CAMBRIA

March 28, 2000

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

Re: **First Quarter 2000 Monitoring Report**
Shell-branded Service Station
350 Grand Avenue
Oakland, California
Incident #98995755
Cambria Project #242-0715-002

Dear Mr. Seery:

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

FIRST QUARTER 2000 ACTIVITIES

Groundwater Monitoring: Blaine Tech Services, Inc. (Blaine) of San Jose, California gauged and sampled the site wells. Blaine calculated groundwater elevations and compiled the analytical data. Cambria prepared a groundwater elevation contour map (Figure 1). The Blaine report, presenting the laboratory report and supporting field documents, is included as Attachment A.

ANTICIPATED FUTURE ACTIVITIES

Groundwater Monitoring: The next sampling event is scheduled for the third quarter of 2000. At that time, Blaine will gauge and sample all wells and tabulate the data. Cambria will prepare a monitoring report.

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

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

REGISTERED GEOLOGIST
AILSA S. LE MAY
NO. 6717
STATE OF CALIFORNIA

Figure: 1 - Groundwater Elevation Contour Map
Attachment: A - Blaine Groundwater Monitoring Report and Field Notes

cc: Karen Petryna, Equiva Services LLC, P.O. Box 7869, Burbank, California 91501-7869
Major Brand Gas, Inc., PO Box 2099, Houston, TX 77252

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ATTACHMENT A

Blaine Groundwater Monitoring Report
and Field Notes

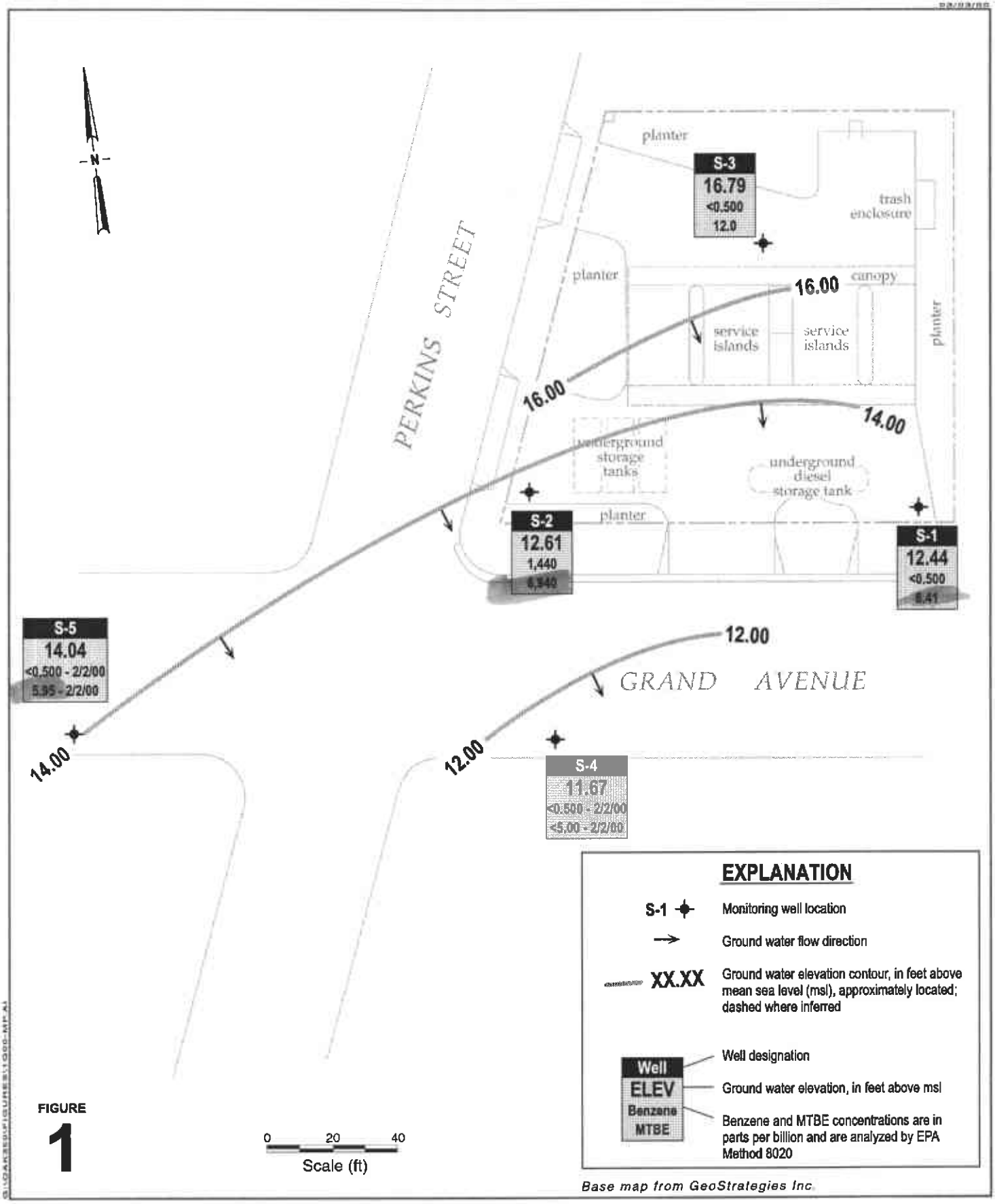

FIGURE
1

Base map from GeoStrategies Inc

Shell-branded Service Station
350 Grand Avenue
Oakland, California
Incident #98995755

CAMBRIA

Ground Water Elevation Contour Map
January 24, 2000

BLAINE
TECH SERVICES INC.

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

March 1, 2000

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

First Quarter 2000 Groundwater Monitoring at
Shell-branded Service Station
350 Grand Avenue
Oakland, CA

Monitoring performed on January 24 and
February 2, 2000

Groundwater Monitoring Report **000124-U-1**

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

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

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

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

Please call if you have any questions.

