CAMBRIA

October 30, 2000

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

Re: **Third Quarter 2000 Monitoring Report**
Former Shell Service Station
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.

THIRD QUARTER 2000 ACTIVITIES

Groundwater Monitoring: Blaine Tech Services, Inc. (Blaine) of San Jose, California checked for separate-phase hydrocarbon (SPH), gauged and sampled the site wells, calculated groundwater elevations, and compiled the analytical data. No SPH was detected this quarter. Cambria prepared a vicinity map (Figure 1) and groundwater elevation contour map (Figure 2). Blaine's 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-5 and 150 gallons from well S-6 this quarter. Cumulative groundwater purge volume and estimated mass removal data are presented in Table 1. The cumulative estimated mass of total hydrocarbons as gasoline and methyl tert-butyl ether removed to date is approximately 1.570 and 0.013 pounds, respectively.

Potential Offsite Sources: Figure 2 has been updated to indicate potential offsite sources as identified in the August 12, 1996 *Offisite Source Investigation*, prepared by Enviros of Sonoma, California.

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

ANTICIPATED FOURTH QUARTER 2000 ACTIVITIES

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

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

Stephan A. Bork, C.E.G., C.HG.
Associate Hydrogeologist

REGISTERED GEOLOGIST
STEPHAN A. BORK
No. EG 2058
CERTIFIED
ENGINEERING
GEOLOGIST
STATE OF CALIFORNIA

Figures: 1 - Vicinity Map
2 - Groundwater Elevation Contour and Potential Offsite Sources

Table: 1 - Groundwater Extraction - Estimated 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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06/29/00

