplicate I.D. (if applicable):	
Analyzed for: TPH-G BTEX MTBE TPH-D		Other:	
D.O. (if req'd):	Pre-purge:	mg/L Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV Post-purge:	mV