Yours truly,

Deidre Kerwin
Operations Manager

DK/pb

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 CONENTRATIONS
Shell-branded Service Station
350 Grand Avenue
Oakland, CA
Wic #204-5510-0204

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOB (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
S-1	01/23/1991	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	20.84	9.73	11.11	NA
S-1	04/25/1991	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	20.84	7.37	13.47	NA
S-1	07/19/1991	<50	<50	6.8	<0.5	<0.5	<0.5	NA	NA	20.84	8.92	11.92	NA
S-1	10/09/1991	120	260d	10	<0.5	<0.5	<0.5	NA	NA	20.84	9.62	11.22	NA
S-1	01/23/1992	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	20.84	8.94	11.90	NA
S-1	04/27/1992	<50	70b	1.2	<0.5	<0.5	<0.5	NA	NA	20.84	7.06	13.78	NA
S-1	07/10/1992	<50	930	13	<0.5	<0.5	<0.5	NA	NA	20.84	8.31	12.53	NA
S-1	10/06/1992	62	110	<0.5	<0.5	<0.5	<0.5	NA	NA	20.84	9.55	11.29	NA
S-1	01/06/1993	85	81	1.1	<0.5	<0.5	<0.5	NA	NA	20.84	9.86	10.98	NA
S-1	04/26/1993	<50	53c	<0.5	<0.5	<0.5	<0.5	NA	NA	20.84	6.30	14.54	NA
S-1 (D)	04/26/1993	<50	53c	<0.5	<0.5	<0.5	<0.5	NA	NA	20.84	6.30	14.54	NA
S-1	07/20/1993	<50	140	<0.5	<0.5	<0.5	<0.5	NA	NA	20.84	8.78	12.06	NA
S-1	10/18/1993	<50	210	<0.5	<0.5	<0.5	<0.5	NA	NA	20.84	9.20	11.64	NA
S-1	01/07/1994	<50	<50	1.4	1.5	0.55	2.8	NA	NA	20.84	9.53	11.31	NA
S-1 (D)	01/07/1994	<50	53	1.2	1.5	<0.5	2.7	NA	NA	20.84	9.53	11.31	NA
S-1	04/11/1994	<50	320	2.8	<0.5	<0.5	<0.5	NA	NA	20.84	8.50	12.34	NA
S-1 (D)	04/11/1994	<50	220	2.6	<0.5	<0.5	<0.5	NA	NA	20.84	8.50	12.34	NA
S-1	07/14/1994	NA	NA	NA	NA	NA	NA	NA	NA	20.84	8.45	12.39	NA
S-1	07/19/1994	<50	110	<0.5	<0.5	<0.5	<0.5	NA	NA	20.84	9.07	11.77	NA
S-1	10/06/1994	110	370	1.4	<0.5	<0.5	<0.5	NA	NA	20.84	11.68	9.16	NA
S-1	01/04/1995	120	1,000	2.5	<0.5	1.5	1.7	NA	NA	20.84	8.51	12.33	NA
S-1	04/12/1995	<50	290	2.1	<0.5	<0.5	<0.5	NA	NA	20.84	6.66	14.18	NA
S-1 (D)	04/12/1995	<50	480	<0.5	<0.5	<0.5	<0.5	NA	NA	20.84	6.66	14.18	NA
S-1	07/07/1995	<50	370	5.5	<0.5	<0.5	<0.5	NA	NA	20.84	6.95	13.89	NA
S-1 (D)	07/07/1995	<50	450	6.5	<0.5	<0.5	<0.5	NA	NA	20.84	6.95	13.89	NA
S-1	10/05/1995	<50	200	3.9	1.2	<0.5	2.4	NA	NA	20.84	8.50	12.34	NA

WELL CONENTRATIONS
Shell-branded Service Station
350 Grand Avenue
Oakland, CA
Wic #204-5510-0204

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOB (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
S-1	01/12/1996	230	1,500	2.5	<0.5	0.9	0.6	NA	NA	20.84	8.02	12.82	NA
S-1	04/02/1996	95	2,000	0.91	<0.5	<0.5	<0.5	140	NA	20.84	4.98	15.86	NA
S-1	07/30/1996	<50	510	<0.5	<0.5	<0.5	<0.5	67	NA	20.84	6.40	14.44	NA
S-1 (D)	07/30/1996	<50	380	<0.5	<0.5	<0.5	<0.5	68	NA	20.84	6.40	14.44	NA
S-1	10/02/1996	<50	250	<0.5	<0.5	<0.5	<0.5	96	NA	20.84	7.53	13.31	NA
S-1	09/19/1997	<50	120	<0.50	<0.50	<0.50	<0.50	37	NA	20.84	8.54	12.30	0.8
S-1	01/08/1998	<50	210	<0.50	<0.50	<0.50	<0.50	74	NA	20.84	9.09	11.75	2.6
S-1	07/17/1998	<50	99	<0.50	<0.50	<0.50	<0.50	25	NA	20.86	6.48	14.38	2.6
S-1	01/28/1999	92.7	212	4.5	1.83	1.59	12.1	2.17	NA	20.86	10.46	10.40	2.2
S-1	07/23/1999	537	<50	81.1	91.3	24.8	81.6	47.9	NA	20.86	10.02	10.84	2.1
S-1	01/24/2000	<50.0	79.6	<0.500	<0.500	<0.500	<0.500	8.41	NA	20.86	8.42	12.44	2.2
S-2	01/23/1991	2,500	1,200	550	15	33	42	NA	NA	21.24	10.55	10.69	NA
S-2	04/25/1991	32,000	20,000b	2,900	480	1,400	2,300	NA	NA	21.24	8.24	13.00	NA
S-2	07/19/1991	21,000	30,000b	4,700	430	1,200	2,400	NA	NA	21.24	9.55	11.69	NA
S-2	10/09/1991	29,000	32,000b	6,300	510	1,700	2,400	NA	NA	21.24	10.26	10.98	NA
S-2	01/23/1992	31,000	36,000b	5,800	480	2,000	2,700	NA	NA	21.24	9.51	11.73	NA
S-2	04/27/1992	21,000d	12,000b	4,800	320	1,600	1,400	NA	NA	21.24	7.83	13.41	NA
S-2	07/10/1992	31,000	3,700e	7,500	940	3,400	3,500	NA	NA	21.24	8.57	12.67	NA
S-2	10/06/1992	57,000	4,500e	9,300	1,200	4,000	4,900	NA	NA	21.24	9.49	11.75	NA
S-2	01/06/1993	55,000	5,600	5,600	360	3,000	3,000	NA	NA	21.24	8.56	12.68	NA
S-2	04/26/1993	32,000	9,400e	10,000	500	4,400	3,600	NA	NA	21.24	6.84	14.40	NA
S-2	07/20/1993	25,000	8,400e	5,800	300	2,700	1,400	NA	NA	21.24	8.52	12.72	NA
S-2 (D)	07/20/1993	25,000	8,900e	5,900	310	2,800	1,400	NA	NA	21.24	8.52	12.72	NA
S-2	10/18/1993	23,000	18,000e	3,700	200	2,100	1,600	NA	NA	21.24	9.36	11.88	NA
S-2 (D)	10/18/1993	28,000	14,000e	3,700	210	2,100	1,600	NA	NA	21.24	9.36	11.88	NA

