

October 15, 1999

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

#113

Re: **Second Quarter 1999 Monitoring Report**
Shell-branded Service Station
4411 Foothill Boulevard
Oakland, California
Incident #98995746
Cambria Project #241-0897-002

o maybe they should sample water from backfill well BW-A.
o S-2, extremely high MTBE (67,500 ppb) much more than TPH (<1000)
o This site is highest MTBE source among the 3 gas stations. Probably will need some active remediation, assuming it doesn't decrease [MTBE].



Dear Mr. Chan:

On behalf of Equiva Services LLC, Cambria Environmental Technology, Inc. (Cambria) is submitting this ground water monitoring report in accordance with the reporting requirements of 23 CCR 2652d.

SECOND QUARTER 1999 ACTIVITIES

Ground Water Monitoring: Blaine Tech Services, Inc. (Blaine) of San Jose, California gauged and sampled all on-site wells and wells associated with the adjacent Chevron site. Blaine calculated ground water elevations and compiled the gasoline constituents analytical data. Cambria prepared a ground water elevation contour map (Figure 1) and compiled the bioattenuation parameters data (Table 1). The Blaine report, presenting the laboratory report and including supporting field documents, is included as Attachment A.

ANTICIPATED THIRD QUARTER 1999 ACTIVITIES

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

Work Plan Implementation: On September 30, 1999, Cambria coordinated installation of oxygen releasing compounds (ORC) socks in wells S-1, S-2, and backfill well BW-A. BW-A was purged of stagnate water utilizing a vacuum truck prior to installing ORC. In addition to installing ORC, Cambria will begin permitting and scheduling for the installation of proposed well S-4. Based on regional ground water flow direction, Cambria has moved the proposed location of well MW-4 to the new location shown on Figure 1.

Oakland, CA
Sonoma, CA
Portland, OR
Seattle, WA

**Cambria
Environmental
Technology, Inc.**

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

CLOSING

We appreciate the opportunity to work with you on this project. Please call Darryk Ataide at (510) 420-3339 if you have any questions or comments.

Sincerely,
Cambria Environmental Technology, Inc



Darryk Ataide, REA I
Project Manager

Ailsa S. Le May, R.G.
Senior Geologist



Figure: 1 - Ground Water Elevation Contour Map

Table: 1 - Ground Water Analytical Data - Bioattenuation Parameters

Attachment: A - Blaine Ground Water Monitoring Report and Field Notes

cc: Karen Petryna, Equiva Services LLC, P.O. Box 6249, Carson, California 90749

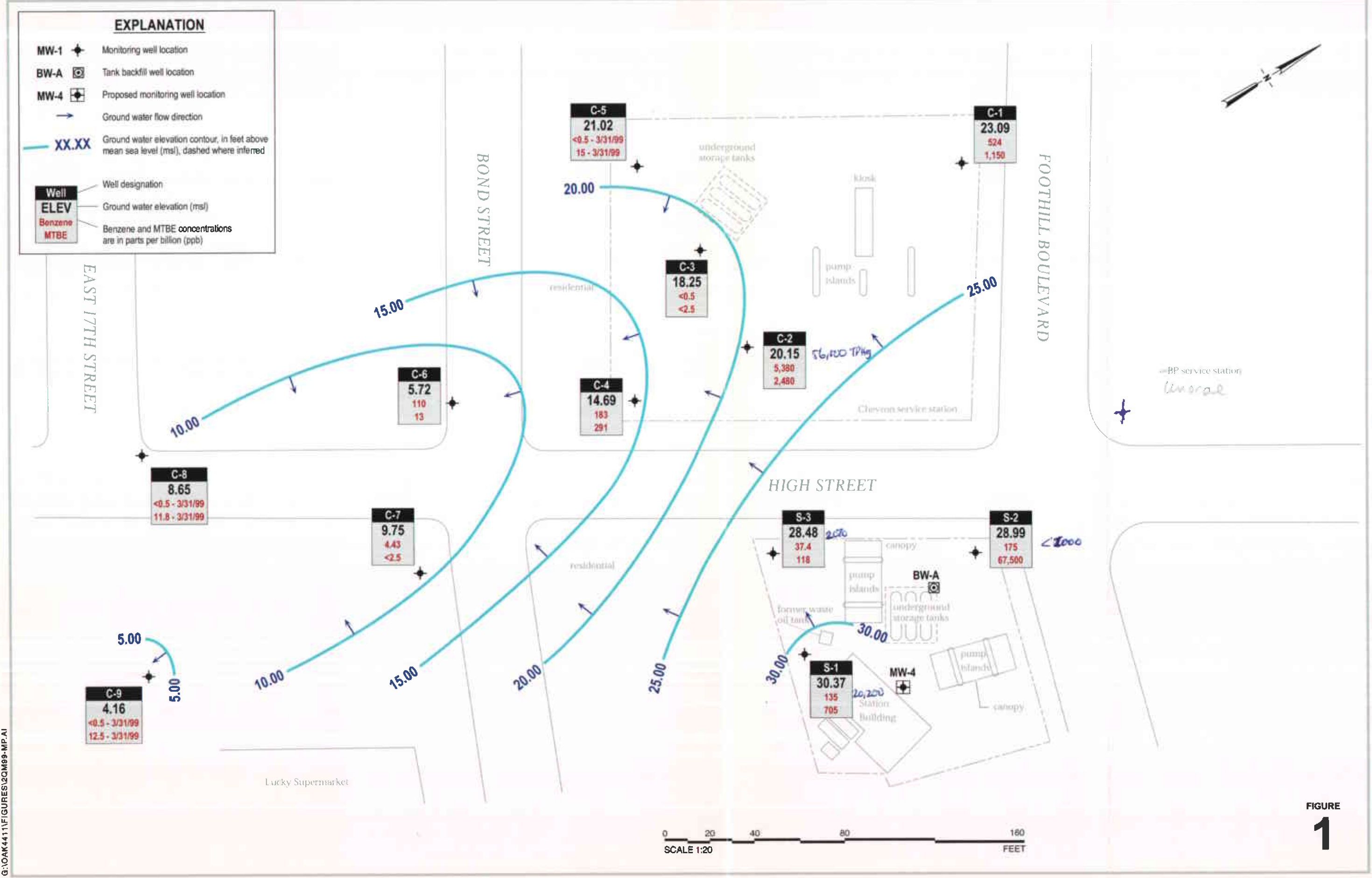
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EXPLANATION

- MW-1 Monitoring well location
- BW-A Tank backfill well location
- MW-4 Proposed monitoring well location
- Ground water flow direction
- XX.XX Ground water elevation contour, in feet above mean sea level (msl), dashed where inferred

Well	ELEV	Benzene	MTBE

Well designation
Ground water elevation (msl)
Benzene and MTBE concentrations are in parts per billion (ppb)



Ground Water Elevation Contour Map

June 14, 1999



Shell-branded Service Station
4411 Foothill Boulevard
Oakland, California
Incident #98995746

FIGURE 1

G:\OAK4411\FIGURES\COM99-MP-AI

Table 1. Ground Water Analytical Data - Bioattenuation Parameters - Shell-branded Service Station Incident #98995746, 4411 Foothill Boulevard, Oakland, California

Well ID	Date	Depth to Water (feet)	TPHg (ppb)	Concentrations in ppm					DO	ORP (millivolts)	Notes
				Motor Oil	Ferrous Iron	Nitrate as Nitrate	Sulfate				
S-1	03/16/98	6.00	26,000	---	1.9	<1.0	<1.0	5.3/3.7	158/155		
	06/23/98	6.31	<1,000	---	2.0	<1.0	5.9	3.8/2.4	117/94		
	09/01/98	9.17	26,000	---	4.5	<1.0	12	1.4/2.6	-85/-51		
	12/30/98	8.99	29,900	0.334	4.1	<1.0	6.2	1.6/2.0	-25/-62		
	03/30/99	6.10	14,200	0.279	0.880	0.115	6.10	1.2/1.8	-56/-39		
	06/14/99	7.94	20,200	---	1.30	<1.00	5.70	1.4/2.1	-72/-24		
S-2	03/16/98	7.97	1,100	---	1.7	<1.0	17	7.0/4.3	147/149		
	06/23/98	8.20	720	---	4.3	<1.0	5.7	4.2/3.8	128/134		
	06/23/98	8.20	810	---	3.7	<1.0	5.4	4.2/3.8	128/134	duplicate	
	09/01/98	9.85	<2,000	---	4.1	<1.0	7.8	1.9/1.6	-26/-11		
	12/30/98	9.84	<5,000	---	1.9	<1.0	10	2.0/1.8	-54/-36		
	03/30/99	8.41	<2,000	---	<0.100	<0.100	8.51	2.1/1.8	-10/-08		
06/14/99	9.80	<1,000	---	1.40	<1.00	5.20	2.4/2.1	-121/-113			
S-3	03/16/98	5.75	29,000	---	3.8	<1.0	12	3.0/3.4	153/142		
	06/23/98	5.98	3,800	---	2.0	<1.0	8.9	4.2/2.0	119/121		
	09/01/98	8.98	9,600	---	2.7	<1.0	7.3	1.9/2.8	57/35		
	09/01/98	8.98	9,200	---	2.2	<1.0	7.2	1.9/2.8	57/35	duplicate	
	12/30/98	9.11	7,660	---	5.2	<1.0	5.9	1.8/1.6	75/54		
	03/30/99	6.95	2,070	---	<0.100	0.689	17.5	1.3/1.5	72/61		
06/14/99	8.85	1,250	---	4.10	<1.00	15.0	1.6/1.2	-118/-108			

Ideal Aerobic Degradation Relationship:
Observed Relationship:

Direct	Inverse	Inverse	Inverse	Direct
Inconclusive	Inconclusive	Moderately inverse	Moderately inverse	Inconclusive

Table 1. Ground Water Analytical Data - Bioattenuation Parameters - Shell-branded Service Station Incident #98995746, 4411 Foothill Boulevard, Oakland, California

Well ID	Date	Depth to Water (feet)	TPHg (ppb)	Motor Oil	Ferrous Iron	Nitrate as Nitrate (Concentrations in ppm)	Sulfate	DO	ORP (millivolts)	Notes
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Abbreviations and Notes:

- TPHg = Total petroleum hydrocarbons as gasoline by modified EPA Method 8015
- Motor Oil = Extractable hydrocarbons as motor oil by modified EPA Method 8015
- DO = Dissolved oxygen (pre-purge / post-purge)
- ORP = Oxidation reduction potential (pre-purge / post-purge)
- ppb = Parts per billion
- ppm = Parts per million
- <n = Below detection limit of n units
- Ferrous iron by modified EPA Method 200.7
- Nitrate as nitrate and sulfate by EPA Method 300.0

ATTACHMENT A

Blaine Ground Water Monitoring Report
and Field Notes



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

August 2, 1999

Karen Petryna
Equiva Services LLC
P.O. Box 6249
Carson, CA 90749-6249

Second Quarter 1999 Groundwater Monitoring at
Shell-branded Service Station
4411 Foothill Blvd.
Oakland, CA

Monitoring performed on June 14, 1999

Groundwater Monitoring Report 990614-R-2

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

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

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

Blaine Tech Services, Inc. conducts sampling and documentation assignments of this type as an independent third party. 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,

A handwritten signature in black ink, appearing to read "Deidre Kerwin". The signature is fluid and cursive, with a long horizontal flourish extending to the right.

