CAMBRIA

ENVIRONMENTAL PROTECTION
00 OCT 11 PM 4:39

October 9, 2000

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

Re: **Third 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.

THIRD QUARTER 2000 ACTIVITIES

Groundwater Monitoring: Blaine Tech Services, Inc. (Blaine) of San Jose, California gauged and sampled the site wells, calculated groundwater elevations, and compiled the analytical data. Cambria prepared a groundwater elevation contour map (Figure 1). Blaine's 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 first quarter of 2001. 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 Troy Buggle at (510) 420-3333 if you have any questions or comments.

Sincerely,
Cambria Environmental Technology, Inc

Troy Buggle
Project Scientist

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

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

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 91510-7869
Major Brand Gas, Inc., PO Box 2099, Houston, TX 77252

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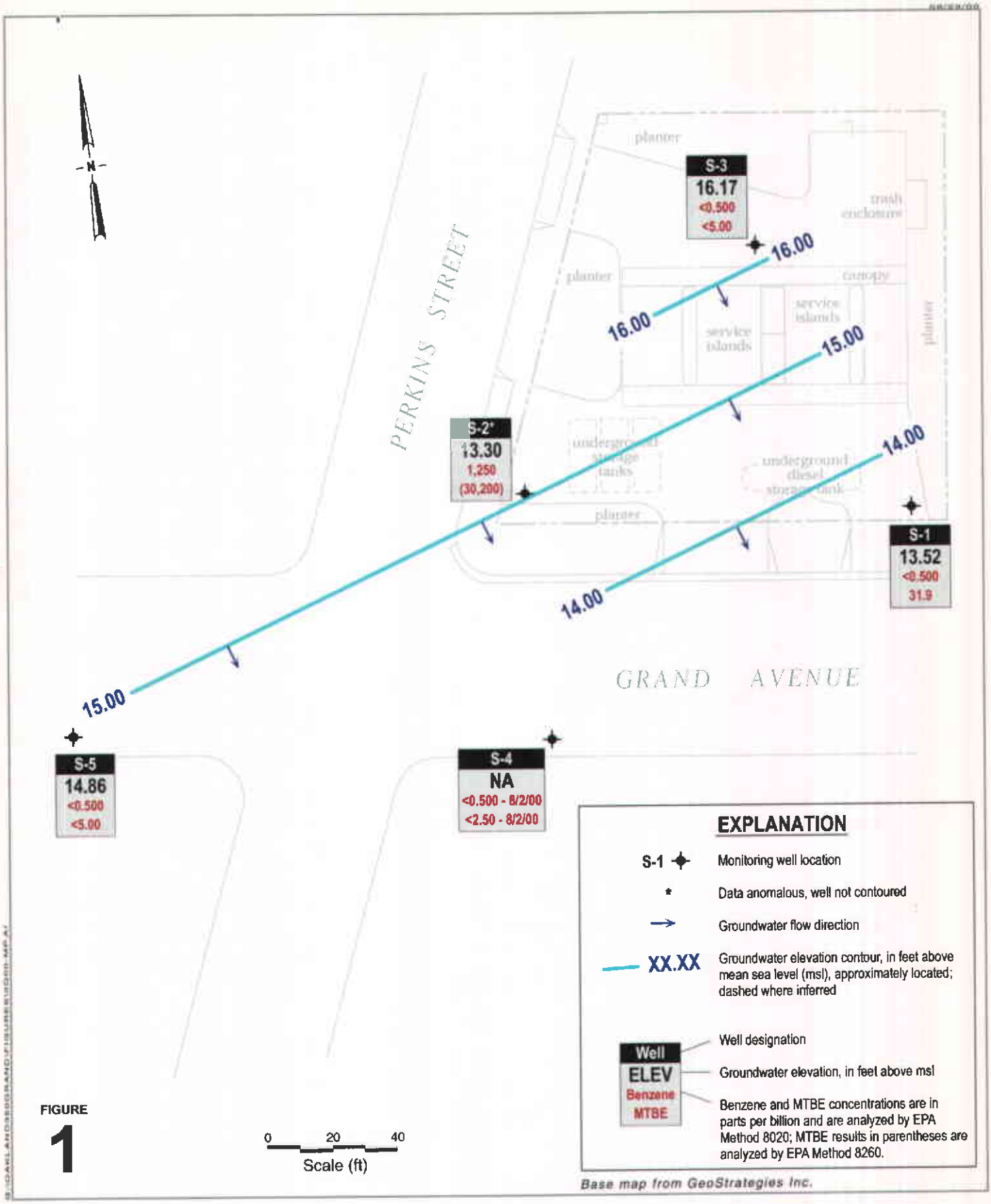