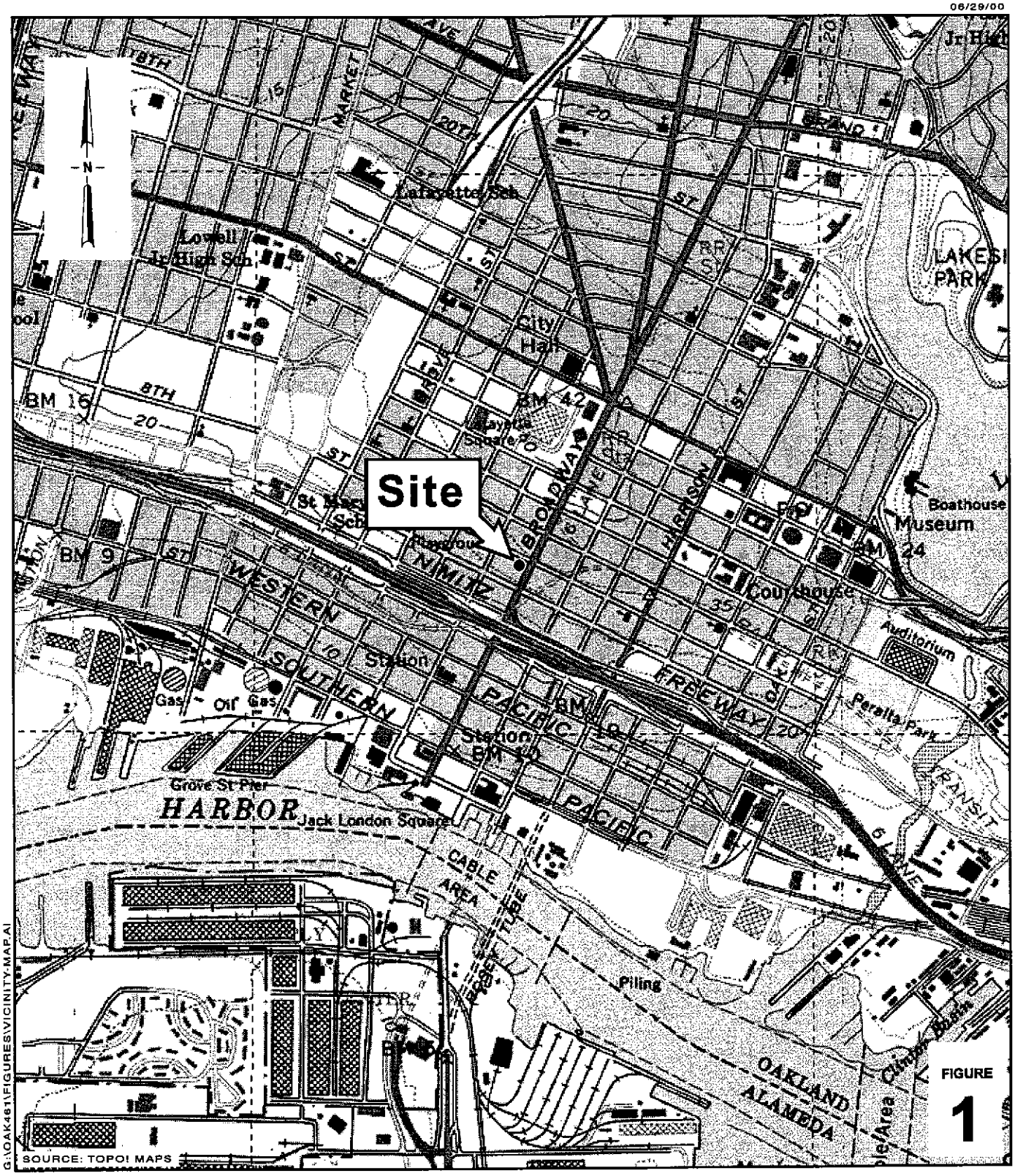


FIGURE 1

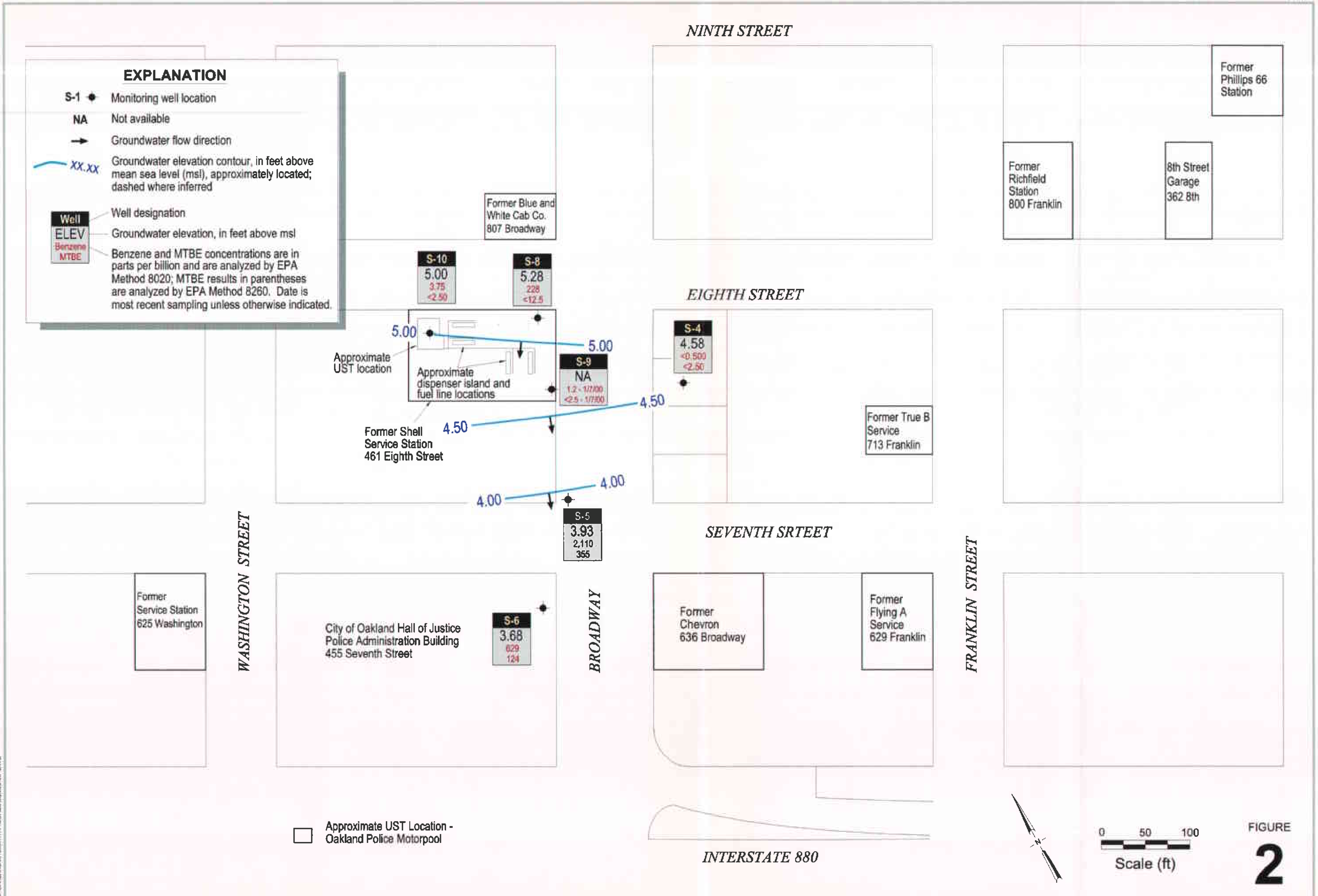
0 1/8 1/4 1/2 1

SCALE 1:1/4 MILE

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

CAMBRIA

Vicinity Map



Groundwater Elevation Contour and Potential Offsite Sources

July 19, 2000

CAMBRIA

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

FIGURE
2

Table 1: Groundwater Extraction - Estimated Mass Removal Data - Former Shell Service Station, Incident #97093399, 461 Eighth Street, Oakland, California

Date Purged	Well ID	Volume Pumped (gal)	Cumulative Volume Pumped (gal)	Date Sampled	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)
					TPPH			Benzene			MTBE		
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

Table 1: Groundwater Extraction - Estimated Mass Removal Data - Former Shell Service Station, Incident #97093399, 461 Eighth Street, Oakland, California

					TPPH			Benzene			MTBE		
Date Purged	Well ID	Volume Pumped (gal)	Cumulative Volume Pumped (gal)	Date Sampled	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-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
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
04/11/00	S-5	100	2,321	04/11/00	29,300	0.02445	0.99985	1,680	0.00140	0.23261	< 250	< 0.00021	< 0.00021
07/19/00	S-5	100	2,421	07/19/00	6,420	0.00536	1.00520	2,110	0.00176	0.23437	**253**	0.00021	< 0.00021
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

Table 1: Groundwater Extraction - Estimated Mass Removal Data - Former Shell Service Station, Incident #97093399, 461 Eighth Street, Oakland, California

Date Purged	Well ID	Volume Pumped (gal)	Cumulative Volume Pumped (gal)	Date Sampled	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)