Deidre Kerwin
Operations Manager

DK/ld

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

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

WELL CONCENTRATIONS
Shell-branded Service Station
4411 Foothill Boulevard
Oakland, CA
Wic #204-5508-3400

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOB (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
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S-1	12/18/1992	41,000	NA	3,100	1,100	1,200	8,700	NA	NA	38.31	9.06	NA	NA
S-1	05/26/1993	39,000	6,000	1,300	4,700	1,500	7,800	NA	NA	38.31	NA	NA	NA
S-1	05/28/1993	NA	NA	NA	NA	NA	NA	NA	NA	38.31	12.13	26.18	NA
S-1	06/03/1993	NA	NA	NA	NA	NA	NA	NA	NA	38.31	8.89	29.42	NA
S-1	06/08/1993	NA	NA	NA	NA	NA	NA	NA	NA	38.31	8.80	29.51	NA
S-1	09/21/1993	34,000	5,900	480	5,000	3,800	18,000	NA	NA	38.31	10.40	27.91	NA
S-1	12/14/1993	25,000	13,000	1,100	5,000	2,200	11,000	NA	NA	38.31	9.66	28.65	NA
S-1	03/17/1994	57,000	1,600	1,300	5,400	2,100	11,000	NA	NA	38.31	8.20	30.11	NA
S-1	06/16/1994	57,000	3,000	1,600	6,000	2,000	13,000	NA	NA	38.31	9.41	28.90	NA
S-1	09/22/1994	39,000	ND	1,300	2,100	1,500	7,100	NA	NA	38.31	11.13	27.18	NA
S-1 a	12/15/1994	30,000	3,100	1,100	4,700	1,600	10,000	NA	NA	38.31	7.15	31.16	NA
S-1 a, b	03/30/1995	30,000	3,100	1,400	4,000	1,500	11,000	NA	NA	38.31	6.09	32.22	NA
S-1	06/20/1995	28,000	2,100	1,100	2,300	1,100	8,300	NA	NA	38.31	7.30	31.01	NA
S-1	09/20/1995	40,000	2,600	840	3,600	1,300	8,600	NA	NA	38.31	10.02	28.29	NA
S-1 a	12/06/1995	38,000	6,400	920	3,200	1,500	9,400	NA	NA	38.31	11.64	26.67	NA
S-1	03/21/1996	48,000	NA	700	4,200	1,100	8,600	NA	NA	38.31	6.87	31.44	NA
S-1	09/06/1996	41,000	4,100	830	2,600	2,100	12,000	<250	NA	38.31	10.50	27.81	NA
S-1	12/19/1996	40,000	2,500	540	3,100	1,900	9,800	920	NA	38.31	8.24	30.07	NA
S-1	03/17/1997	42,000	4,700	610	2,700	1,700	11,000	3,500	NA	38.31	7.26	31.05	NA
S-1	06/11/1997	28,000	4,000	540	960	1,300	5,300	220	NA	38.31	10.69	27.62	NA
S-1 (D)	06/11/1997	30,000	3,900	580	1,000	1,400	5,400	<125	NA	38.31	10.69	27.62	NA
S-1	09/17/1997	27,000	4,400	310	1,200	1,900	9,000	170	NA	38.31	10.26	28.05	NA
S-1 (D)	09/17/1997	27,000	4,400	270	1,200	1,900	9,000	170	NA	38.31	10.26	28.05	NA
S-1	12/11/1997	21,000	3,400	350	820	1,500	6,500	<125	NA	38.31	6.96	31.35	NA
S-1	03/16/1998	25,000	2,500	250	820	670	5,000	<125	NA	38.31	6.00	32.31	NA
S-1 (D)	03/16/1998	26,000	NA	250	840	720	5,100	<125	NA	38.31	6.00	32.31	5.3/3.7
S-1	06/23/1998	<1,000	230	280	14	23	15	6,100	7,800	38.31	6.31	32.00	3.8/2.4
S-1	09/01/1998	26,000	2,300	370	620	1,300	33	1,400	120	38.31	9.17	29.14	1.4/2.6
S-1	12/30/1998	29,900	1,970	174	732	1,680	5,740	182	NA	38.31	8.99	29.32	1.6/2.0

WELL CONCENTRATIONS
Shell-branded Service Station
4411 Foothill Boulevard
Oakland, CA
Wic #204-5508-3400

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOB (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
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S-1	03/30/1999	14,200	1,150	1,360	260	1,070	3,580	<500	90.0	38.31	6.10	32.21	1.2/1.8
S-1	03/31/1999	NA	NA	NA	NA	NA	NA	NA	NA	38.31	7.84	30.47	NA
S-1	06/14/1999	20,200	4,280	135	407	825	5,000	705	NA	38.31	7.9	30.37	1.4/2.1

S-2	05/28/1993	NA	NA	NA	NA	NA	NA	NA	NA	38.79	9.51	29.28	NA
S-2	06/03/1993	NA	NA	NA	NA	NA	NA	NA	NA	38.79	9.51	29.28	NA
S-2	06/08/1993	NA	NA	NA	NA	NA	NA	NA	NA	38.79	9.57	29.22	NA
S-2	06/29/1993	1,300	NA	290	35	38	130	NA	NA	38.79	NA	NA	NA
S-2	09/21/1993	3,300	NA	870	24	190	120	NA	NA	38.79	10.54	28.25	NA
S-2	12/14/1993	1,300	NA	400	16	36	27	NA	NA	38.79	9.76	29.03	NA
S-2	03/17/1994	4,500	NA	610	27	92	110	NA	NA	38.79	9.92	28.87	NA
S-2 (D)	03/17/1994	4,000	NA	610	26	93	120	NA	NA	38.79	9.92	28.87	NA
S-2	06/16/1994	2,800	NA	690	45	97	140	NA	NA	38.79	10.11	28.68	NA
S-2	09/22/1994	4,000	NA	630	94	64	230	NA	NA	38.79	10.51	28.28	NA
S-2	12/15/1994	1,600	NA	450	300	67	130	NA	NA	38.79	9.12	29.67	NA
S-2 b	03/30/1995	8,200	NA	2,800	190	240	700	NA	NA	38.79	7.86	30.93	NA
S-2	06/20/1995	9,600	NA	2,600	160	170	500	NA	NA	38.79	9.51	29.28	NA
S-2	09/20/1995	4,200	NA	920	45	98	140	NA	NA	38.79	10.06	28.73	NA
S-2	12/06/1995	<5,000	NA	790	67	64	130	NA	NA	38.79	10.52	28.27	NA
S-2	03/21/1996	3,700	NA	850	45	96	170	NA	NA	38.79	8.60	30.19	NA
S-2	09/06/1996	2,400	NA	500	33	39	84	490	NA	38.79	10.50	28.29	NA
S-2	12/19/1996	1,200	NA	330	15	24	31	430	NA	38.79	9.40	29.39	NA
S-2	03/17/1997	4,100	NA	780	42	110	120	2,200	NA	38.79	9.82	28.97	NA
S-2	06/11/1997	760	NA	120	<5.0	7.0	7.6	900	NA	38.79	10.18	28.61	NA
S-2	09/17/1997	1,500	NA	230	8.6	40	27	480	NA	38.79	9.90	28.89	NA
S-2	12/11/1997	1,300	NA	240	15	33	57	280	NA	38.79	8.27	30.52	NA
S-2	03/16/1998	1,100	NA	830	48	<10	<10	4,700	4,800	38.79	7.97	30.82	7.0/4.3
S-2	06/23/1998	720	NA	46	6.8	50	68	50	8.8	38.79	8.20	30.59	4.2/3.8
S-2 (D)	06/23/1998	810	NA	49	7.1	50	70	49	8.8	38.79	8.20	30.59	4.2/3.8
S-2	09/01/1998	<2,000	NA	170	<20	<20	<20	9,300	12,000	38.79	9.85	28.94	1.9/1.6

WELL CONCENTRATIONS
Shell-branded Service Station
4411 Foothill Boulevard
Oakland, CA
Wic #204-5508-3400

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOB (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
S-2	12/30/1998	<5000	NA	369	<50	<50	<50	14,300	NA	38.79	9.84	28.95	2.0/1.8
S-2	03/30/1999	<2000	NA	234	<20.0	27.4	36.9	49,200	53,000	38.79	8.41	30.38	2.1/1.8
S-2	03/31/1999	NA	NA	NA	NA	NA	NA	NA	NA	38.79	8.67	30.12	NA
S-2	06/14/1999	<1000	NA	175	<10.0	<10.0	11.1	67,500	NA	38.79	9.60	28.99	2.4/2.1
S-3	05/28/1993	NA	NA	NA	NA	NA	NA	NA	NA	37.33	8.45	28.88	NA
S-3	06/03/1993	NA	NA	NA	NA	NA	NA	NA	NA	37.33	8.36	28.97	NA
S-3	01/19/1900	NA	NA	NA	NA	NA	NA	NA	NA	37.33	8.41	28.92	NA
S-3	06/29/1993	29,000	NA	1,500	1,800	950	6,200	NA	NA	37.33	NA	NA	NA
S-3	09/21/1993	15,000	NA	900	2,200	2,600	11,000	NA	NA	37.33	10.08	27.25	NA
S-3	12/94/1993	20,000	NA	1,100	2,400	1,800	8,500	NA	NA	37.33	8.80	28.53	NA
S-3	03/17/1994	14,000	NA	580	190	750	1,700	NA	NA	37.33	8.34	28.99	NA
S-3	06/16/1994	20,000	NA	700	690	1,400	4,100	NA	NA	37.33	9.12	28.21	NA
S-3 (D)	06/16/1994	19,000	NA	680	560	1,300	3,700	NA	NA	37.33	NA	NA	NA
S-3	09/22/1994	24,000	NA	630	1,100	1,400	5,700	NA	NA	37.33	10.27	27.06	NA
S-3 (D)	09/22/1994	25,000	NA	720	1,100	1,500	6,100	NA	NA	37.33	NA	NA	NA
S-3	12/15/1994	18,000	NA	520	800	1,100	4,200	NA	NA	37.33	7.81	29.52	NA
S-3 (D)	12/15/1994	23,000	NA	1,000	1,900	2,000	8,600	NA	NA	37.33	NA	NA	NA
S-3 b	03/30/1995	8,800	NA	360	730	700	3,700	NA	NA	37.33	7.06	30.27	NA
S-3 (D)	03/30/1995	7,600	NA	330	570	600	2,600	NA	NA	37.33	NA	NA	NA
S-3	06/20/1995	9,600	NA	510	170	960	1,700	NA	NA	37.33	8.15	29.18	NA
S-3 (D)	06/20/1995	9,800	NA	500	170	950	1,700	NA	NA	37.33	NA	NA	NA
S-3	09/20/1995	21,000	NA	400	560	1,300	4,600	NA	NA	37.33	9.32	28.01	NA
S-3	12/06/1995	24,000	NA	630	1,400	1,400	6,000	NA	NA	37.33	10.53	26.80	NA
S-3 (D)	12/06/1995	22,000	NA	630	1,200	1,400	5,500	NA	NA	37.33	NA	NA	NA
S-3	03/21/1996	9,100	NA	290	110	490	1,600	NA	NA	37.33	7.32	30.01	NA
S-3 (D)	03/21/1996	11,000	NA	310	250	540	2,100	NA	NA	37.33	NA	NA	NA
S-3	09/06/1996	15,000	NA	440	300	1,100	3,000	500	NA	37.33	10.10	27.23	NA
S-3 (D)	09/06/1996	11,000	NA	490	170	820	1,500	700	NA	37.33	NA	NA	NA
S-3	12/19/1996	12,000	NA	600	380	850	2,500	380	NA	37.33	8.36	28.97	NA