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S-2	01/07/1994	120,000	22,000e	6,900	400	3,100	2,600	NA	NA	21.24	8.37	12.87	NA
S-2	04/11/1994	34,000	17,000e	4,800	170	1,900	880	NA	NA	21.24	6.96	14.28	NA
S-2	07/14/1994	NA	NA	NA	NA	NA	NA	NA	NA	21.24	7.49	13.75	NA
S-2	07/19/1994	23,000	NA	4,300	210	1,100	1,000	NA	NA	21.24	8.02	13.22	NA
S-2 (D)	07/19/1994	29,000	NA	4,700	270	1,200	1,200	NA	NA	21.24	8.02	13.22	NA
S-2	10/06/1994	61,000	NA	4,600	290	1,900	1,900	NA	NA	21.24	11.00	10.24	NA
S-2 (D)	10/06/1994	52,000	NA	5,200	270	2,100	1,900	NA	NA	21.24	11.00	10.24	NA
S-2	01/04/1994	23,000	NA	4,500	49	1,300	500	NA	NA	21.24	8.07	13.17	NA
S-2 (D)	01/04/1995	18,000	NA	3,800	33	1,100	390	NA	NA	21.24	8.07	13.17	NA
S-2	04/12/1995	29,000	NA	4,300	210	990	700	NA	NA	21.24	6.12	15.12	NA
S-2	07/07/1995	26,000	NA	4,200	180	1,100	730	NA	NA	21.24	6.35	14.89	NA
S-2	10/05/19	,000	10,000	3,500	150	1,100	640	NA	NA	21.24	7.36	13.88	NA
S-2 (D)	10/05/199	3,000	9,400	4,200	210	1,500	850	NA	NA	21.24	7.36	13.88	NA
S-2	01/12/1996	36,000	13,000	4,100	240	1,400	790	NA	NA	21.24	7.64	13.60	NA
S-2 (D)	01/12/1996	40,000	11,000	4,100	260	1,400	860	NA	NA	21.24	7.64	13.60	NA
S-2	04/02/1996	12,000	7,300	1,300	120	460	150	4,000	NA	21.24	6.18	15.06	NA
S-2 (D)	04/02/1996	17,000	5,800	1,800	29	590	140	7,600	NA	21.24	6.18	15.06	NA
S-2	07/30/1996	18,000	13,000	3,000	100	1,200	420	17,000	[redacted]	21.24	7.22	14.02	NA
S-2	10/02/1996	28,000	18,000	3,700	110	1,100	260	20,000	NA	21.24	7.60	13.64	NA
S-2 (D)	10/02/1996	25,000	31,000	3,500	100	1,100	260	19,000	NA	21.24	7.60	13.64	NA
S-2	09/19/1997	21,000	11,000	2,300	120	500	110	11,000	NA	21.24	7.45	13.79	2.1
S-2	01/08/1998	35,000	8,100	3,200	260	850	320	23,000	NA	21.24	6.96	14.28	2.3
S-2 (D)	01/08/1998	27,000	5,400	3,400	190	860	200	23,000	NA	21.24	6.96	14.28	2.3
S-2	07/17/1998	19,000	12,000	1,700	130	610	130	13,000	NA	21.24	6.67	14.57	2.3
S-2	01/28/1999	482	99	24	7.52	5.41	63.7	11	NA	21.24	10.63	10.61	2.4
S-2	07/23/1999	320	223	52.0	54.5	14.7	48.6	33.9	NA	21.24	10.12	11.12	2.6

WELL CONENTRATIONS
Shell-branded Service Station
350 Grand Avenue
Oakland, CA
Wic #204-5510-0204

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	01/24/2000	18,500	7,600	1,440	140	472	68.9	6,940	NA	21.24	8.63	12.61	1.6
S-3	01/23/1991	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	22.70	14.67	8.03	NA
S-3	04/25/1991	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	22.70	12.96	9.74	NA
S-3	07/19/1991	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	22.70	12.45	10.25	NA
S-3	10/09/1991	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	22.70	12.98	9.72	NA
S-3	01/23/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	22.70	13.06	9.64	NA
S-3	04/27/1992	<50	100	<0.5	<0.5	<0.5	<0.5	NA	NA	22.70	7.25	15.45	NA
S-3	07/10/1992	<50	68	<0.5	<0.5	<0.5	<0.5	NA	NA	22.70	8.46	14.24	NA
S-3	10/06/1992	<50	<10	<0.5	<0.5	<0.5	<0.5	NA	NA	22.70	11.77	10.93	NA
S-3	01/06/1993	<50	<10	<0.5	<0.5	<0.5	<0.5	NA	NA	22.70	12.53	10.17	NA
S-3	04/26/1993	<50	69	<0.5	<0.5	<0.5	<0.5	NA	NA	22.70	4.28	18.42	NA
S-3	07/20/1993	<50	120	<0.5	0.6	<0.5	<0.5	NA	NA	22.70	5.70	17.00	NA
S-3	10/18/1993	<50	160	<0.5	<0.5	<0.5	<0.5	NA	NA	22.70	10.30	12.40	NA
S-3 a	01/07/1994	160	58	59	26	4.9	22	NA	NA	22.70	12.40	10.30	NA
S-3	04/11/1994	<50	<50	<0.52	<0.5	<0.5	<0.5	NA	NA	22.70	10.94	11.76	NA
S-3	07/14/1994	NA	NA	NA	NA	NA	NA	NA	NA	22.70	7.90	14.80	NA
S-3	07/19/1994	<50	110d	<0.5	<0.5	<0.5	<0.5	NA	NA	22.70	8.12	14.58	NA
S-3	10/06/1994	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	22.70	12.15	10.55	NA
S-3	01/04/1995	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	22.70	11.18	11.52	NA
S-3	04/12/1995	<50	110	<0.5	<0.5	<0.5	<0.5	NA	NA	22.70	3.76	18.94	NA
S-3	07/07/1995	<50	410	<0.5	<0.5	<0.5	<0.5	NA	NA	22.70	4.72	17.98	NA
S-3	10/05/1995	<50	160	<0.5	<0.5	<0.5	<0.5	NA	NA	22.70	5.80	16.90	NA
S-3	01/12/1996	100	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	22.70	7.00	15.70	NA
S-3	04/02/1996	<50	170	<0.5	<0.5	<0.5	<0.5	3.4	NA	22.70	3.42	19.28	NA
S-3	07/30/1996	<50	92	<0.5	<0.5	<0.5	<0.5	4.3	NA	22.70	5.89	16.81	NA