					TPPH			**Benzene**			**MTBE**		
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
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
04/11/00	S-6	150	1,150	04/11/00	14,600	0.01827	0.56128	7,540	0.00944	0.14487	621	0.00078	< 0.00859
07/19/00	S-6	150	1,300	07/19/00	2,590	0.00324	0.56452	629	0.00079	0.14565	**72.7**	0.00009	< 0.00868
Total Gallons Extracted:			**3,721**		**Total Pounds Removed:**		**1.56973**			**0.38002**			**0.01322**
					Total Gallons Removed:		**0.25733**			**0.05206**			**< 0.00213**

0.0047

.0046

.0055

Table 1: Groundwater Extraction - Estimated Mass Removal Data - Former Shell Service Station, Incident #97093399, 461 Eighth Street, Oakland, California

					TPPH			Benzene			MTBE		
Date Purged	Well ID	Volume Pumped (gal)	Cumulative Volume Pumped (gal)	Date Sampled	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)

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
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 performed by Blaine Technologies of San Jose, California

ATTACHMENT A

Blaine Groundwater Monitoring Report and Field Notes

BLAINE
TECH SERVICES, INC.

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

August 14, 2000

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

Third Quarter 2000 Groundwater Monitoring at
Former Shell Service Station
461 8th Street
Oakland, CA

Monitoring performed on July 19, 2000

Groundwater Monitoring Report **000719-F-2**

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

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

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

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

Please call if you have any questions.