WELL CONCENTRATIONS
Shell-branded Service Station
4411 Foothill Boulevard
Oakland, CA
Wic #204-5508-3400

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOB (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
S-3 (D)	12/19/1996	12,000	NA	590	380	830	2,500	540	NA	37.33	8.36	28.97	NA
S-3	03/17/1997	12,000	NA	520	140	740	1,400	320	NA	37.33	8.57	28.76	NA
S-3 (D)	03/17/1997	9,600	NA	500	100	680	1,100	<250	NA	37.33	8.57	28.76	NA
S-3	06/11/1997	9,600	NA	510	94	740	1,100	410	NA	37.33	9.26	28.07	NA
S-3	09/17/1997	21,000	NA	140	560	1,800	7,200	130	NA	37.33	9.62	27.71	NA
S-3	12/11/1997	24,000	NA	530	970	1,600	6,900	950	NA	37.33	7.34	29.99	NA
S-3 (D)	12/11/1997	29,000	NA	520	1,000	1,600	7,300	970	NA	37.33	7.34	29.99	NA
S-3	03/16/1998	29,000	NA	840	810	1,700	6,000	<250	NA	37.33	5.75	31.58	3.0/3.4
S-3	06/23/1998	3,800	NA	90	220	240	1,400	<50	NA	37.33	5.98	31.35	4.2/2.0
S-3	09/01/1998	9,600	NA	480	120	870	1,800	490	<50	37.33	8.98	28.35	1.9/2.8
S-3 (D)	09/01/1998	9,200	NA	420	110	800	1,700	110	<50	37.33	8.98	28.35	1.9/2.8
S-3	12/30/1998	7,660	NA	240	103	410	834	64.9	NA	37.33	9.11	28.22	1.8/1.6
S-3	03/30/1999	2,070	NA	195	10.0	<5.00	48.6	354	64.6	37.33	6.95	30.38	1.3/1.5
S-3	03/31/1999	NA	NA	NA	NA	NA	NA	NA	NA	37.33	7.48	29.85	NA
S-3	06/14/1999	1,250	NA	374	174	110	109	118	NA	37.33	8.65	28.48	1.6/1.2

Abbreviations:

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

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

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

MTBE = methyl-tertiary-butyl ether

TOB = Top of Box Elevation

GW = Groundwater

DO = Dissolved Oxygen

ug/L = parts per billion

msl = Mean sea level

ft = Feet

<n = Below detection limit

D = Duplicate sample

= Pre-purge / Post-purge

WELL CONCENTRATIONS
Shell-branded Service Station
4411 Foothill Boulevard
Oakland, CA
Wic #204-5508-3400

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

a = Chromatogram pattern indicates an unidentified hydrocarbon.
b = National Environmental Testing, Inc. (NET), analyzed within hold time but further dilutions were required and analyzed out of hold time.
NET suggests that these should be considered minimum concentrations.

Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Volumetric Measurements are in gallons.

Analytical results are in parts per billion (ppb)

DATE	Well	Ground	Depth	Volumetric Measurements are in gallons.			Notes	Analytical results are in parts per billion (ppb)					
	Head Elev.	Water Elev.	To Water	SPH Thickness	SPH Removed	Total SPH Removed		TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE
C-1													
04/28/89	35.42	15.37	20.05	--	--	--							
08/08/89	35.42	11.35	24.07	--	--	--		940	30	1.3	11	13	
12/21/89	35.42	12.61	22.81	--	--	--		820	45	2.0	13	13	
08/27/90	35.42	13.30	22.12	--	--	--		--	--	--	--	--	
11/04/90	35.42	9.88	25.56	--	--	--		440	15	1.0	6.0	13	
06/18/91	35.42	13.78	21.64	--	--	--		--	--	--	--	--	
09/19/91	35.42	10.84	24.58	--	--	--		74	5.6	0.6	1.9	1.3	
12/20/91	35.42	9.25	26.17	--	--	--		150	7.1	<0.5	2.3	3.0	
03/18/92	35.42	17.17	18.25	--	--	--		250	10	<0.5	3.7	1.6	
07/14/92	35.42	7.81	27.61	--	--	--		190	16	<0.5	8.5	2.9	
10/08/92	35.42	10.98	24.44	--	--	--		20,000	480	2200	510	2900	
01/08/93	35.42	15.74	19.68	--	--	--		360	34	4.6	19	12	
04/14/93	35.42	19.04	16.38	--	--	--		120	9.1	0.5	5.1	1.8	
07/16/93	35.42	--	--	--	--	--		190	74	0.6	1.0	2.0	
07/27/93	35.42	26.03	9.39	--	--	--		--	--	--	--	--	
09/21/93	38.41	16.99	21.42	--	--	--		300	12	<0.5	5.0	2.0	
01/28/94	38.41	18.84	19.57	--	--	--		360	12	1.2	5.8	3.7	
03/17/94	38.41	21.56	16.85	--	--	--		370	24	1.0	13	4.0	
06/16/94	38.41	20.58	17.83	--	--	--		480	42	<0.5	6.7	3.7	
08/22/94	38.41	18.15	20.26	--	--	--		320	20	0.7	8.7	3.0	
12/15/94	38.41	22.59	15.82	--	--	--		380	24	0.6	8.8	1.9	
03/30/95	38.41	26.39	12.02	--	--	--		280	23	7.6	7.8	13	
06/20/95	38.41	24.01	14.40	--	--	--		2200	890	8.9	15	>5.0	
09/20/95	38.41	24.59	13.82	--	--	--		690	140	<2.0	9.4	2.8	
12/06/95	38.41	17.81	20.60	--	--	--		730	27	78	26	130	
03/21/96	38.41	26.76	11.65	--	--	--		220	16	<0.5	7.2	1.7	11
06/21/96	38.41	24.16	14.25	--	--	--		640	170	<2.0	6.7	>2.0	35
09/06/96	38.41	21.66	16.75	--	--	--		640	140	<1.2	8.7	2.0	23
12/19/96	38.41	24.43	13.98	--	--	--		460	24	0.56	10	2.4	43
03/17/97	38.41	25.63	12.78	--	--	--		790	120	22	13	19	>25
06/11/97	38.41	23.25	15.16	--	--	--		2200	680	<10	15	<10	110
09/17/97	38.41	21.47	16.94	--	--	--		1500	130	<2.0	16	3.4	130
12/11/97	38.41	25.23	13.18	--	--	--		910	160	23	13	49	180
								2000	270	7.0	53	7.4	460

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* See Table of Additional Analyses.

Cumulative Table of Well Data and Analytical Results

AUG. 25 99 (WED) 17:43
 BLAINE TECH SERVICES, INC
 TEL: 408 573 7711
 P. 020

Vertical Measurements are in feet.

Volumetric Measurements are in gallons.

Analytical results are in parts per billion (ppb)

DATE	Well	Ground	Depth	Volumetric Measurements are in gallons.			Notes	Analytical results are in parts per billion (ppb)					
	Head Elev.	Water Elev.	To Water	SPH Thickness	SPH Removed	Total SPH Removed		TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE
C-1 (CONT'D)													
03/12/98	38.41	28.92	9.49	-	-	-	*	3100	1300	<20	42	<20	760
06/23/98	38.41	28.19	10.22	-	-	-	-	1300	650	6.9	22	6.5	290
09/01/98	38.41	21.43	16.98	-	-	-	-	270	6.0	<2.5	<2.5	<2.5	950
12/30/98	38.41	22.29	16.12	-	-	-	-	2020	578	<5.0	<5.0	<5.0	1720
03/31/99	38.41	24.53	13.88	-	-	-	*	2140	776	5.89	<5.0	5.15	1170
08/14/99	38.41	23.09	15.32	-	-	-	-	1450	524	<5.0	<5.0	<5.0	1150
06/14/99	38.41	23.09	15.32	-	-	-	Confirmation run	-	-	-	-	-	1360**

See Table of Additional Analyses.

* Samples were analyzed past hold-time, the results should be considered as estimated.

Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Volumetric Measurements are in gallons.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	SPH Thickness	SPH Removed	Total SPH Removed	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE
C-2													
04/28/89	35.18	8.74	26.44	--	--	--	--	120,000	30,000	22,000	3000	17,000	--
08/08/89	35.18	5.29	29.90	0.01	--	--	--	--	--	--	--	--	--
12/21/88	35.18	5.86	29.32	--	--	--	--	--	--	--	--	--	--
08/27/90	35.18	5.77	29.55	0.17	--	--	--	--	--	--	--	--	--
11/04/90	35.18	4.71	30.47	--	--	--	--	--	--	--	--	--	--
06/18/91	35.18	6.90	28.33	0.06	--	--	--	--	--	--	--	--	--
09/19/91	35.18	5.84	29.39	0.06	--	--	--	--	--	--	--	--	--
12/20/91	35.18	5.95	29.23	--	--	--	--	--	--	--	--	--	--
03/18/92	35.18	21.58	13.60	0.09	--	--	--	170,000	20,000	10,000	2800	19,000	--
07/14/92	35.18	--	--	--	--	--	--	--	--	--	--	--	--
10/08/92	35.18	--	--	--	--	--	--	--	--	--	--	--	--
01/08/93	35.18	10.98	24.20	Sheen	--	--	--	79,000	14,000	7200	3500	16,000	--
04/14/93	35.18	--	--	--	--	--	--	--	--	--	--	--	--
07/16/93	35.18	5.03	30.15	--	--	--	--	2200	440	73	24	350	--
09/21/93	37.47	11.18	26.29	--	--	--	--	11,000	2300	300	270	910	--
01/28/94	37.47	13.51	23.96	--	--	--	--	49,000	11,000	3900	1600	12,000	--
03/17/94	37.47	11.48	25.99	--	--	--	--	16,000	3300	1000	220	3500	--
06/16/94	37.47	13.55	23.92	--	--	--	--	20,000	4800	1500	520	4300	--
09/22/94	37.47	11.85	25.62	--	--	--	--	35,000	5600	850	1700	7300	--
12/15/94	37.47	16.31	21.16	--	--	--	--	96,000	9000	3500	3300	13,000	--
03/30/95	37.47	20.29	17.18	--	--	--	--	100,000	9400	3700	3900	14,000	--
06/20/95	37.47	18.52	18.95	--	--	--	--	93,000	6400	1900	2900	11,000	--
09/20/95	37.47	19.27	18.20	--	--	--	--	58,000	6600	330	1600	5500	--
12/06/95	37.47	12.71	24.76	--	--	--	--	40,000	5000	86	1800	3700	>500
03/21/96	37.47	21.30	16.17	0.00	0.132	0.130	--	--	--	--	--	--	--
06/21/96	37.47	19.34	18.15	0.02	0.026	0.156	--	--	--	--	--	--	--
09/06/96	37.47	16.36	21.14	0.04	0.079	0.235	--	--	--	--	--	--	--
12/19/96	37.47	19.94	17.55	0.03	0.050	0.285	--	--	--	--	--	--	--
03/17/97	37.47	18.88	18.59	--	--	0.285	--	58,000	4800	1200	1800	6300	3400
06/11/97	37.47	16.17	21.30	--	--	0.285	--	40,000	5500	720	1400	4100	3100
09/17/97	37.47	14.33	23.14	--	--	0.285	--	30,000	4800	220	1200	1800	3200
12/11/97	37.47	20.26	17.21	--	--	0.285	--	76,000	6100	1300	2200	8000	3800