WELL CONENTRATIONS
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Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOB (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
S-3	10/02/1996	<50	160	<0.5	<0.5	<0.5	<0.5	4.1	NA	22.70	7.20	15.50	NA
S-3	09/19/1997	<50	260	<0.50	<0.50	<0.50	<0.50	4.3	NA	22.70	6.92	15.78	1.4
S-3 (D)	09/19/1997	<50	290	<0.50	<0.50	<0.50	<0.50	5.2	NA	22.70	6.92	15.78	1.4
S-3	01/08/1998	<50	170	<0.50	<0.50	<0.50	0.92	120	NA	22.70	5.77	16.93	2.7
S-3	07/17/1998	<50	97	<0.50	<0.50	<0.50	<0.50	33	NA	22.71	4.17	18.54	2.7
S-3	01/28/1999	656	<50.0	45.4	10.2	4.98	83.2	87.2	NA	22.71	8.15	14.56	1.8
S-3	07/23/1999	<50.0	77.3	<0.500	<0.500	<0.500	<0.500	39.3	NA	22.71	7.46	15.25	1.9
S-3	01/24/2000	<50.0	77.2	<0.500	<0.500	<0.500	<0.500	12.0	NA	22.71	5.92	16.79	2.1
S-4	07/17/1998	<50	220	<0.50	<0.50	<0.50	<0.50	<2.5	NA	19.96	6.59	13.37	2.5
S-4 (D)	07/17/1998	<50	260	<0.50	<0.50	<0.50	<0.50	<2.5	NA	19.96	6.59	13.37	2.5
S-4	01/28/1999	<50.0	356	0.882	<0.500	<0.500	0.71	<2.00	NA	19.96	10.57	9.39	3.0
S-4	07/23/1999	<50.0	<50	<0.500	<0.500	<0.500	<0.500	8.27	NA	19.96	10.06	9.90	2.1
S-4	01/24/2000	Unable to sample		NA	NA	NA	NA	NA	NA	19.96	8.29	11.67	NA
S-4	02/02/2000	<50.0	410	<0.500	<0.500	<0.500	<0.500	<5.00	NA	19.96	9.93	10.03	2.0
S-5	07/17/1998	<50	110	<0.50	<0.50	<0.50	<0.50	<2.5	NA	22.27	6.78	15.49	2.2
S-5	01/28/1999	<50.0	109	<0.500	<0.500	<0.500	<0.500	<2.00	NA	22.27	10.75	11.52	2.0
S-5	07/23/1999	<50.0	204	<0.500	<0.500	<0.500	<0.500	5.95	NA	22.27	10.21	12.06	1.8
S-5	01/24/2000	Unable to sample		NA	NA	NA	NA	NA	NA	22.27	8.23	14.04	NA
S-5	02/02/2000	<50.0	172	<0.500	<0.500	<0.500	<0.500	<5.00	NA	22.27	10.15	12.12	1.9
HP-1	01/27/1993	22,000	14,000	2,500	130	1,400	140	NA	NA	NA	NA	NA	NA
HP-2	01/27/1993	<50	NA	<0.5	4.4	<0.5	<0.5	NA	NA	NA	NA	NA	NA

WELL CONENTRATIONS
Shell-branded Service Station
350 Grand Avenue
Oakland, CA
Wic #204-5510-0204

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)
HP-3	01/27/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA

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 Wellbox Elevation
GW = Groundwater
DO = Dissolved Oxygen
ug/L = parts per billion
msl = Mean sea level
ft = Feet
<n = Below detection limit
D = Duplicate sample
HP = Hydropunch ground water sample
NA = Not applicable

Notes:
a = TPPH/BETX concentrations anomalous with historical data. Lab verified concentrations.
b = Compounds reported as TPH-D appear to be the less volatile constituents of gasoline.
c = Compounds reported as TPH-D are primarily due to the presence of a heavier petroleum product, possibly motor oil.
d = Chromatogram pattern indicated an unidentified hydrcocarbon.
e = Compounds reported as TPH-D are primarily due to the presence of lighter petroleum product, possibly gasoline.
Wells S-1, S-3, S-4, and S-5 surveyed on May 4, 1998 by Virgil Chavez Land Surveying of Vallejo, California.

Sequoia Analytical

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

February 10, 2000

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

RE: Equiva 350 Grand Ave., Oakland

Dear Leah Davis

Enclosed are the results of analyses for sample(s) received by the laboratory on January 25, 2000. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Kayvan Kimyai
Project Manager D.M.

CA ELAP Certificate Number 1210

Sequoia Analytical

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

Blaine Tech Services (Shell)	Project:	Equiva	Sampled:	1/24/00
1680 Rogers Avenue	Project Number:	350 Grand Ave., Oakland	Received:	1/25/00
San Jose, CA 95112	Project Manager:	Leah Davis	Reported:	2/10/00 17:48

ANALYTICAL REPORT FOR SAMPLES:

Sample Description	Laboratory Sample Number	Sample Matrix	Date Sampled
S-1	MJA0086-01	Water	1/24/00
S-2	MJA0086-02	Water	1/24/00
S-3	MJA0086-03	Water	1/24/00

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Kayvan Kimyai, Project Manager D.M.