Yours truly,

for

Deidre Kerwin
Operations Manager

DK/jt

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

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

WELL CONCENTRATIONS
Former Shell Service Station
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

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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-4	04/11/2000	NA	NA	NA	NA	NA	NA	NA	25.77	21.11	4.66	NA
S-4	**07/19/2000**	**<50.0**	**<0.500**	**<0.500**	**<0.500**	**<0.500**	**<2.50**	**NA**	**25.77**	**21.19**	**4.58**	**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

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S-5	05/06/1991	NA	NA	NA	NA	NA	NA	NA	99.36 (TOC)	23.00	76.46	0.13
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

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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-5	04/11/2000	29300	1680	5060	1130	6220	<250	NA	22.94	18.19	4.75	NA
S-5	**07/19/2000**	**6420**	**2110**	**207**	**252**	**681**	**355**	**253b**	**22.94**	**19.01**	**3.93**	**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

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S-6	12/03/1992	110000	26000	9400	2100	8700	NA	NA	100.58 (TOC)	22.14	78.44	NA
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

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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-6	04/11/2000	14600	7540	205	306	609	621	NA	22.08	18.16	3.92	NA
S-6	**07/19/2000**	**2590**	**629**	**63.9**	**99.6**	**267**	**124**	**72.7b**	**22.08**	**18.40**	**3.68**	**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

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S-8	07/29/1999	955	344	<2.50	6.90	16.2	<25.0	NA	27.21	21.95	5.26	NA
S-8	11/01/1999	1800	550	6.45	15	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-8	04/11/2000	342	101	4.42	4.24	14.7	21.4	NA	27.21	21.86	5.35	NA
S-8	**07/19/2000**	**579**	**228**	**6.37**	**6.45**	**25.0**	**<12.5**	**NA**	**27.21**	**21.93**	**5.28**	**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-9	04/11/2000	NA	NA	NA	NA	NA	NA	NA	26.06	21.14	4.92	NA
S-9	**07/19/2000**	**Well inaccessible**		**NA**	**NA**	**NA**	**NA**	**NA**	**26.06**	**NA**	**NA**	**NA**

WELL CONCENTRATIONS
Former Shell 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-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
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
S-10	04/11/2000	NA	NA	NA	NA	NA	NA	NA	28.04	22.64	5.40	NA
S-10	**07/19/2000**	**612**	**3.75**	**<0.500**	**41.6**	**43.6**	**<2.50**	**NA**	**28.04**	**23.04**	**5.00**	**NA**

WELL CONCENTRATIONS
Former Shell 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.)

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

<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

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

Sequoia
Analytical

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

9 August, 2000

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

RE: 461 8th St.
Sequoia Report: MJG0574

Enclosed are the results of analyses for samples received by the laboratory on 07/20/00 14:22. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Ted Terrasas
Project Manager

CA ELAP Certificate #1210

Sequoia Analytical

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

Blaine Tech Services (Shell)	Project: 461 8th St.	
1680 Rogers Avenue	Project Number: 461 8th St./ Oakland	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	08/09/00 11:56

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
S-4	MJG0574-01	Water	07/17/00 11:42	07/20/00 14:22
S-5	MJG0574-02	Water	07/17/00 12:47	07/20/00 14:22
S-6	MJG0574-03	Water	07/17/00 12:15	07/20/00 14:22
S-8	MJG0574-04	Water	07/17/00 11:52	07/20/00 14:22
S-10	MJG0574-05	Water	07/17/00 12:03	07/20/00 14:22

Ted Terrasas, Project Manager

Sequoia Analytical

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Morgan Hill, CA 95037
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www.sequoialabs.com

Blaine Tech Services (Shell)	Project: 461 8th St.	
1680 Rogers Avenue	Project Number: 461 8th St./ Oakland	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	08/09/00 11:56

Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S-4 (MJG0574-01) Water Sampled: 07/17/00 11:42 Received: 07/20/00 14:22									
Purgeable Hydrocarbons	ND	50.0	ug/l	1	0G26004	07/26/00	07/26/00	DHS LUFT	
Benzene	ND	0.500	"	"	"	"	"	"	
Toluene	ND	0.500	"	"	"	"	"	"	
Ethylbenzene	ND	0.500	"	"	"	"	"	"	
Xylenes (total)	ND	0.500	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	2.50	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*88.0 %*	*70-130*		"	"	"	"	
S-5 (MJG0574-02) Water Sampled: 07/17/00 12:47 Received: 07/20/00 14:22									
Purgeable Hydrocarbons	**6420**	2000	ug/l	40	0G27002	07/27/00	07/27/00	DHS LUFT	P-01
Benzene	**2110**	20.0	"	"	"	"	"	"	
Toluene	**207**	20.0	"	"	"	"	"	"	
Ethylbenzene	**252**	20.0	"	"	"	"	"	"	
Xylenes (total)	**681**	20.0	"	"	"	"	"	"	
Methyl tert-butyl ether	**355**	100	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*97.8 %*	*70-130*		"	"	"	"	
S-6 (MJG0574-03) Water Sampled: 07/17/00 12:15 Received: 07/20/00 14:22									
Purgeable Hydrocarbons	**2590**	500	ug/l	10	0G26004	07/26/00	07/26/00	DHS LUFT	P-01
Benzene	**629**	5.00	"	"	"	"	"	"	
Toluene	**63.9**	5.00	"	"	"	"	"	"	
Ethylbenzene	**99.6**	5.00	"	"	"	"	"	"	
Xylenes (total)	**267**	5.00	"	"	"	"	"	"	
Methyl tert-butyl ether	**124**	25.0	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*113 %*	*70-130*		"	"	"	"	

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Blaine Tech Services (Shell)	Project: 461 8th St.	
1680 Rogers Avenue	Project Number: 461 8th St./ Oakland	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	08/09/00 11:56

Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S-8 (MJG0574-04) Water Sampled: 07/17/00 11:52 Received: 07/20/00 14:22									
Purgeable Hydrocarbons	**579**	250	ug/l	5	0G27002	07/27/00	07/27/00	DHS LUFT	P-01
Benzene	**228**	2.50	"	"	"	"	"	"	
Toluene	**6.37**	2.50	"	"	"	"	"	"	
Ethylbenzene	**6.45**	2.50	"	"	"	"	"	"	
Xylenes (total)	**25.0**	2.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	12.5	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*100 %*	*70-130*		"	"	"	"	
S-10 (MJG0574-05) Water Sampled: 07/17/00 12:03 Received: 07/20/00 14:22									
Purgeable Hydrocarbons	**612**	50.0	ug/l	1	0G26004	07/26/00	07/26/00	DHS LUFT	P-01
Benzene	**3.75**	0.500	"	"	"	"	"	"	
Toluene	ND	0.500	"	"	"	"	"	"	
Ethylbenzene	**41.6**	0.500	"	"	"	"	"	"	
Xylenes (total)	**43.6**	0.500	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	2.50	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*90.2 %*	*70-130*		"	"	"	"	

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Blaine Tech Services (Shell)	Project: 461 8th St.	
1680 Rogers Avenue	Project Number: 461 8th St./ Oakland	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	08/09/00 11:56

MTBE Confirmation by EPA Method 8260A

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S-5 (MJG0574-02) Water Sampled: 07/17/00 12:47 Received: 07/20/00 14:22									
Methyl tert-butyl ether	**253**	10.0	ug/l	10	0H08015	08/07/00	08/07/00	EPA 8260A	I-02
Surrogate: 1,2-Dichloroethane-d4		*112 %*	*70-130*		"	"	"	"	*I-02*
S-6 (MJG0574-03) Water Sampled: 07/17/00 12:15 Received: 07/20/00 14:22									
Methyl tert-butyl ether	**72.7**	10.0	ug/l	10	0H08015	08/07/00	08/07/00	EPA 8260A	I-02
Surrogate: 1,2-Dichloroethane-d4		*109 %*	*70-130*		"	"	"	"	*I-02*

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Blaine Tech Services (Shell)	Project: 461 8th St.	
1680 Rogers Avenue	Project Number: 461 8th St./ Oakland	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	08/09/00 11:56

Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT - Quality Control

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0G26004 - EPA 5030B [P/T]										
Blank (0G26004-BLK1)				Prepared & Analyzed: 07/26/00						
Purgeable Hydrocarbons	ND	50.0	ug/l							
Benzene	ND	0.500	"							
Toluene	ND	0.500	"							
Ethylbenzene	ND	0.500	"							
Xylenes (total)	ND	0.500	"							
Methyl tert-butyl ether	ND	2.50	"							
Surrogate: a,a,a-Trifluorotoluene	*9.13*		"	*10.0*		*91.3*	*70-130*			
LCS (0G26004-BS1)				Prepared & Analyzed: 07/26/00						
Benzene	9.08	0.500	ug/l	10.0		90.8	70-130			
Toluene	9.43	0.500	"	10.0		94.3	70-130			
Ethylbenzene	9.96	0.500	"	10.0		99.6	70-130			
Xylenes (total)	29.9	0.500	"	30.0		99.7	70-130			
Surrogate: a,a,a-Trifluorotoluene	*9.71*		"	*10.0*		*97.1*	*70-130*			
Matrix Spike (0G26004-MS1)		**Source: MJG0548-01**		Prepared & Analyzed: 07/26/00						
Benzene	9.17	0.500	ug/l	10.0	ND	91.7	60-140			
Toluene	9.36	0.500	"	10.0	ND	93.6	60-140			
Ethylbenzene	9.81	0.500	"	10.0	ND	98.1	60-140			
Xylenes (total)	30.2	0.500	"	30.0	ND	101	60-140			
Surrogate: a,a,a-Trifluorotoluene	*9.88*		"	*10.0*		*98.8*	*70-130*			
Matrix Spike Dup (0G26004-MSD1)		**Source: MJG0548-01**		Prepared & Analyzed: 07/26/00						
Benzene	8.97	0.500	ug/l	10.0	ND	89.7	60-140	2.21	25	
Toluene	9.25	0.500	"	10.0	ND	92.5	60-140	1.18	25	
Ethylbenzene	9.78	0.500	"	10.0	ND	97.8	60-140	0.306	25	
Xylenes (total)	29.5	0.500	"	30.0	ND	98.3	60-140	2.35	25	
Surrogate: a,a,a-Trifluorotoluene	*9.69*		"	*10.0*		*96.9*	*70-130*			

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Morgan Hill, CA 95037
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Blaine Tech Services (Shell)	Project: 461 8th St.	
1680 Rogers Avenue	Project Number: 461 8th St./ Oakland	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	08/09/00 11:56

Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT - Quality Control

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0G27002 - EPA 5030B [P/T]										
Blank (0G27002-BLK1)				Prepared & Analyzed: 07/27/00						
Purgeable Hydrocarbons	ND	50.0	ug/l							
Benzene	ND	0.500	"							
Toluene	ND	0.500	"							
Ethylbenzene	ND	0.500	"							
Xylenes (total)	ND	0.500	"							
Methyl tert-butyl ether	ND	2.50	"							
Surrogate: a,a,a-Trifluorotoluene	*9.93*		"	*10.0*		*99.3*	*70-130*			
LCS (0G27002-BS1)				Prepared & Analyzed: 07/27/00						
Benzene	9.67	0.500	ug/l	10.0		96.7	70-130			
Toluene	9.91	0.500	"	10.0		99.1	70-130			
Ethylbenzene	10.1	0.500	"	10.0		101	70-130			
Xylenes (total)	30.7	0.500	"	30.0		102	70-130			
Methyl tert-butyl ether	ND	2.50	"				70-130			
Surrogate: a,a,a-Trifluorotoluene	*9.85*		"	*10.0*		*98.5*	*70-130*			
Matrix Spike (0G27002-MS1)		Source: MJG0444-05		Prepared & Analyzed: 07/27/00						
Benzene	10.2	0.500	ug/l	10.0	ND	102	60-140			
Toluene	10.3	0.500	"	10.0	ND	103	60-140			
Ethylbenzene	10.5	0.500	"	10.0	ND	105	60-140			
Xylenes (total)	31.0	0.500	"	30.0	ND	103	60-140			
Surrogate: a,a,a-Trifluorotoluene	*10.2*		"	*10.0*		*102*	*70-130*			
Matrix Spike Dup (0G27002-MSD1)		Source: MJG0444-05		Prepared & Analyzed: 07/27/00						
Benzene	10.0	0.500	ug/l	10.0	ND	100	60-140	1.98	25	
Toluene	10.2	0.500	"	10.0	ND	102	60-140	0.976	25	
Ethylbenzene	10.3	0.500	"	10.0	ND	103	60-140	1.92	25	
Xylenes (total)	30.0	0.500	"	30.0	ND	100	60-140	3.28	25	
Surrogate: a,a,a-Trifluorotoluene	*9.94*		"	*10.0*		*99.4*	*70-130*			