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* See Table of Additional Analyses.

AUG. - 25' 99 (WED) 17:38

BLAINE TECH SERVICES, INC

TEL: 408 573 7771

P. 002

Cumulative Table of Well Data and Analytical Results

AUG. 25 99 (WED) 17:39
 BLAINE TECH SERVICES, INC
 TEL: 408 573 7771
 P. 003

Vertical Measurements are in feet.			Volumetric Measurements are in gallons.				Analytical results are in parts per billion (ppb)						
DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	SPH Thickness	SPH Removed	Total SPH Removed	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE
C-2 (CONT'D)													
03/12/98	37.47	23.30	14.17	-	-	0.285	*	45,000	6000	1400	1800	5900	2700
06/23/98	37.47	22.65	14.82	-	-	0.285	ORC Installed	1,100,000	6800	5100	13,000	38,000	<1000
09/01/98	37.47	15.69	21.78	-	-	0.285	-	9700	300	8.2	6.2	250	3700
12/30/98	37.47	15.61	21.86	-	-	-	-	110,000	4790	1300	841	5570	2420
03/31/99	37.47	20.57	16.90	-	-	-	*	48,000	4800	1110	1520	5450	2160
06/14/99	37.47	17.32	20.15	-	-	-	Sheen	56,400	5380	671	1300	3960	2480
06/14/99	37.47	17.32	20.15	-	-	-	Confirmation run	-	-	-	-	-	2630**

* See Table of Additional Analyses.
 ** Samples were analyzed past hold-time, the results should be considered as estimated.

Cumulative Table of Well Data and Analytical Results

AUG. -25' 99 (WED) 17:39

BLAINE TECH SERVICES, INC

TEL: 408 573 7771

P. 004

Vertical Measurements are in feet.

Volumetric Measurements are in gallons.

Analytical results are in parts per billion (ppb)

DATE	Well	Ground	Depth	Volumetric Measurements			Notes	Analytical results					
	Head Elev.	Water Elev.	To Water	SPH Thickness	SPH Removed	Total SPH Removed		TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE
C-3													
04/28/89	35.28	7.28	28.00	--	--	--	--	<500	1.7	<0.5	<0.5	<0.5	--
08/08/89	35.28	5.28	30.00	--	--	--	--	<500	1.0	<0.5	<0.5	<0.5	--
12/21/89	35.28	4.75	30.53	--	--	--	--	--	--	--	--	--	--
08/27/90	35.28	5.60	29.68	--	--	--	--	<50	<0.3	<0.3	<0.3	<0.6	--
11/04/80	35.30	4.94	30.36	--	--	--	--	--	--	--	--	--	--
06/18/91	35.30	6.84	28.46	--	--	--	--	52	1.1	<0.5	<0.5	1.2	--
09/19/91	35.30	5.97	29.33	--	--	--	--	73	1.2	<0.5	<0.5	<0.5	--
12/20/91	35.30	5.53	29.77	--	--	--	--	<50	0.7	<0.5	<0.5	<0.5	--
03/18/92	35.30	9.55	25.75	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/14/92	35.30	7.43	27.87	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/08/92	35.30	6.75	28.55	--	--	--	--	<50	<0.5	<0.5	<0.5	0.5	--
01/08/93	35.30	9.45	25.85	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/14/93	35.30	11.34	23.96	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/16/93	35.30	9.66	25.64	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/21/93	38.37	12.15	26.22	--	--	--	--	<50	0.7	<0.5	<0.5	<0.8	--
01/28/94	38.37	12.71	25.66	--	--	--	--	<50	2.0	<0.5	<0.5	1.0	--
03/17/94	38.37	13.42	24.95	--	--	--	--	<50	2.8	<0.5	0.6	1.5	--
06/16/94	38.37	14.06	24.31	--	--	--	--	<50	1.4	<0.5	<0.5	<0.5	--
09/22/94	38.37	13.33	25.04	--	--	--	--	<50	0.6	<0.5	<0.5	<0.5	--
12/15/94	38.37	16.15	22.22	--	--	--	--	<50	2.6	1.7	0.82	4.5	--
03/30/95	38.37	19.95	18.42	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/20/95	38.37	18.58	19.79	--	--	--	--	110	2.2	<0.5	<0.5	1.2	--
09/20/95	38.37	19.42	18.95	--	--	--	--	560	21	80	23	120	--
12/06/95	38.37	14.21	24.16	--	--	--	--	<50	0.73	<0.5	<0.5	0.67	>2.5
03/21/96	38.37	20.52	17.85	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	>2.5
06/21/96	38.37	18.59	19.78	--	--	--	--	57	<0.5	<0.5	<0.5	<0.5	>2.5
09/06/96	38.37	16.74	21.63	--	--	--	--	<50	0.9	<0.5	<0.5	<0.5	>2.5
12/19/96	38.37	16.07	22.30	--	--	--	--	310	36	33	6.5	28	>2.5
03/17/97	38.37	19.42	18.95	--	--	--	--	54	1.1	<0.5	<0.5	0.76	>2.5
06/11/97	38.37	17.22	21.15	--	--	--	--	120	1.1	<0.5	<0.5	<0.5	>2.5
09/17/97	38.37	15.96	22.41	--	--	--	--	240	19	19	6.6	40	13
12/11/97	38.37	16.11	22.26	--	--	--	--	<50	1.8	<0.5	<0.5	0.5	>2.5

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* See Table of Additional Analyses.

Cumulative Table of Well Data and Analytical Results

AUG. 25, 99 (WED) 17:39
 BLAINE TECH SERVICES, INC
 TEL: 408 573 7771
 P. 005

Vertical Measurements are in feet.

Volumetric Measurements are in gallons.

Analytical results are in parts per billion (ppb)

DATE	Well	Ground	Depth	Volumetric Measurements			Notes	Analytical results					
	Head Elev.	Water Elev.	To Water	SPH Thickness	SPH Removed	Total SPH Removed		TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE
C-3 (CONT'D)													
03/12/98	38.37	20.02	18.35	--	--	--	--	72	6.3	<0.5	0.64	3.1	2.6
06/23/98	38.37	19.33	19.04	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
08/01/98	38.37	18.40	19.97	--	--	--	--	200	6.8	0.31	0.52	2.0	<2.5
12/30/98	38.37	17.06	21.31	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0
03/31/99	38.37	20.60	17.77	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	12.6
06/14/99	38.37	20.12	18.25	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5

See Table of Additional Analyses.

Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Volumetric Measurements are in gallons.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Volumetric Measurements			Notes	Analytical Results (ppb)						
				SPH Thickness	SPH Removed	Total SPH Removed		TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE	
01/12/89	33.45	3.96	29.49	--	--	--	--	--	--	--	--	--	--	--
04/12/89	33.45	6.01	27.44	--	--	--	--	--	--	--	--	--	--	--
04/28/89	33.45	3.96	29.49	--	--	--	--	20,000	6300	550	230	1500	--	--
08/08/89	33.45	3.90	29.55	--	--	--	--	8000	7500	340	88	1000	--	--
02/21/89	33.45	3.43	30.02	--	--	--	--	--	--	--	--	--	--	--
08/27/90	33.48	4.46	29.02	--	--	--	--	26,000	10,000	280	410	1400	--	--
11/04/90	33.48	3.67	29.81	--	--	--	--	--	--	--	--	--	--	--
06/18/91	33.48	6.03	27.45	--	--	--	--	34,000	14,000	410	450	1300	--	--
09/19/91	33.48	4.83	28.65	--	--	--	--	16,000	7400	90	110	460	--	--
02/20/91	33.48	4.64	28.84	--	--	--	--	24,000	12,000	120	260	740	--	--
03/18/92	33.48	11.05	24.43	--	--	--	--	48,000	6000	1300	1300	2400	--	--
07/14/92	33.48	6.59	26.89	--	--	--	--	40,000	14,000	920	550	2400	--	--
10/08/92	33.48	5.69	27.79	--	--	--	--	29,000	13,000	190	110	1400	--	--
01/08/93	33.48	9.98	23.50	--	--	--	--	25,000	7000	630	860	1800	--	--
04/14/93	33.48	12.35	21.13	--	--	--	--	27,000	6300	1000	900	1400	--	--
07/16/93	33.48	9.52	23.96	--	--	--	--	28,000	7800	1100	830	2100	--	--
09/21/93	36.49	10.98	25.51	--	--	--	--	30,000	9600	130	390	1900	--	--
01/28/94	36.49	13.18	23.31	--	--	--	--	18,000	7800	440	260	1200	--	--
03/17/94	36.49	15.14	21.35	--	--	--	--	32,000	7800	820	820	1800	--	--
06/16/94	36.49	13.99	22.50	--	--	--	--	25,000	7600	710	600	1800	--	--
09/22/94	36.49	12.56	23.93	--	--	--	--	25,000	7800	140	600	1100	--	--
02/15/94	36.49	17.47	19.02	--	--	--	--	38,000	7600	460	1200	2000	--	--
03/30/95	36.49	21.63	14.86	--	--	--	--	41,000	8700	1600	1800	3000	--	--
06/20/95	36.49	19.59	16.90	--	--	--	--	29,000	6000	890	960	1800	--	--
09/20/95	36.49	20.29	16.20	--	--	--	--	12,000	6900	510	290	1300	--	--
12/06/95	36.49	13.37	23.12	--	--	--	--	13,000	3900	42	30	250	--	--
03/21/96	36.49	22.39	14.10	--	--	--	--	39,000	4800	640	1000	1800	>250	>1000
06/21/96	36.49	19.54	16.95	--	--	--	--	26,000	4400	640	960	1800	--	2000
09/06/96	36.49	16.36	20.13	--	--	--	--	23,000	500	200	230	1000	--	3100
02/19/96	36.49	19.57	16.92	--	--	--	--	23,000	4900	320	1100	2000	--	>250
03/17/97	36.49	19.09	17.40	--	--	--	--	30,000	5800	700	1400	2200	--	1700
06/11/97	36.49	18.15	18.34	--	--	--	--	29,000	4400	520	790	1800	--	2000
09/17/97	36.49	15.03	21.46	--	--	--	--	17,000	4300	140	940	1100	--	4600
02/11/97	36.49	19.84	16.65	--	--	--	--	12,000	2500	130	300	1000	--	1400

CONTINUED ON NEXT PAGE

See Table of Additional Analyses.