Sequoia Analytical

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

Blaine Tech Services (Shell)	Project:	Equiva	Sampled: 1/24/00
1680 Rogers Avenue	Project Number:	350 Grand Ave., Oakland	Received: 1/25/00
San Jose, CA 95112	Project Manager:	Leah Davis	Reported: 2/10/00 17:48

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

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
S-1			**MJA0086-01**				**Water**	
Purgeable Hydrocarbons	0A31005	1/31/00	1/31/00	DHS LUFT	50.0	ND	ug/l	
Benzene	"	"	"	DHS LUFT	0.500	ND	"	
Toluene	"	"	"	DHS LUFT	0.500	ND	"	
Ethylbenzene	"	"	"	DHS LUFT	0.500	ND	"	
Xylenes (total)	"	"	"	DHS LUFT	0.500	ND	"	
Methyl tert-butyl ether	"	"	"	DHS LUFT	2.50	**8.41**	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*70-130*		*89.6*	*%*	
S-2			**MJA0086-02**				**Water**	
Purgeable Hydrocarbons	0A31005	1/31/00	1/31/00	DHS LUFT	2500	**18500**	ug/l	P-01
Benzene	"	"	"	DHS LUFT	25.0	**1440**	"	
Toluene	"	"	"	DHS LUFT	25.0	**140**	"	
Ethylbenzene	"	"	"	DHS LUFT	25.0	**472**	"	
Xylenes (total)	"	"	"	DHS LUFT	25.0	**68.9**	"	
Methyl tert-butyl ether	"	"	"	DHS LUFT	125	**6940**	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*70-130*		*149*	*%*	*S-02*
S-3			**MJA0086-03**				**Water**	
Purgeable Hydrocarbons	0A31005	1/31/00	1/31/00	DHS LUFT	50.0	ND	ug/l	
Benzene	"	"	"	DHS LUFT	0.500	ND	"	
Toluene	"	"	"	DHS LUFT	0.500	ND	"	
Ethylbenzene	"	"	"	DHS LUFT	0.500	ND	"	
Xylenes (total)	"	"	"	DHS LUFT	0.500	ND	"	
Methyl tert-butyl ether	"	"	"	DHS LUFT	2.50	**12.0**	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*70-130*		*87.9*	*%*	

Sequoia Analytical

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

Blaine Tech Services (Shell)	Project:	Equiva	Sampled:	1/24/00
1680 Rogers Avenue	Project Number:	350 Grand Ave., Oakland	Received:	1/25/00
San Jose, CA 95112	Project Manager:	Leah Davis	Reported:	2/10/00 17:48

Diesel Hydrocarbons (C9-C24) by DHS LUFT
Sequoia Analytical - Morgan Hill

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
S-1			**MJA0086-01**				**Water**	
Diesel Range Hydrocarbons	0B01024	2/1/00	2/2/00	DHS LUFT	0.0500	**0.0796**	mg/l	D-15
Surrogate: n-Pentacosane	"	"	"	*50-150*		*112*	*%*	
S-2			**MJA0086-02**				**Water**	
Diesel Range Hydrocarbons	0B01024	2/1/00	2/2/00	DHS LUFT	0.250	**7.60**	mg/l	D-15
Surrogate: n-Pentacosane	"	"	"	*50-150*		*112*	*%*	
S-3			**MJA0086-03**				**Water**	
Diesel Range Hydrocarbons	0B01024	2/1/00	2/2/00	DHS LUFT	0.0500	**0.0772**	mg/l	D-15
Surrogate: n-Pentacosane	"	"	"	*50-150*		*116*	*%*	

Sequoia Analytical

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

Blaine Tech Services (Shell)	Project:	Equiva	Sampled: 1/24/00
1680 Rogers Avenue	Project Number:	350 Grand Ave., Oakland	Received: 1/25/00
San Jose, CA 95112	Project Manager:	Leah Davis	Reported: 2/10/00 17:48

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: 0A31005	**Date Prepared: 1/31/00**					**Extraction Method: EPA 5030B [P/T]**				
Blank	**0A31005-BLK1**									
Purgeable Hydrocarbons	1/31/00			**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*		*9.13*	"	*70-130*	*91.3*			
LCS	**0A31005-BS1**									
Purgeable Hydrocarbons	1/31/00	250		231	ug/l	70-130	92.4			
Surrogate: a,a,a-Trifluorotoluene	"	*10.0*		*10.5*	"	*70-130*	*105*			
LCS Dup	**0A31005-BSD1**									
Purgeable Hydrocarbons	1/31/00	250		264	ug/l	70-130	106	25	13.3	
Surrogate: a,a,a-Trifluorotoluene	"	*10.0*		*10.5*	"	*70-130*	*105*			

Sequoia Analytical

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

Blaine Tech Services (Shell)	Project:	Equiva	Sampled: 1/24/00
1680 Rogers Avenue	Project Number:	350 Grand Ave., Oakland	Received: 1/25/00
San Jose, CA 95112	Project Manager:	Leah Davis	Reported: 2/10/00 17:48

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: 0B01024	**Date Prepared: 2/1/00**					**Extraction Method: EPA 3510B**				
Blank	**0B01024-BLK1**									
Diesel Range Hydrocarbons	2/2/00			**ND**	mg/l	**0.0500**				
Surrogate: n-Pentacosane	"	*0.100*		*0.107*	"	*50-150*	*107*			
LCS	**0B01024-BS1**									
Diesel Range Hydrocarbons	2/2/00	1.00		0.924	mg/l	60-140	92.4			
Surrogate: n-Pentacosane	"	*0.100*		*0.112*	"	*50-150*	*112*			
LCS Dup	**0B01024-BSD1**									
Diesel Range Hydrocarbons	2/2/00	1.00		0.903	mg/l	60-140	90.3	50	2.30	
Surrogate: n-Pentacosane	"	*0.100*		*0.116*	"	*50-150*	*116*			