Sequoia Analytical

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Morgan Hill, CA 95037
(408) 776-9600
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Blaine Tech Services (Shell)	Project: 461 8th St.	
1680 Rogers Avenue	Project Number: 461 8th St./ Oakland	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	08/09/00 11:56

MTBE Confirmation by EPA Method 8260A - Quality Control

Sequoia Analytical - Morgan Hill

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

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Blaine Tech Services (Shell)	Project: 461 8th St.	
1680 Rogers Avenue	Project Number: 461 8th St./ Oakland	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	08/09/00 11:56

Notes and Definitions

I-02	This sample was analyzed outside of the EPA recommended holding time.
P-01	Chromatogram Pattern: Gasoline C6-C12
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

BLAINE
TECH SERVICES, INC.

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

CHAIN OF 000719 F2

CLIENT: Equiva - Karen Petryna

SITE: 461 8th Street
Oakland, CA

LAB: Sequoia | DHS #

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

MJG0574

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	40 mL HCl VOAs	C = COMPOSITE ALL CONTAINERS	CONDUCT ANALYSIS TO DETECT: TPH - gas, BTEX	MTBE by 8020	MTBE by 8260	TPH - diesel	Oxygenates by 8260				ADD'L INFORMATION	STATUS	CONDITION	LAB SAMPLE #
S-4	7/17/00	1142	W	3	X		X	X										
S-5		1247																
S-6		1245																
S-8		1152																
S-10		1203																

SAMPLING COMPLETED: DATE 7/17/00 TIME 1247
SAMPLING PERFORMED BY: MIKE STEWART

RESULTS NEEDED NO LATER THAN

RELEASED BY	DATE	TIME	RECEIVED BY	DATE	TIME
	7/20/00	9:36		7/20/00	936
	7/20/00		(MH)	7/20/00	14:22

SHIPPED VIA | DATE SENT | TIME SENT | COOLER #

WELL GAUGING DATA

Project # 000719 F2 Date 7-19-00 Client Equiva

Site 461 8th St. OAKLAND CA.

Well ID	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC	
S-4	4					21.19	29.21		
S-5	4					19.01	40.81		
S-6	4					18.40	39.27		
S-8	4					21.93	29.60		
S-9	(Inaccessible, car over well)								
S-10	4					23.04	37.74		

EQUIVA WELL MONITORING DATA SHEET

BTS #: 000719 F2	Site: 204-5508-6200
Sampler: MIKES.	Date: 7-19-00
Well I.D.: S-4	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: 29.21	Depth to Water: 21.19
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC (Grade)	D.O. Meter (if req'd): YSI HACH

Purge Method:

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

Sampling Method: (Bailer)

Disposable Bailer	
Extraction Port	
Dedicated Tubing	
Other: _____	

___ (Gals.) X	grab sample	___ 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
1140	67.4	6.80	539	20	8	clear

Did well dewater? Yes (No)		Gallons actually evacuated: 8	
Sampling Time: 1142		Sampling Date: 7-19-00	
Sample I.D.: MW-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

EQUIVA WELL MONITORING DATA SHEET

Project #: 000719.52	Job # 204-5508-6200
Sampler: MIKE S.	Date: 7-19-00
Well I.D.: S-5	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: 40.81	Depth to Water: 19.01
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC (Grade)	D.O. Meter (if req'd): YSI HACH

Well Diameter	Multiplier	Well Diameter	Multiplier
2"	0.16	5"	1.02
3"	0.37	6"	1.47
4"	0.65	Other	radius^2 * 0.163