Cumulative Table of Well Data and Analytical Results

AUG. 25 99 (WED) 17:40
 BLAINE TECH SERVICES, INC
 TEL: 408 573 7771
 P. 007

Vertical Measurements are in feet.			Volumetric Measurements are in gallons.				Analytical results are in parts per billion (ppb)						
DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	SPH Thickness	SPH Removed	Total SPH Removed	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE
C-4 (CONT'D)													
03/12/98	36.49	19.90	16.59	--	--	--	*	46,000	11,000	1500	2300	5000	3400
06/23/98	36.49	19.47	17.02	--	--	--	DRC Installed	27,000	1600	160	180	690	100
09/01/98	36.49	15.04	21.45	--	--	--	--	520	14	2.3	<0.5	4.8	61
12/30/98	36.49	15.07	21.42	--	--	--	--	122	14.1	1.86	<1.0	3.61	349
03/31/99	36.49	21.29	15.20	--	--	--	*	20,300	4450	443	1000	2130	1320
06/14/99	36.49	14.69	21.80	--	--	--	--	1820	183	7.14	36.7	56.5	291
06/14/99	36.49	14.69	21.80	--	--	--	Confirmation run	--	--	--	--	--	280**

* See Table of Additional Analyses.
 ** Samples were analyzed past hold-time, the results should be considered as estimated.

Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet. Volumetric Measurements are in gallons. Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	SPH Thickness	SPH Removed	Total SPH Removed	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE
C-5													
08/27/90	35.50	5.67	29.83	--	--	--	--	<50	<0.3	<0.3	<0.3	<0.6	--
11/14/90	35.50	4.94	30.56	--	--	--	--	--	--	--	--	--	--
06/18/91	35.50	6.98	28.52	--	--	--	--	<50	<0.5	<0.5	>0.5	>0.5	--
09/19/91	35.50	5.99	29.51	--	--	--	--	<50	<0.5	<0.5	>0.5	>0.5	--
12/20/91	35.50	5.54	29.96	--	--	--	--	<50	<0.5	<0.5	>0.5	>0.5	--
03/18/92	35.50	9.58	25.92	--	--	--	--	<50	<0.5	<0.5	>0.5	>0.5	--
07/14/92	35.50	7.50	28.00	--	--	--	--	<50	<0.5	<0.5	>0.5	>0.5	--
10/08/92	35.50	6.85	28.65	--	--	--	--	<50	<0.5	<0.5	>0.5	>0.5	--
01/08/93	35.50	9.48	26.02	--	--	--	--	<50	<0.5	<0.5	>0.5	>0.5	--
04/14/93	35.50	11.46	24.04	--	--	--	--	<50	<0.5	<0.5	>0.5	>0.5	--
07/16/93	35.50	10.29	25.21	--	--	--	--	<50	<0.5	<0.5	>0.5	>0.5	--
09/21/93	38.50	12.14	26.36	--	--	--	--	60	10	8.1	1.8	9.4	--
01/28/94	38.50	12.80	25.90	--	--	--	--	<50	>0.5	<0.5	>0.5	>0.5	--
03/17/94	38.50	14.00	24.50	--	--	--	--	<50	>0.5	<0.5	>0.5	>0.5	--
06/16/94	38.50	14.10	24.40	--	--	--	--	<50	>0.5	<0.5	>0.5	>0.5	--
09/22/94	38.50	13.34	25.16	--	--	--	--	<50	>0.5	<0.5	>0.5	>0.5	--
12/15/94	38.50	15.61	22.89	--	--	--	--	<50	>0.5	<0.5	>0.5	>0.5	--
03/30/95	38.50	19.96	18.54	--	--	--	--	<50	>0.5	<0.5	>0.5	>0.5	--
06/20/95	38.50	18.37	20.13	--	--	--	--	<50	>0.5	<0.5	>0.5	>0.5	--
09/20/95	38.50	14.16	24.34	--	--	--	--	<50	>0.5	<0.5	>0.5	>0.5	--
12/06/95	38.50	14.40	24.10	--	--	--	--	<50	>0.5	<0.5	>0.5	>0.5	2.5
03/21/96	38.50	20.10	18.40	--	--	--	--	<50	>0.5	<0.5	>0.5	>0.5	2.5
06/21/96	38.50	18.23	20.27	--	--	--	--	<50	>0.5	<0.5	>0.5	>0.5	8.7
06/06/96	38.50	16.60	21.90	--	--	--	--	<50	>0.5	<0.5	>0.5	>0.5	2.5
12/19/96	38.50	17.35	21.15	--	--	--	--	<50	>0.5	<0.5	>0.5	>0.5	2.5
03/17/97	38.50	18.66	19.84	--	--	--	--	<50	>0.5	<0.5	>0.5	>0.5	2.5
06/11/97	38.50	16.90	21.60	--	--	--	--	<50	>0.5	<0.5	>0.5	>0.5	2.5
09/17/97	38.50	10.67	27.83	--	--	--	Sampled annually	--	--	--	--	--	2.5
12/11/97	38.50	17.50	21.00	--	--	--	--	--	--	--	--	--	2.5
03/12/98	38.50	22.08	16.42	--	--	--	--	<50	>0.5	<0.5	>0.5	>0.5	2.5
06/23/98	38.50	21.52	16.98	--	--	--	--	--	--	--	--	--	--
09/01/98	38.50	18.08	20.42	--	--	--	--	--	--	--	--	--	--
12/30/98	38.50	17.71	20.79	--	--	--	--	--	--	--	--	--	--
03/31/99	38.50	21.45	17.05	--	--	--	--	<50	>0.5	<0.5	>0.5	>0.5	15
06/14/99	38.50	21.02	17.48	--	--	--	--	--	--	--	--	--	--

* See Table of Additional Analyses.

Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Volumetric Measurements are in gallons.

Analytical results are in parts per billion (ppb)

DATE	Well	Ground	Depth	Volumetric Measurements			Notes	Analytical results					
	Head Elev.	Water Elev.	To Water	SPH Thickness	SPH Removed	Total SPH Removed		TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE
C-6													
08/27/90	32.40	-11.71	44.11	--	--	--	--	7200	2100	6.0	41	300	--
11/14/90	32.40	-11.63	44.03	--	--	--	--	--	--	--	--	--	--
06/18/91	32.40	-11.09	43.49	--	--	--	--	--	--	--	--	--	--
09/19/91	32.40	-1.92	34.32	--	--	--	--	4400	2500	18	160	77	--
12/20/91	32.40	-8.95	41.35	--	--	--	--	3100	1600	8.3	73	8.0	--
03/18/92	32.40	-8.29	40.69	--	--	--	--	4400	1300	3.2	74	10	--
07/14/92	32.40	-6.49	38.89	--	--	--	--	9800	3200	34	250	500	--
10/08/92	32.40	-6.27	38.67	--	--	--	--	6500	2200	100	96	240	--
01/08/93	32.40	-5.41	37.81	--	--	--	--	1800	1000	3.1	15	41	--
04/14/93	32.40	-2.30	34.70	--	--	--	--	5200	1600	6.8	63	120	--
07/16/93	32.40	-1.47	33.87	--	--	--	--	11,000	1800	13	110	200	--
09/21/93	35.40	1.42	33.98	--	--	--	--	4800	820	10	41	57	--
01/28/94	35.40	1.54	33.86	--	--	--	--	4100	1200	<50	75	130	--
03/17/94	35.40	3.09	32.31	--	--	--	--	3100	930	14	40	34	--
06/16/94	35.40	3.90	31.50	--	--	--	--	5100	950	18	61	83	--
09/22/94	35.40	4.18	31.22	--	--	--	--	3800	970	6.4	52	62	--
12/15/94	35.40	4.00	31.40	--	--	--	--	4100	980	7.8	43	48	--
03/30/95	35.40	9.02	26.38	--	--	--	--	5000	1400	<20	73	61	--
06/20/95	35.40	10.39	25.01	--	--	--	--	5500	1700	<13	120	97	--
09/20/95	35.40	11.35	24.05	--	--	--	--	1700	470	<10	29	16	--
12/06/95	35.40	7.28	28.12	--	--	--	--	3500	770	<5.0	45	17	--
03/21/96	35.40	12.28	23.12	--	--	--	--	3100	710	<10	41	20	50
06/21/96	35.40	11.90	23.50	--	--	--	--	1400	330	<2.5	15	8.1	19
09/06/96	35.40	10.57	24.83	--	--	--	--	2200	560	<5.0	18	>5.0	77
12/19/96	35.40	10.90	24.50	--	--	--	--	2800	720	<10	13	>10	160
03/17/97	35.40	12.81	22.59	--	--	--	--	830	320	<2.5	<2.5	<2.5	14
06/11/97	35.40	11.64	23.76	--	--	--	--	2200	500	<10	25	<10	50
09/17/97	35.40	10.66	24.74	--	--	--	--	2200	570	<5.0	29	10	220
12/11/97	35.40	10.75	24.65	--	--	--	--	1400	330	<5.0	<5.0	<5.0	76
03/12/98	35.40	8.28	27.12	--	--	--	--	1600	230	<5.0	7.3	6.4	48
06/23/98	35.40	7.48	27.92	--	--	--	--	980	300	<5.0	15	12	49
09/01/98	35.40	3.80	31.60	--	--	--	ORC installed	220	35	<0.5	2.5	1.1	<2.5
12/30/98	35.40	3.58	31.82	--	--	--	--	1800	370	2.8	19	4.8	44
								1600	244	<1.0	8.53	<1.0	54.9

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* See Table of Additional Analyses.

Cumulative Table of Well Data and Analytical Results

AUG. -25' 99 (MED) 17:40
 BLAINE TECH SERVICES, INC
 TEL: 408 573 7771
 P. 010.