Sequoia Analytical

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

Blaine Tech Services (Shell)	Project:	Equiva	Sampled:	1/24/00
1680 Rogers Avenue	Project Number:	350 Grand Ave., Oakland	Received:	1/25/00
San Jose, CA 95112	Project Manager:	Leah Davis	Reported:	2/10/00 17:48

Notes and Definitions

#	Note
D-15	Chromatogram Pattern: Unidentified Hydrocarbons C9-C24
P-01	Chromatogram Pattern: Gasoline C6-C12
S-02	The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample.
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

CHAIN OF CUSTODY

CLIENT: Equiva - Karen Petryna

SITE: 350 Grand Ave.
Oakland, CA

000124-41

C = COMPOSITE ALL CONTAINERS

CONDUCT ANALYSIS TO DETECT

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 # 98995755

Send report to Blaine Tech Services

Attn: Ann Pember

SAMPLE I.D.			MATRIX (S = SOIL, W = H2O)	CONTAINERS TOTAL	TPH - gas, BTEX	MTBE by 8020	MTBE by 8260	TPH-diesel	Oxygenates by 8260	ADD'L INFORMATION	STATUS	CONDITION	LAB SAMPLE #
S-1	01-24-00	11:30	W	5	X	X		X					1
S-2	↓	11:10	↓	↓	↓	↓		↓					2
S-3	↓	10:48	↓	↓	↓	↓		↓					3
													4
							MJAU086						

SAMPLING COMPLETED	DATE	TIME
	01-24-00	11:30

SAMPLING PERFORMED BY: Sanjiv

RESULTS NEEDED NO LATER THAN

RELEASED BY	DATE	TIME	RECEIVED BY	DATE	TIME
	1/25/00	8:19		1/25/00	8:19
	1/25/00		BN (MH)	1/25/00	16:20

SHIPPED VIA	DATE SENT	TIME SENT	COOLER #

Sequoia Analytical

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

February 15, 2000

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

RE: Equiva 350 Grand Ave., Oakland

Dear Nick Sudano

Enclosed are the results of analyses for sample(s) received by the laboratory on February 3, 2000.
If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Kayvan Kimyai
Project Manager D.M.

CA ELAP Certificate Number 1210

Sequoia Analytical

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

Blaine Tech Services (Shell)	Project:	Equiva	Sampled: 2/2/00
1680 Rogers Avenue	Project Number:	350 Grand Ave., Oakland	Received: 2/3/00
San Jose, CA 95112	Project Manager:	Nick Sudano	Reported: 2/15/00 15:52

ANALYTICAL REPORT FOR SAMPLES:

Sample Description	Laboratory Sample Number	Sample Matrix	Date Sampled
S-4	MJB0112-01	Water	2/2/00
S-5	MJB0112-02	Water	2/2/00

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Kayvan Kimyai, Project Manager D.M.

Sequoia Analytical

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

Blaine Tech Services (Shell)	Project:	Equiva	Sampled: 2/2/00
1680 Rogers Avenue	Project Number:	350 Grand Ave., Oakland	Received: 2/3/00
San Jose, CA 95112	Project Manager:	Nick Sudano	Reported: 2/15/00 15:52

Diesel Hydrocarbons (C9-C24) by DHS LUFT
Sequoia Analytical - Morgan Hill

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
S-4			**MJB0112-01**				**Water**	
Diesel Range Hydrocarbons	0B08027	2/8/00	2/10/00	DHS LUFT	0.0500	**0.410**	mg/l	D-15
Surrogate: n-Pentacosane	"	"	"	*50-150*		*116*	%	
S-5			**MJB0112-02**				**Water**	
Diesel Range Hydrocarbons	0B08027	2/8/00	2/10/00	DHS LUFT	0.0500	**0.172**	mg/l	D-15
Surrogate: n-Pentacosane	"	"	"	*50-150*		*118*	%	

Sequoia Analytical

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

Blaine Tech Services (Shell)	Project:	Equiva	Sampled:	2/2/00
1680 Rogers Avenue	Project Number:	350 Grand Ave., Oakland	Received:	2/3/00
San Jose, CA 95112	Project Manager:	Nick Sudano	Reported:	2/15/00 15:52

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

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
S-4			**MJB0112-01**				**Water**	
Purgeable Hydrocarbons as Gasoline	0020040	2/9/00	2/10/00		50.0	ND	ug/l	
Benzene	"	"	"		0.500	ND	"	
Toluene	"	"	"		0.500	ND	"	
Ethylbenzene	"	"	"		0.500	ND	"	
Xylenes (total)	"	"	"		0.500	ND	"	
Methyl tert-butyl ether	"	"	"		5.00	ND	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*70.0-130*		*90.9*	*%*	
S-5			**MJB0112-02**				**Water**	
Purgeable Hydrocarbons as Gasoline	0020040	2/9/00	2/10/00		50.0	ND	ug/l	
Benzene	"	"	"		0.500	ND	"	
Toluene	"	"	"		0.500	ND	"	
Ethylbenzene	"	"	"		0.500	ND	"	
Xylenes (total)	"	"	"		0.500	ND	"	
Methyl tert-butyl ether	"	"	"		5.00	ND	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*70.0-130*		*90.2*	*%*	

Sequoia Analytical

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

Blaine Tech Services (Shell)	Project:	Equiva	Sampled: 2/2/00
1680 Rogers Avenue	Project Number:	350 Grand Ave., Oakland	Received: 2/3/00
San Jose, CA 95112	Project Manager:	Nick Sudano	Reported: 2/15/00 15:52

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: 0B08027	**Date Prepared: 2/8/00**					**Extraction Method: EPA 3520B**				
Blank	**0B08027-BLK1**									
Diesel Range Hydrocarbons	2/9/00			**ND**	mg/l	**0.0500**				
Surrogate: n-Pentacosane	"	*0.100*		*0.113*	"	*50-150*	*113*			
LCS	**0B08027-BS1**									
Diesel Range Hydrocarbons	2/9/00	1.00		0.907	mg/l	60-140	90.7			
Surrogate: n-Pentacosane	"	*0.100*		*0.119*	"	*50-150*	*119*			
LCS Dup	**0B08027-BSD1**									
Diesel Range Hydrocarbons	2/9/00	1.00		0.847	mg/l	60-140	84.7	50	6.84	
Surrogate: n-Pentacosane	"	*0.100*		*0.113*	"	*50-150*	*113*			