Purge Method: Bailer; Middleburg; (X) Electric Submersible; Extraction Pump; Other: ___

Sampling Method: (X) Bailer; Extraction Port; Other: ___

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

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
1246	68.8	6.9	981	60	0	odor / light sheen
.						
1259	69.3	6.8	1001	79	50	odor
1305 1300	69.4	6.8	1010	83	75	"
1307	69.3	6.8	1014	87	100	

Did well dewater? Yes (No)		Gallons actually evacuated:	100
Sampling Time: 1247		Sampling Date: 7-19-00	
Sample I.D.: S-5		Laboratory: (Sequoia) BC Other ___	
Analyzed for: (TPH-G) (BTEX) (MTBE) TPH-D Other:			
D.O. (if req'd): Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd): Pre-purge:	mV	Post-purge:	mV

EQUIVA WELL MONITORING DATA SHEET

BTS #: 000719 E2	Site: 204-5508-6200
Sampler: Mike S.	Date: 7-19-00
Well I.D.: S-6	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth: 38.27	Depth to Water: 18.40
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC (Grade)	D.O. Meter (if req'd): YSI HACH

Purge Method:

- Bailer
- Disposable Bailer
- Middleburg
- X Electric Submersible
- Waterra
- Peristaltic
- Extraction Pump
- Other_____

Sampling Method: X Bailer

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

_____(Gals.) X No Purge = _____ Gals.
1 Case Volume | Specified Volumes | Calculated Volume

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

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
1214	68.4	6.8	1325	30	8	odor
1225	68.7	6.8	1103	56	50	odor / cloudy
1230	69.1	6.8	1129	37	100	↓
1235	69.0	6.7	1147	40	150	↓

Did well dewater? Yes (No) Gallons actually evacuated: 150

Sampling Time: 1215 Sampling Date: 7-19-00

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

WELL MONITORING DATA SHEET

Project #: 000719 F2	Client: ZOH-5508-6200
Sampler: MIKE S.	Start Date: 7-19-00
Well I.D.: S-8	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: 29.60	Depth to Water: 21.93
Before: After:	Before: After:
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 / Extraction Pump / Other: ____

Sampling Method: ~~Bailer~~ / Disposable Bailer / Extraction Port / Other: ____

____ (Gals.) X	grab sample	= ____ Gals.	
1 Case Volume	Specified Volumes	Calculated Volume	

Well Diameter	Multiplier	Well Diameter	Multiplier
2"	0.16	5"	1.02
3"	0.37	6"	1.47
4"	0.65	Other	radius² * 0.163

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
1150	67.9	7.0	728	13	8	clear

Did well dewater? Yes (No) Gallons actually evacuated: 8

Sampling Time: ~~1152~~ 1152 Sampling Date: 7-19-00

Sample I.D.: S-8 Laboratory: sequoia

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

Equipment Blank I.D.: @ Time Duplicate I.D.:

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

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

EQUIVA WELL MONITORING DATA SHEET

BTS #: 000719 f2	Site: 204-5509-6200
Sampler: Mike S.	Date: 7-19-00
Well I.D.: [redacted] S-9	Well Diameter: 2 3 4 6 8 ___
Total Well Depth: ___	Depth to Water: ___
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC (Grade)	D.O. Meter (if req'd): YSI HACH

Purge Method:

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

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

___ (Gals.) X ___ = ___ 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
	(Inaccessible, car over well)					

Did well dewater? Yes No — Gallons actually evacuated:

Sampling Time: — Sampling Date:

Sample I.D.: — Laboratory: Sequoia Columbia Other ___

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

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

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

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

EQUIVA WELL MONITORING DATA SHEET

BTS #: 000719 FC	Site: 204-5508-6200
Sampler: MIKES.	Date: 7-19-00
Well I.D.: S-10	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: 37.74	Depth to Water: 23.04
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: _____

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 ND Purge = ___ Gals.
1 Case Volume | Specified Volumes | Calculated Volume

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
1202	68.1	6.9	1078	13	0	clear
						odor

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

Sampling Time: 1203 Sampling Date: 7-19-00

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