Vertical Measurements are in feet.			Volumetric Measurements are in gallons.				Analytical results are in parts per billion (ppb)						
DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	SPH Thickness	SPH Removed	Total SPH Removed	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE
C-6 (CONT'D)													
03/31/99	35.40	9.34	26.06	-	-	-	•	741	92.2	<1.0	6.60	<1.0	27.9
06/14/99	35.40	5.72	29.68	-	-	-	-	434	110	<1.0	5.76	1.48	13
06/14/99	35.40	5.72	29.68	-	-	-	Confirmation run	-	-	-	-	-	6.96**

• See Table of Additional Analyses.
 ** Samples were analyzed past hold-time, the results should be considered as estimated.

Cumulative Table of Well Data and Analytical Results

AUG. 25, 99 (WED) 17:40
 BLAINE TECH SERVICES, INC
 TEL: 408 573 7771
 P. 011

Vertical Measurements are in feet.			Volumetric Measurements are in gallons.				Analytical results are in parts per billion (ppb)						
DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	SPH Thickness	SPH Removed	Total SPH Removed	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE
C-7													
08/27/90	32.17	-12.06	44.23	-	-	-	-	110	26	0.8	4.0	6.0	-
11/14/90	32.17	-11.94	44.11	-	-	-	-	-	-	-	-	-	-
06/18/91	32.17	-9.88	42.05	-	-	-	-	23,000	5700	420	1000	2800	-
09/19/91	32.17	-9.55	41.72	-	-	-	-	26,000	4600	330	970	2400	-
12/20/91	32.17	-9.50	41.67	-	-	-	-	33,000	5500	270	1000	2100	-
03/18/92	32.17	-9.03	41.20	-	-	-	-	27,000	5800	410	1300	3300	-
07/14/92	32.17	-7.60	39.77	-	-	-	-	46,000	12,000	720	1700	4600	-
10/08/92	32.17	-6.97	39.14	-	-	-	-	22,000	6800	370	1300	3200	-
01/08/93	32.17	-6.33	38.50	-	-	-	-	36,000	7600	540	1700	4200	-
04/14/93	32.17	-3.76	35.93	-	-	-	-	23,000	3100	450	670	1900	-
07/16/93	32.17	-3.21	35.38	-	-	-	-	19,000	3200	330	550	1800	-
09/21/93	35.19	-0.27	35.46	-	-	-	-	17,000	2700	160	410	760	-
01/28/94	35.19	-0.26	35.45	-	-	-	-	14,000	1800	210	390	1000	-
03/17/94	35.19	1.95	33.24	-	-	-	-	17,000	1600	210	410	1200	-
06/16/94	35.19	2.12	33.07	-	-	-	-	12,000	1600	180	410	1200	-
09/22/94	35.19	2.45	32.74	-	-	-	-	10,000	1700	110	320	580	-
12/15/94	35.19	3.27	31.92	-	-	-	-	10,000	1200	120	280	710	-
03/30/95	35.19	7.59	27.60	-	-	-	-	4600	460	73	160	460	-
06/20/95	35.19	7.32	27.87	-	-	-	-	26,000	4400	450	900	2400	-
09/20/95	35.19	7.11	28.08	-	-	-	-	9400	610	81	250	800	-
12/06/95	35.19	4.57	30.62	-	-	-	-	1200	110	12	25	71	34
03/21/96	35.19	7.34	27.85	-	-	-	-	17,000	1300	160	410	1300	<100
06/21/96	35.19	7.77	27.42	-	-	-	-	14,000	1300	210	500	1700	590
09/06/96	35.19	6.84	28.35	-	-	-	-	15,000	3400	<50	460	850	<250
12/19/96	35.19	6.08	29.11	-	-	-	-	530	8.6	0.5	0.85	3.4	<2.5
03/17/97	35.19	8.05	27.14	-	-	-	-	4600	310	46	110	310	98
06/11/97	35.19	7.14	28.05	-	-	-	-	420	15	<0.5	3.3	5.1	<2.5
08/17/97	35.19	6.19	29.00	-	-	-	*	1400	120	11	31	84	54
12/11/97	35.19	5.93	29.26	-	-	-	-	210	10	<0.5	0.97	1.6	<2.5
03/12/98	35.19	10.27	24.92	-	-	-	*	68	<0.5	<0.5	<0.5	<0.5	<2.5
06/23/98	35.19	9.89	25.30	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/01/98	35.19	8.92	26.27	-	-	-	-	570	24	1.4	8.4	22	24
12/30/98	35.19	8.67	26.52	-	-	-	-	<50	4.85	1.26	<0.5	1.29	167

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* See Table of Additional Analyses.

Cumulative Table of Well Data and Analytical Results

AUG - 25 '99 (WED) 17:41

BLAINE TECH SERVICES, INC

TEL: 408 573 7771

P. 012

Vertical Measurements are in feet.

Volumetric Measurements are in gallons.

Analytical results are in parts per billion (ppb)

DATE	Vertical Measurements are in feet.			Volumetric Measurements are in gallons.			Notes	Analytical results are in parts per billion (ppb)					
	Well Head Elev.	Ground Water Elev.	Depth To Water	SPH Thickness	SPH Removed	Total SPH Removed		TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE
C-7 (CONT'D)													
03/31/99	35.19	10.43	24.76	-	-	-	*	53.1	<0.5	<0.5	<0.5	<0.5	<2.0
06/14/99	35.19	9.75	25.44	-	-	-	-	109	4.43	<0.5	<0.5	<0.5	<2.5
06/14/99	35.19	9.75	25.44	-	-	-	Confirmation run	-	-	-	-	-	<2.0**

* See Table of Additional Analyses.

** Samples were analyzed past hold-time, the results should be considered as estimated.

Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.			Volumetric Measurements are in gallons.				Analytical results are in parts per billion (ppb)						
DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	SPH Thickness	SPH Removed	Total SPH Removed	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE
C-8													
11/14/90	30.68	-12.61	43.29	-	-	-	-	<50	<0.3	<0.3	<0.3	<0.6	-
06/18/91	30.68	-11.94	42.62	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-
09/19/91	30.68	-11.04	41.72	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-
12/20/91	30.68	-10.30	40.98	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-
03/18/92	30.68	-9.34	40.02	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-
07/14/92	30.68	-8.34	39.02	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-
10/08/92	30.68	-8.00	38.68	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-
01/08/93	30.68	-7.39	38.07	-	-	-	-	<50	<0.5	<0.5	<0.5	1.1	-
04/14/93	30.68	-5.31	35.99	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-
07/16/93	30.68	-4.64	35.32	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-
09/21/93	34.68	-0.62	35.30	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-
01/28/94	34.68	-0.93	35.61	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.8	-
03/17/94	34.68	0.31	34.37	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-
06/16/94	34.68	1.32	33.36	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-
09/22/94	34.68	1.86	32.82	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-
12/15/94	34.68	2.32	32.36	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-
03/30/95	34.68	5.44	29.24	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-
06/20/95	34.68	6.34	28.34	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-
09/20/95	34.68	5.20	29.48	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-
12/06/95	34.68	3.76	30.92	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-
03/21/96	34.68	6.03	28.65	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/21/96	34.68	6.78	27.90	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/06/96	34.68	5.98	28.70	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5
12/19/96	34.68	4.98	29.70	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/17/97	34.68	6.92	27.76	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/11/97	34.68	5.87	28.81	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/17/97	34.68	5.32	29.36	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5
12/11/97	34.68	4.88	29.80	-	-	-	-	-	-	-	-	-	-
03/12/98	34.68	8.95	25.73	-	-	-	-	-	-	-	-	-	-
06/23/98	34.68	8.38	26.30	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	2.6
09/01/98	34.68	8.17	26.51	-	-	-	-	-	-	-	-	-	-
12/30/98	34.68	7.79	26.89	-	-	-	-	-	-	-	-	-	-
03/31/99	34.68	8.32	26.36	-	-	-	-	-	-	-	-	-	-
06/14/99	34.68	8.65	26.03	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	11.8

* See Table of Additional Analyses.

Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Volumetric Measurements are in gallons.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Volumetric Measurements			Notes	Analytical Results (ppb)						
				SPH Thickness	SPH Removed	Total SPH Removed		TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE	
C-9														
08/13/96	-	-	28.27	-	-	-	-	ND	ND	ND	ND	ND	ND	ND
09/06/96	-	-	28.47	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
12/19/96	30.68	1.39	29.29	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
03/17/97	30.68	3.11	27.57	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
06/11/97	30.68	2.41	28.27	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
09/17/97	30.68	2.05	28.63	-	-	-	Sampled annually	-	-	-	-	-	-	-
12/11/97	30.68	1.25	29.43	-	-	-	-	-	-	-	-	-	-	-
03/12/98	30.68	5.06	25.62	-	-	-	-	-	-	-	-	-	-	-
06/23/98	30.68	4.53	26.15	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
09/01/98	30.68	4.30	26.38	-	-	-	-	-	-	-	-	-	-	-
12/30/98	30.68	3.93	26.75	-	-	-	-	-	-	-	-	-	-	-
03/31/99	30.68	5.35	25.33	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5	12.5
06/14/99	30.68	4.16	26.52	-	-	-	-	-	-	-	-	-	-	-

* See Table of Additional Analyses.

Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Volumetric Measurements are in gallons.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	SPH Thickness	SPH Removed	Total SPH Removed	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE
TRIP BLANK													
04/28/89	-	-	-	-	-	-	-	<500	<0.5	<0.5	<0.5	<0.5	-
08/08/89	-	-	-	-	-	-	-	<500	<0.5	<0.5	<0.5	<0.5	-
08/27/90	-	-	-	-	-	-	-	<50	<0.3	<0.3	<0.3	<0.6	-
11/14/90	-	-	-	-	-	-	-	<50	<0.3	<0.3	<0.3	<0.6	-
06/18/91	-	-	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-
09/19/91	-	-	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-
12/20/91	-	-	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-
03/18/92	-	-	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-
07/14/92	-	-	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-
10/08/92	-	-	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-
01/08/93	-	-	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-
04/14/93	-	-	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-
07/16/93	-	-	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-
09/21/93	-	-	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-
01/28/94	-	-	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.8	-
03/17/94	-	-	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-
06/16/94	-	-	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-
09/22/94	-	-	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-
12/15/94	-	-	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-
03/30/95	-	-	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-
06/20/95	-	-	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-
09/20/95	-	-	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-
12/06/95	-	-	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-
03/21/96	-	-	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-
06/21/96	-	-	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	0.5
09/06/96	-	-	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	0.5
12/19/96	-	-	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	0.5
03/17/97	-	-	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	0.5
06/11/97	-	-	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	0.5
09/17/97	-	-	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	0.5
2/11/97	-	-	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	0.5
03/12/98	-	-	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	0.5
06/23/98	-	-	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	0.5
09/01/98	-	-	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	0.5
2/30/98	-	-	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	0.5
03/31/99	-	-	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	0.5
06/14/99	-	-	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	0.5



Sequoia Analytical

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

July 19, 1999

Ann Pember
Blaine Tech Services (Shell)
1680 Rogers Avenue
San Jose, CA 95112

RE: Equiva 4411 Foothill Blvd. Oakland/M906241

Dear Ann Pember

Enclosed are the results of analyses for sample(s) received by the laboratory on June 16, 1999. 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