FIGURE
1

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

CAMBRIA

Groundwater Elevation Contour Map
July 27, 2000

ATTACHMENT A

Blaine Groundwater Monitoring Report and Field Notes

BLAINE
TECH SERVICES, INC.

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

August 25, 2000

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

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

Monitoring performed on July 27 and August 2, 2000

Groundwater Monitoring Report **000727-J-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, 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,

for

Deidre Kerwin
Operations Manager

DK/jt

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

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

WELL 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-1	**07/27/2000**	**<50.0**	**127**	**<0.500**	**<0.500**	**<0.500**	**<0.500**	**31.9**	**NA**	**20.86**	**7.34**	**13.52**	**1.6**
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

WELL CONENTRATIONS
Shell-branded Service Station
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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 (D)	10/18/1993	28,000	14,000e	3,700	210	2,100	1,600	NA	NA	21.24	9.36	11.88	NA
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	10/05/1995	26,000	10,000	3,500	150	1,100	640	NA	NA	21.24	7.36	13.88	NA
S-2 (D)	10/05/1995	33,000	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	19,000	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

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	07/23/1999	320	223	52.0	54.5	14.7	48.6	33.9	NA	21.24	10.12	11.12	2.6
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-2	**07/27/2000**	**14,900**	**10,200**	**1,250**	**98.8**	**437**	**<50.0**	**22,200**	**30,200**	**21.24**	**7.94**	**13.30**	**2.0**
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

WELL CONENTRATIONS
Shell-branded Service Station
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Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOB (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
S-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
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-3	**07/27/2000**	**<50.0**	**142**	**<0.500**	**<0.500**	**<0.500**	**<0.500**	**<5.00**	**NA**	**22.71**	**6.54**	**16.17**	**1.7**
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-4	**07/27/2000**	**Well inaccessible**		**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**19.96**	**NA**	**NA**	**NA**
S-4	**08/02/2000**	**<50.0**	**265**	**<0.500**	**<0.500**	**<0.500**	**<0.500**	**<2.50**	**NA**	**19.96**	**8.05**	**11.91**	**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

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-5	**07/27/2000**	**<50.0**	**119**	**<0.500**	**<0.500**	**<0.500**	**<0.500**	**<5.00**	**NA**	**22.27**	**7.41**	**14.86**	**2.0**
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
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
ppm =parts per million
msl = Mean sea level
ft = Feet
<n = Below detection limit
D = Duplicate sample
HP = Hydropunch ground water sample
NA = Not applicable

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)

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
www.sequoialabs.com

15 August, 2000

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

RE: 350 Grand Ave.
Sequoia Report: MJG0851

Enclosed are the results of analyses for samples received by the laboratory on 07/28/00 12:14. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Ted Terrasas
Project Manager

CA ELAP Certificate #1210

Sequoia Analytical

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

Blaine Tech Services (Shell)	Project: 350 Grand Ave.	
1680 Rogers Avenue	Project Number: 350 Grand Ave./ Oakland	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	08/15/00 13:13

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
S-1	MJG0851-01	Water	07/27/00 12:35	07/28/00 12:14
S-2	MJG0851-02	Water	07/27/00 12:45	07/28/00 12:14
S-3	MJG0851-03	Water	07/27/00 12:15	07/28/00 12:14
S-5	MJG0851-04	Water	07/27/00 10:55	07/28/00 12:14