Sequoia Analytical

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

Blaine Tech Services (Shell)	Project:	Equiva	Sampled: 2/2/00
1680 Rogers Avenue	Project Number:	350 Grand Ave., Oakland	Received: 2/3/00
San Jose, CA 95112	Project Manager:	Nick Sudano	Reported: 2/15/00 15:52

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

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit / Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Batch: 0020040	**Date Prepared: 2/9/00**					**Extraction Method: EPA 5030B [P/T]**				
Blank	**0020040-BLK1**									
Purgeable Hydrocarbons as Gasoline	2/9/00			**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**	"	**5.00**				
Surrogate: a,a,a-Trifluorotoluene	"	*10.0*		*10.0*	"	*70.0-130*	*100*			
LCS	**0020040-BS1**									
Benzene	2/9/00	10.0		8.99	ug/l	70.0-130	89.9			
Toluene	"	10.0		8.58	"	70.0-130	85.8			
Ethylbenzene	"	10.0		8.97	"	70.0-130	89.7			
Xylenes (total)	"	30.0		26.5	"	70.0-130	88.3			
Surrogate: a,a,a-Trifluorotoluene	"	*10.0*		*9.03*	"	*70.0-130*	*90.3*			
LCS	**0020040-BS2**									
Purgeable Hydrocarbons as Gasoline	2/9/00	250		227	ug/l	70.0-130	90.8			
Surrogate: a,a,a-Trifluorotoluene	"	*10.0*		*9.76*	"	*70.0-130*	*97.6*			
Matrix Spike	**0020040-MS1**		**L002059-01**							
Benzene	2/9/00	10.0	ND	10.3	ug/l	60.0-140	**103**			
Toluene	"	10.0	ND	9.77	"	60.0-140	**97.7**			
Ethylbenzene	"	10.0	ND	10.3	"	60.0-140	**103**			
Xylenes (total)	"	30.0	ND	30.4	"	60.0-140	**101**			
Surrogate: a,a,a-Trifluorotoluene	"	*10.0*		*10.2*	"	*70.0-130*	*102*			
Matrix Spike Dup	**0020040-MSD1**		**L002059-01**							
Benzene	2/9/00	10.0	ND	9.96	ug/l	60.0-140	**99.6**	25.0	**3.36**	
Toluene	"	10.0	ND	9.46	"	60.0-140	**94.6**	25.0	**3.22**	
Ethylbenzene	"	10.0	ND	9.97	"	60.0-140	**99.7**	25.0	**3.26**	
Xylenes (total)	"	30.0	ND	29.5	"	60.0-140	**98.3**	25.0	**2.71**	
Surrogate: a,a,a-Trifluorotoluene	"	*10.0*		*9.88*	"	*70.0-130*	*98.8*			

Sequoia Analytical

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

Blaine Tech Services (Shell)	Project:	Equiva	Sampled:	2/2/00
1680 Rogers Avenue	Project Number:	350 Grand Ave., Oakland	Received:	2/3/00
San Jose, CA 95112	Project Manager:	Nick Sudano	Reported:	2/15/00 15:52

Notes and Definitions

#	Note
D-15	Chromatogram Pattern: Unidentified Hydrocarbons C9-C24
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

CHAIN OF CUSTODY 00202-S2

CLIENT Equiva - Karen Petryna

SITE 350 Grand Ave.
Oakland, CA

SAMPLE I.D.			MATRIX S = SOIL W = H2O	CONTAINERS TOTAL	C = COMPOSITE ALL CONTAINERS	TPH - gas, BTEX	MTBE by 8020	MTBE by 8260	TPH-diesel	Oxygenates by 8260	ADD'L INFORMATION	STATUS	CONDITION	LAB SAMPLE #
S-4	2/2/00	12:05	W	4		X	X		X					1
S-5	2/2/00	12:45	W	4		X	X		X					2

CONDUCT ANALYSIS TO DETECT

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 # 98995755

Send report to Blaine Tech Services

Attn: Ann Pember

MTBE 8260

5 3 9 53

SAMPLING COMPLETED	DATE	TIME	SAMPLING PERFORMED BY
	2/2/00	12:45	Kevin Sullivan

RESULTS NEEDED NO LATER THAN

RELEASED BY	DATE	TIME	RECEIVED BY	DATE	TIME
Kevin Sullivan	2/3/00	8:30		2/3/00	8:30
	2/3/00			2/3	9:53

SHIPPED VIA	DATE SENT	TIME SENT	COOLER #

WELL GAUGING DATA

Project # 000124-01 Date 01-24-00 Client 204-5510-0204

Site 350 Grand Ave, 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-1	3					8.42	17.93	TOB	
S-2	3					8.63	15.05		
S-3	3					5.92	14.86		
S-4	1					8.29	13.84		
S-5	1					8.23	13.31		

EQUIVA WELL MONITORING DATA SHEET

Project #: 000124-L1	Job # 204-5510-0204
Sampler: Sanjiv	Date: 01-24-00
Well I.D.: S-1	Well Diameter: 2 (3) 4 6 8 ___
Total Well Depth: 19.93	Depth to Water: 8.42
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: (Disposable) Bailer / Middleburg / Electric Submersible / Extraction Pump / Other: ___

Sampling Method: (Disposable) Bailer / Extraction Port / Other: ___

3.5 (1 Case Volume (Gals.)) X 3 (Specified Volumes) = 10.5 Gals. (Calculated Volume)

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
11:21	63.2	7.1	479	60.2	3.5	
11:24	63.6	6.9	493	81.6	7	
11:27	63.6	6.3	506	100.4	10.5	

Did well dewater? Yes (No)		Gallons actually evacuated: 10.5	
Sampling Time: 11:30		Sampling Date: 01-24-00	
Sample I.D.: S-1		Laboratory: (Sequoia) BC Other ___	
Analyzed for: (TPH-G) (BTEX) (MTBE) (TPH-D)		Other:	
D.O. (if req'd):	Pre-purge: ___ mg/L	(Post-purge:)	2.2 mg/L
O.R.P. (if req'd):	Pre-purge: ___ mV	Post-purge:	___ mV