Blaine Tech Services (Shell) 1680 Rogers Avenue San Jose, CA 95112	Project: Equiva Project Number: 4411 Foothill Blvd. Oakland Project Manager: Ann Pember	Sampled: 6/14/99 Received: 6/16/99 Reported: 7/19/99
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ANALYTICAL REPORT FOR M906241

Sample Description	Laboratory Sample Number	Sample Matrix	Date Sampled
S-1	M906241-01	Water	6/14/99
S-2	M906241-02	Water	6/14/99
S-3	M906241-03	Water	6/14/99





Blaine Tech Services (Shell) 1680 Rogers Avenue San Jose, CA 95112	Project: Equiva Project Number: 4411 Foothill Blvd. Oakland Project Manager: Ann Pember	Sampled: 6/14/99 Received: 6/16/99 Reported: 7/19/99
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**Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT
Sequoia Analytical - Morgan Hill**

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
				<u>M906241-01</u>			<u>Water</u>	
Purgeable Hydrocarbons	9060414	6/28/99	6/28/99		2500	20200	ug/l	1
Benzene	"	"	"		25.0	135	"	
Toluene	"	"	"		25.0	407	"	
Ethylbenzene	"	"	"		25.0	825	"	
Xylenes (total)	"	"	"		25.0	5000	"	
Methyl tert-butyl ether	"	"	"		125	705	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	"	"	"	70.0-130		86.7	%	
				<u>M906241-02</u>			<u>Water</u>	
Purgeable Hydrocarbons	9060244	6/22/99	6/22/99		1000	ND	ug/l	
Benzene	"	"	"		10.0	175	"	
Toluene	"	"	"		10.0	ND	"	
Ethylbenzene	"	"	"		10.0	ND	"	
Xylenes (total)	"	"	"		10.0	11.1	"	
Methyl tert-butyl ether	"	"	6/28/99		1250	67500	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	"	"	6/22/99	70.0-130		80.0	%	
				<u>M906241-03</u>			<u>Water</u>	
Purgeable Hydrocarbons	9060244	6/22/99	6/22/99		1000	1250	ug/l	1
Benzene	"	"	"		10.0	37.4	"	
Toluene	"	"	"		10.0	17.4	"	
Ethylbenzene	"	"	"		10.0	110	"	
Xylenes (total)	"	"	"		10.0	109	"	
Methyl tert-butyl ether	"	"	"		50.0	118	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	"	"	"	70.0-130		83.9	%	





Blaine Tech Services (Shell) 1680 Rogers Avenue San Jose, CA 95112	Project: Equiva Project Number: 4411 Foothill Blvd. Oakland Project Manager: Ann Pember	Sampled: 6/14/99 Received: 6/16/99 Reported: 7/19/99
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**Diesel Hydrocarbons (C9-C24) by DHS LUFT
Sequoia Analytical - Morgan Hill**

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
S-1				<u>M906241-01</u>			<u>Water</u>	
Diesel Range Hydrocarbons	9060365	6/24/99	6/28/99		0.100	4.28	mg/l	2
Motor Oil	"	"	"		0.500	N.D.	"	
Surrogate: n-Pentacosane	"	"	"	50.0-150		107	%	





Blaine Tech Services (Shell) 1680 Rogers Avenue San Jose, CA 95112	Project: Equiva Project Number: 4411 Foothill Blvd. Oakland Project Manager: Ann Pember	Sampled: 6/14/99 Received: 6/16/99 Reported: 7/19/99
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**Total Metals by EPA 6000/7000 Series Methods
Sequoia Analytical - Morgan Hill**

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
<u>S-1</u> Ferrous Iron	9070589	7/18/99	7/18/99	<u>M906241-01</u> EPA 6010A	0.0100	1.30	<u>Water</u> mg/l	
<u>S-2</u> Ferrous Iron	9070327	7/9/99	7/12/99	<u>M906241-02</u> EPA 6010A	0.0100	1.40	<u>Water</u> mg/l	
<u>S-3</u> Ferrous Iron	9070327	7/9/99	7/12/99	<u>M906241-03</u> EPA 6010A	0.0100	4.10	<u>Water</u> mg/l	





Blaine Tech Services (Shell) 1680 Rogers Avenue San Jose, CA 95112	Project: Equiva Project Number: 4411 Foothill Blvd. Oakland Project Manager: Ann Pember	Sampled: 6/14/99 Received: 6/16/99 Reported: 7/19/99
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**Anions by EPA Method 300.0
Sequoia Analytical - Morgan Hill**

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
<u>S-1</u>								
Nitrate as NO3	9060184	6/16/99	6/16/99	EPA 300.0	1.00	ND	mg/l	<u>Water</u>
Sulfate as SO4	"	"	"	EPA 300.0	1.00	5.70	"	
<u>S-2</u>								
Nitrate as NO3	9060184	6/16/99	6/16/99	EPA 300.0	1.00	ND	mg/l	<u>Water</u>
Sulfate as SO4	"	"	"	EPA 300.0	1.00	5.20	"	
<u>S-3</u>								
Nitrate as NO3	9060184	6/16/99	6/16/99	EPA 300.0	1.00	ND	mg/l	<u>Water</u>
Sulfate as SO4	"	"	"	EPA 300.0	1.00	15.0	"	





Blaine Tech Services (Shell) 1680 Rogers Avenue San Jose, CA 95112	Project: Equiva Project Number: 4411 Foothill Blvd. Oakland Project Manager: Ann Pember	Sampled: 6/14/99 Received: 6/16/99 Reported: 7/19/99
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Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT/Quality Control
Sequoia Analytical - Morgan Hill

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Batch: 9060244			Date Prepared: 6/22/99			Extraction Method: EPA 5030B [P/T]				
Blank			9060244-BLK1							
Purgeable Hydrocarbons	6/22/99			ND	ug/l	50.0				
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	"	10.0		9.25	"	70.0-130	92.5			
LCS			9060244-BS1							
Purgeable Hydrocarbons	6/22/99	250		203	ug/l	70.0-130	81.2			
Surrogate: a,a,a-Trifluorotoluene	"	10.0		13.4	"	70.0-130	134			3
Matrix Spike			9060244-MS1 M906206-05							
Purgeable Hydrocarbons	6/22/99	250	ND	176	ug/l	60.0-140	70.4			
Surrogate: a,a,a-Trifluorotoluene	"	10.0		12.8	"	70.0-130	128			
Matrix Spike Dup			9060244-MSD1 M906206-05							
Purgeable Hydrocarbons	6/22/99	250	ND	141	ug/l	60.0-140	56.4	25.0	22.1	4
Surrogate: a,a,a-Trifluorotoluene	"	10.0		10.8	"	70.0-130	108			
Batch: 9060414			Date Prepared: 6/28/99			Extraction Method: EPA 5030B [P/T]				
Blank			9060414-BLK1							
Purgeable Hydrocarbons	6/28/99			ND	ug/l	50.0				
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	"	10.0		9.45	"	70.0-130	94.5			
LCS			9060414-BS1							
Purgeable Hydrocarbons	6/28/99	250		205	ug/l	70.0-130	82.0			
Surrogate: a,a,a-Trifluorotoluene	"	10.0		12.8	"	70.0-130	128			
Matrix Spike			9060414-MS1 M906180-03							
Purgeable Hydrocarbons	6/28/99	250	ND	251	ug/l	60.0-140	100			
Surrogate: a,a,a-Trifluorotoluene	"	10.0		11.3	"	70.0-130	113			
Matrix Spike Dup			9060414-MSD1 M906180-03							
Purgeable Hydrocarbons	6/28/99	250	ND	232	ug/l	60.0-140	92.8	25.0	7.47	





Blaine Tech Services (Shell) 1680 Rogers Avenue San Jose, CA 95112	Project: Equiva Project Number: 4411 Foothill Blvd. Oakland Project Manager: Ann Pember	Sampled: 6/14/99 Received: 6/16/99 Reported: 7/19/99
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**Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT/Quality Control
Sequoia Analytical - Morgan Hill**

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Matrix Spike Dup (continued)	9060414-MSD1	M906180-03								
<i>Surrogate: a,a,a-Trifluorotoluene</i>	6/28/99	10.0		8.97	ug/l	70.0-130	89.7			





Blaine Tech Services (Shell) 1680 Rogers Avenue San Jose, CA 95112	Project: Equiva Project Number: 4411 Foothill Blvd. Oakland Project Manager: Ann Pember	Sampled: 6/14/99 Received: 6/16/99 Reported: 7/19/99
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Diesel Hydrocarbons (C9-C24) by DHS LUFT/Quality Control
Sequoia Analytical - Morgan Hill

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Batch: 9060319		Date Prepared: 6/23/99		Extraction Method: EPA 3510B						
Blank		9060319-BLK1								
Diesel Range Hydrocarbons	6/26/99			ND	mg/l	0.0500				
Surrogate: n-Pentacosane	"	0.100		0.0970	"	50.0-150	97.0			
LCS		9060319-BS1								
Diesel Range Hydrocarbons	6/26/99	1.00		0.790	mg/l	60.0-140	79.0			
Surrogate: n-Pentacosane	"	0.100		0.0950	"	50.0-150	95.0			
LCS Dup		9060319-BSD1								
Diesel Range Hydrocarbons	6/26/99	1.00		0.800	mg/l	60.0-140	80.0	50.0	1.26	
Surrogate: n-Pentacosane	"	0.100		0.0940	"	50.0-150	94.0			
Batch: 9060365		Date Prepared: 6/24/99		Extraction Method: EPA 3510B						
Blank		9060365-BLK1								
Diesel Range Hydrocarbons	6/25/99			ND	mg/l	0.0500				
Surrogate: n-Pentacosane	"	0.100		0.0890	"	50.0-150	89.0			
LCS		9060365-BS1								
Diesel Range Hydrocarbons	6/25/99	1.00		0.910	mg/l	60.0-140	91.0			
Surrogate: n-Pentacosane	"	0.100		0.0990	"	50.0-150	99.0			
LCS Dup		9060365-BSD1								
Diesel Range Hydrocarbons	6/25/99	1.00		0.900	mg/l	60.0-140	90.0	50.0	1.10	
Surrogate: n-Pentacosane	"	0.100		0.100	"	50.0-150	100			





Blaine Tech Services (Shell) 1680 Rogers Avenue San Jose, CA 95112	Project: Equiva Project Number: 4411 Foothill Blvd. Oakland Project Manager: Ann Pember	Sampled: 6/14/99 Received: 6/16/99 Reported: 7/19/99
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**Total Metals by EPA 6000/7000 Series Methods/Quality Control
Sequoia Analytical - Morgan Hill**