Ted Terrasas, Project Manager

Sequoia Analytical

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

Blaine Tech Services (Shell)	Project: 350 Grand Ave.	
1680 Rogers Avenue	Project Number: 350 Grand Ave./ Oakland	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	08/15/00 13:13

Diesel Hydrocarbons (C9-C24) by DHS LUFT

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S-1 (MJG0851-01) Water Sampled: 07/27/00 12:35 Received: 07/28/00 12:14									
Diesel Range Hydrocarbons	**0.127**	0.0500	mg/l	1	0H04031	08/04/00	08/08/00	DHS LUFT	D-15
Surrogate: n-Pentacosane		*99.4 %*	*50-150*		"	"	"	"	
S-2 (MJG0851-02) Water Sampled: 07/27/00 12:45 Received: 07/28/00 12:14									
Diesel Range Hydrocarbons	**10.2**	0.200	mg/l	4	0H04031	08/04/00	08/08/00	DHS LUFT	
Surrogate: n-Pentacosane		*126 %*	*50-150*		"	"	"	"	
S-3 (MJG0851-03) Water Sampled: 07/27/00 12:15 Received: 07/28/00 12:14									
Diesel Range Hydrocarbons	**0.142**	0.0500	mg/l	1	0H04031	08/04/00	08/08/00	DHS LUFT	D-15
Surrogate: n-Pentacosane		*112 %*	*50-150*		"	"	"	"	
S-5 (MJG0851-04) Water Sampled: 07/27/00 10:55 Received: 07/28/00 12:14									
Diesel Range Hydrocarbons	**0.119**	0.0500	mg/l	1	0H04031	08/04/00	08/08/00	DHS LUFT	D-15
Surrogate: n-Pentacosane		*118 %*	*50-150*		"	"	"	"	

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Blaine Tech Services (Shell)	Project: 350 Grand Ave.	
1680 Rogers Avenue	Project Number: 350 Grand Ave./ Oakland	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	08/15/00 13:13

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

Sequoia Analytical - San Carlos

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S-1 (MJG0851-01) Water Sampled: 07/27/00 12:35 Received: 07/28/00 12:14									
Purgeable Hydrocarbons as Gasoline	ND	50.0	ug/l	1	0080040	08/09/00	08/09/00	DHS LUFT	
Benzene	ND	0.500	"	"	"	"	"	"	
Toluene	ND	0.500	"	"	"	"	"	"	
Ethylbenzene	ND	0.500	"	"	"	"	"	"	
Xylenes (total)	ND	0.500	"	"	"	"	"	"	
Methyl tert-butyl ether	**31.9**	5.00	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*107 %*	*70.0-130*		"	"	"	"	
S-2 (MJG0851-02) Water Sampled: 07/27/00 12:45 Received: 07/28/00 12:14									
Purgeable Hydrocarbons as Gasoline	**14900**	5000	ug/l	100	0080040	08/09/00	08/10/00	DHS LUFT	P-01
Benzene	**1250**	50.0	"	"	"	"	"	"	
Toluene	**98.8**	50.0	"	"	"	"	"	"	
Ethylbenzene	**437**	50.0	"	"	"	"	"	"	
Xylenes (total)	ND	50.0	"	"	"	"	"	"	
Methyl tert-butyl ether	**22200**	500	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*117 %*	*70.0-130*		"	"	"	"	
S-3 (MJG0851-03) Water Sampled: 07/27/00 12:15 Received: 07/28/00 12:14									
Purgeable Hydrocarbons as Gasoline	ND	50.0	ug/l	1	0080040	08/09/00	08/10/00	DHS LUFT	
Benzene	ND	0.500	"	"	"	"	"	"	
Toluene	ND	0.500	"	"	"	"	"	"	
Ethylbenzene	ND	0.500	"	"	"	"	"	"	
Xylenes (total)	ND	0.500	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.00	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*108 %*	*70.0-130*		"	"	"	"	

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885 Jarvis Drive
Morgan Hill, CA 95037
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www.sequoialabs.com