EQUIVA WELL MONITORING DATA SHEET

Project #: 000124-A1	Job # 204-5510-0204
Sampler: Sanjiv	Date: 01-24-00
Well I.D.: S-2	Well Diameter: 2 (3) 4 6 8 ____
Total Well Depth: 15.05	Depth to Water: 8.63
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 Electric Submersible Extraction Pump Other: ____

Sampling Method: (Bailer) Extraction Port Other: ____

2.3 (1 Case Volume (Gals.)) x 3 (Specified Volumes) = 6.9 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
11:00	63.2	6.1	801	110.8	3	
11:04	63.7	6.1	837	86.3	5	Strong
11:06	62.1	6.4	852	100.6	7	odor

Did well dewater? Yes (No)		Gallons actually evacuated: 7	
Sampling Time: 11:10		Sampling Date: 01-24-00	
Sample I.D.: S-2		Laboratory: (Sequoia) BC Other____	
Analyzed for: (TPH-G) (BTEX) (MTBE) (TPH-D)		Other:	
D.O. (if req'd):	Pre-purge:	mg/L	Post-purge: 1.6 mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge: mV

EQUIVA WELL MONITORING DATA SHEET

Project #: 000124-41	Job # 204-5510-0204
Sampler: Sanjiv	Date: 01-24-00
Well I.D.: S-3	Well Diameter: 2 (3) 4 6 8 ___
Total Well Depth: 14.86	Depth to Water: 5.92
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 / Electric Submersible / Extraction Pump / Other: ___

Sampling Method: (Bailer) Extraction Port / Other: ___

3.3 (1 Case Volume (Gals.)) X 3 (Specified Volumes) = 9.9 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
10:31	60.4	6.0	482	>200	4	
10:36	60.8	6.3	522	17.6	7	
10:40	60.3	6.1	537	10.3	10	

Did well dewater? Yes (No) Gallons actually evacuated: 10

Sampling Time: 10:42 Sampling Date: 01-24-00

Sample I.D.: S-3 Laboratory: (Sequoia) BC Other ___

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

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	2.1 mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

EQUIVA WELL MONITORING DATA SHEET

Project #: 000124-41	Job # 204-5510-0204
Sampler: Sanjiv	Date: 01-24-00
Well I.D.: S-4	Well Diameter: 2 3 4 6 8 1
Total Well Depth: 13.84	Depth to Water: 8.29
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, Electric Submersible, Extraction Pump, Other: _____

Sampling Method: Bailer, Extraction Port, Other: _____

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

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
		need				
		para's	Pump			

Did well dewater? Yes No		Gallons actually evacuated:	
Sampling Time:		Sampling Date:	
Sample I.D.:		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

SHELL WELL MONITORING DATA SHEET

Project #: 000124-41	WIC #: 204-5510-0204
Sampler: Sanjiv	Date: 01-24-00
Well I.D.: S-5	Well Diameter: 2 3 4 6 8 1
Total Well Depth: 13.31	Depth to Water: 8.23
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	radius² * 0.163

1 x 1 x 0.163 = 0.163 x 5.08 = .82

Purge Method: Bailer / Middleburg / Electric Submersible / Extraction Pump / Other: P.n

Sampling Method: Bailer / Extraction Port / Other: P.n

.82 (1 Case Volume (Gals.)) X 3 (Specified Volumes) = 2.4 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
					1	
					2	
	Too	silty	to sample by tubing	need peristaltic pump	2.5	

Did well dewater? Yes No		Gallons actually evacuated:	
Sampling Time:		Sampling Date:	
Sample I.D.:		Laboratory: Sequoia Crosby	
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

WELL GAUGING DATA

Project # 020202-S2 Date 2/2/00 Client _____

Site _____ Equiva 98995755
350 GRAND AVE.
OAKLAND

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	1					9.93	14.91	TOB	
S-5	1					10.15	1339	TOB	

2

EQUIVA WELL MONITORING DATA SHEET

Project #: 000202-52	Job # 204-5510-0204
Sampler: KPS	Date: 2/2/00
Well I.D.: S-4	Well Diameter: 2 3 4 6 8 (1)
Total Well Depth: 14.91	Depth to Water: 9.93
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	radius² * 0.163

.042

Purge Method: Bailer / Middleburg / Electric Submersible / Extraction Pump / Other: Pen Bailer

Sampling Method: Bailer / Extraction Port / Other: Pen Bailer

1 Case Volume (Gals.)	X	Specified Volumes	=	Calculated Volume
.2	X	3	=	.6 Gals.

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
11:49	72.0	7.2	1172	<200	.2	
11:54	71.8	7.2	1169	<200	.4	
11:59	72.1	7.1	1154	<200	.6	

Did well dewater? Yes (No) Gallons actually evacuated: .6

Sampling Time: 12:05 Sampling Date: 2/2/00

Sample I.D.: S-4 Laboratory: (Sequoia) BC Other

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

D.O. (if req'd):	Pre-purge:	mg/L	(Post-purge:)	2.0 mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

2

EQUIVA WELL MONITORING DATA SHEET

Project #: 000202-52	Job # 204-5510-0204
Sampler: KPS	Date: 2/2/00
Well I.D.: S-5	Well Diameter: 2 3 4 6 8 (1)
Total Well Depth: 13.39	Depth to Water: 10.15
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 / Electric Submersible / Extraction Pump / Other: Ram Bailer

Sampling Method: Bailer / Extraction Port / Other: Ram Bailer

1 Case Volume (Gals.)	X	Specified Volumes	=	Calculated Volume
≈14	X	3	=	≈42 Gals.

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
12:27	69.0	7.0	1027	<200	≈16	
12:33	70.1	7.1	1073	<200	≈32	
12:38	70.5	7.1	1059	<200	≈5	

Did well dewater? Yes (No)		Gallons actually evacuated:	≈5
Sampling Time: 12:45		Sampling Date:	2/2/00
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: 1.9 mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge: mV