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Batch: 9070327		Date Prepared: 7/9/99			Extraction Method: EPA 3020A					
Blank										
Ferrous Iron	7/12/99			ND	mg/l	0.0100				
LCS										
Ferrous Iron	7/12/99			0.960	mg/l	80.0-120				
Matrix Spike										
Ferrous Iron	7/12/99		M906274-01 44.0	4.00	mg/l	80.0-120				
Matrix Spike Dup										
Ferrous Iron	7/12/99		M906274-01 44.0	3.00	mg/l	80.0-120		20.0		
Batch: 9070589		Date Prepared: 7/18/99			Extraction Method: EPA 3010A					
Blank										
Ferrous Iron	7/18/99			ND	mg/l	0.0100				
LCS										
Ferrous Iron	7/18/99			1.00	mg/l	80.0-120				
Matrix Spike										
Ferrous Iron	7/18/99		M907586-09 0.0870	1.10	mg/l	80.0-120				
Matrix Spike Dup										
Ferrous Iron	7/18/99		M907586-09 0.0870	1.10	mg/l	80.0-120		20.0		





Blaine Tech Services (Shell) 1680 Rogers Avenue San Jose, CA 95112	Project: Equiva Project Number: 4411 Foothill Blvd. Oakland Project Manager: Ann Pember	Sampled: 6/14/99 Received: 6/16/99 Reported: 7/19/99
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**Anions by EPA Method 300.0/Quality Control
Sequoia Analytical - Morgan Hill**

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Batch: 9060184		Date Prepared: 6/16/99			Extraction Method: General Preparation					
Blank										
Nitrate as NO3	6/16/99			ND	mg/l	1.00				
Sulfate as SO4	"			ND	"	1.00				
LCS										
Nitrate as NO3	6/16/99	100		94.0	mg/l	80.0-120	94.0			
Sulfate as SO4	"	100		93.0	"	80.0-120	93.0			
Matrix Spike										
Nitrate as NO3	6/16/99	100	ND	94.0	mg/l	75.0-125	94.0			
Sulfate as SO4	"	100	1.24	95.0	"	75.0-125	93.8			
Matrix Spike Dup										
Nitrate as NO3	6/16/99	100	ND	94.0	mg/l	75.0-125	94.0	20.0	0	
Sulfate as SO4	"	100	1.24	95.0	"	75.0-125	93.8	20.0	0	





Blaine Tech Services (Shell) 1680 Rogers Avenue San Jose, CA 95112	Project: Equiva Project Number: 4411 Foothill Blvd. Oakland Project Manager: Ann Pember	Sampled: 6/14/99 Received: 6/16/99 Reported: 7/19/99
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Notes and Definitions

#	Note
1	Chromatogram Pattern: Gasoline C6-C12
2	Chromatogram Pattern: Unidentified Hydrocarbons C9-C24
3	The surrogate recovery for this sample is outside of established control limits.
4	The spike recovery for this QC sample is outside of established control limits.
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			
TPH - gas, BTEX	MTBE by 8020	MTBE by 8260	TPH - diesel
C = COMPOSITE ALL CONTAINERS			
TPH - gas, BTEX MTBE by 8020 MTBE by 8260 TPH - diesel <i>Organic by 8020 Motor Oil</i> <i>Asph. by 8020 From Iron</i> Nitrate Sulfate			

LAB Sequon DHS # _____

ALL ANALYSES MUST MEET SPECIFICATIONS AND DETECTION LIMITS SET BY CALIFORNIA DHS AND

EPA RWQCB REGION _____

LIA

OTHER

CHAIN OF CUSTODY
9906142-2

CLIENT
 Equiva - Karen Petryna

SITE
 4411 Foothill Blvd.

Oakland, CA

M906241

SAMPLE I.D.	S - SOIL W - H ₂ O	MATRIX CONTAINERS	
		TOTAL	

SAMPLE I.D.	S - SOIL W - H ₂ O	TOTAL	TPH - gas, BTEX	MTBE by 8020	MTBE by 8260	TPH - diesel	<i>Organic by 8020 Motor Oil</i>	<i>Asph. by 8020 From Iron</i>	Nitrate	Sulfate
S-1	W	8	X	X		X	X		X	X
S-2		6	X	X				X	X	X
S-3		6	X	X				X	X	X

SPECIAL INSTRUCTIONS

Send invoice to Equiva

Incident # 98995746

Send report to Blaine Tech Services

Attn: Ann Pember

ADD'L INFORMATION	STATUS	CONDITION	LAB SAMPLE #

SAMPLING COMPLETED DATE 6/14 TIME _____ SAMPLING PERFORMED BY S. W. Rosa RESULTS NEEDED NO LATER THAN _____

RELEASED BY [Signature] DATE 6/15/99 TIME 2:54 RECEIVED BY [Signature] DATE 6-15-99 TIME 1457

RELEASED BY [Signature] DATE _____ TIME _____ RECEIVED BY [Signature] DATE 6/16/99 TIME 1300

RELEASED BY _____ DATE _____ TIME _____ RECEIVED BY _____ DATE _____ TIME _____

SHIPPED VIA _____ DATE SENT _____ TIME SENT _____ COOLER # _____

BLAINE

TECH SERVICES INC.

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

CHAIN OF CUSTODY
990614R-2

CLIENT
Equiva - Karen Petryna

SITE
4411 Foothill Blvd.
Oakland, CA

CONDUCT ANALYSIS TO DETECT

C = COMPOSITE ALL CONTAINERS

TPH - gas, BTEX	MTBE by 8020	MTBE by 8260	TPH - diesel	TPH - diesel	TPH - diesel	TPH - diesel	TPH - diesel	TPH - diesel	TPH - diesel
X	X		X	X	X	X	X	X	X
X	X							X	X
X	X							X	X

MOTOR OIL
LEAKED BY 8020 FERRIS
IRON
MOTOR OIL
Sulfate

LAB Sequoia DHS # _____

ALL ANALYSES MUST MEET SPECIFICATIONS AND DETECTION LIMITS SET BY CALIFORNIA DHS AND

EPA RWQCB REGION _____

LIA

OTHER

SPECIAL INSTRUCTIONS

Send invoice to Equiva

Incident # 98995746

Send report to Blaine Tech Services

Attn: Ann Pember

SAMPLE I.D.	MATRIX S = SOIL W = H2O	TOTAL	CONTAINERS	ADD'L INFORMATION	STATUS	CONDITION	LAB SAMPLE #
S-1	6/14 12:36 W	8					
S-2	11:51	6		Revised COC			
S-3	12:12	6		6/18/99 (AP)			
				"Confirm MTBE by EPA 8260"			

SAMPLING COMPLETED DATE 6/14 TIME _____

RELEASED BY [Signature] DATE 6/15/99 TIME 2:54

RECEIVED BY [Signature] DATE 6-15-99 TIME 1457

RESULTS NEEDED NO LATER THAN _____

SHIPPED VIA _____ DATE SENT _____ TIME SENT _____ COOLER # _____

EQUIVA WELL MONITORING DATA SHEET

Project #: <u>990614R-2</u>	Job # <u>204-5508-3400</u>
Sampler: <u>SR</u>	Date: <u>6-14-99</u>
Well I.D.: <u>S-1</u>	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: <u>24.76</u>	Depth to Water: <u>7.94</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> 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 Sampling Method: Bailer
Middleburg Extraction Port
Electric Submersible Other: _____
Extraction Pump

Other: _____

<u>60.9</u>	x	<u>3</u>	=	<u>32.7</u> Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
12:22	69.2	6.6	707	20.2	11	odor
12:24	70.2	6.7	653	18.3	22	
12:26	70.4	6.7	599	19.7	33	

Did well dewater? Yes No Gallons actually evacuated: 33

Sampling Time: 12:36 Sampling Date: 6-14-99

Sample I.D.: S-1 Laboratory: Sequoia BC Other _____

Analyzed for: TPH-G BTEX MTBE TPH-D Other: Nitrate, Sulfate, Ferrrous Iron, Motor Oil

D.O. (if req'd):	Pre-purge:	<u>1.4</u> mg/L	Post-purge:	<u>2.1</u> mg/L
O.R.P. (if req'd):	Pre-purge:	<u>-72</u> mV	Post-purge:	<u>-24</u> mV

EQUIVA WELL MONITORING DATA SHEET

Project #: <u>990614R-2</u>	Job # <u>204-5508-3400</u>
Sampler: <u>JR</u>	Date: <u>6-14-99</u>
Well I.D.: <u>S-2</u>	Well Diameter: 2 3 <u>(4)</u> 6 8 <u> </u>
Total Well Depth: <u>22.00</u>	Depth to Water: <u>9.80</u>
Depth to Free Product: <u> </u>	Thickness of Free Product (feet): <u> </u>
Referenced to: <u>(PVC)</u> 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 Sampling Method: Bailer
Middleburg Extraction Port
Electric Submersible Other:
 Extraction Pump

Other:

<u>8.1</u>	x	<u>3</u>	=	<u>24.3</u>	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
<u>11:47</u>	<u>72.3</u>	<u>6.6</u>	<u>1321</u>	<u>50.1</u>	<u>8.5</u>	<u>mild</u>
<u>11:49</u>	<u>73.6</u>	<u>6.6</u>	<u>1304</u>	<u>47.3</u>	<u>17</u>	<u>odor</u>
<u>11:51</u>	<u>73.0</u>	<u>6.7</u>	<u>1289</u>	<u>73.9</u>	<u>25</u>	<u>/</u>

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

Sampling Time: 11:51 Sampling Date: 6-14-99

Sample I.D.: S-2 Laboratory: Sequoia BC Other

Analyzed for: (TPH-G BTEX MTBE) TPH-D Other: Nitrate, Sulfate, Ferrrous Iron

D.O. (if req'd):	Pre-purge:	<u>2.4</u> mg/L	Post-purge:	<u>2.1</u> mg/L
O.R.P. (if req'd):	Pre-purge:	<u>-121</u> mV	Post-purge:	<u>-113</u> mV

EQUIVA WELL MONITORING DATA SHEET

Project #: <u>990614R-2</u>	Job #: <u>204-5508-3400</u>
Sampler: <u>JK</u>	Date: <u>6-14-99</u>
Well I.D.: <u>S-3</u>	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: <u>20.45</u>	Depth to Water: <u>8.85</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> 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 Electric Submersible Extraction Pump

Sampling Method: Bailer Extraction Port

Other: _____

<u>7.5</u>	X	<u>3</u>	=	<u>22.5</u> Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
12:03	69.2	6.7	589	20.1	7.5	milky odor
12:05	70.8	6.7	651	22.8	15	/
12:07	70.7	6.7	665	21.4	23	/

Did well dewater? Yes No Gallons actually evacuated: 23

Sampling Time: 12:12 Sampling Date: 6-14-99

Sample I.D.: S-3 Laboratory: Sequoia BC Other _____

Analyzed for: TPH-G BTEX MTBE TPH-D Other: Nitrate, Sulfate, Ferrous Iron

D.O. (if req'd):	Pre-purge: <u>1.6</u> mg/L	Post-purge: <u>1.2</u> mg/L
O.R.P. (if req'd):	Pre-purge: <u>67.68</u> mV	Post-purge: <u>-108</u> mV

INJECTION
TYPING