Blaine Tech Services (Shell)	Project: 350 Grand Ave.	
1680 Rogers Avenue	Project Number: 350 Grand Ave./ Oakland	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	08/15/00 13:13

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

Sequoia Analytical - San Carlos

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S-5 (MJG0851-04) Water Sampled: 07/27/00 10:55 Received: 07/28/00 12:14									
Purgeable Hydrocarbons as Gasoline	ND	50.0	ug/l	1	0080040	08/09/00	08/10/00	DHS LUFT	
Benzene	ND	0.500	"	"	"	"	"	"	
Toluene	ND	0.500	"	"	"	"	"	"	
Ethylbenzene	ND	0.500	"	"	"	"	"	"	
Xylenes (total)	ND	0.500	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.00	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*94.6 %*	*70.0-130*		"	"	"	"	

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Blaine Tech Services (Shell)	Project: 350 Grand Ave.	
1680 Rogers Avenue	Project Number: 350 Grand Ave./ Oakland	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	08/15/00 13:13

MTBE by EPA Method 8260B

Sequoia Analytical - San Carlos

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S-2 (MJG0851-02) Water Sampled: 07/27/00 12:45 Received: 07/28/00 12:14									
Methyl tert-butyl ether	**30200**	500	ug/l	250	0080048	08/10/00	08/10/00	EPA 8260A	
Surrogate: 1,2-Dichloroethane-d4		*109 %*	*76.0-114*		"	"	"	"	

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Morgan Hill, CA 95037
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www.sequoialabs.com

Blaine Tech Services (Shell)	Project: 350 Grand Ave.	
1680 Rogers Avenue	Project Number: 350 Grand Ave./ Oakland	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	08/15/00 13:13

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0H04031 - EPA 3510B										
Blank (0H04031-BLK1)				Prepared: 08/04/00 Analyzed: 08/08/00						
Diesel Range Hydrocarbons	ND	0.0500	mg/l							
Surrogate: n-Pentacosane	*0.0931*		"	*0.100*		*93.1*	*50-150*			
LCS (0H04031-BS1)				Prepared: 08/04/00 Analyzed: 08/08/00						
Diesel Range Hydrocarbons	0.784	0.0500	mg/l	1.00		78.4	60-140			
Surrogate: n-Pentacosane	*0.0825*		"	*0.100*		*82.5*	*50-150*			
Matrix Spike (0H04031-MS1)		**Source: MJG0783-02**		Prepared: 08/04/00 Analyzed: 08/08/00						
Diesel Range Hydrocarbons	1.04	0.0500	mg/l	1.00	ND	104	50-150			
Surrogate: n-Pentacosane	*0.108*		"	*0.100*		*108*	*50-150*			
Matrix Spike Dup (0H04031-MSD1)		**Source: MJG0783-02**		Prepared: 08/04/00 Analyzed: 08/08/00						
Diesel Range Hydrocarbons	1.06	0.0500	mg/l	1.00	ND	106	50-150	1.90	50	
Surrogate: n-Pentacosane	*0.0994*		"	*0.100*		*99.4*	*50-150*			

Sequoia Analytical

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

Blaine Tech Services (Shell)	Project: 350 Grand Ave.	
1680 Rogers Avenue	Project Number: 350 Grand Ave./ Oakland	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	08/15/00 13:13

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

Sequoia Analytical - San Carlos

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0080040 - EPA 5030B [P/T]										
Blank (0080040-BLK1)				Prepared & Analyzed: 08/09/00						
Purgeable Hydrocarbons as Gasoline	ND	50.0	ug/l							
Benzene	ND	0.500	"							
Toluene	ND	0.500	"							
Ethylbenzene	ND	0.500	"							
Xylenes (total)	ND	0.500	"							
Methyl tert-butyl ether	ND	5.00	"							
Surrogate: a,a,a-Trifluorotoluene	*12.0*		"	*10.0*		*120*	*70.0-130*			
LCS (0080040-BS1)				Prepared & Analyzed: 08/09/00						
Benzene	9.77	0.500	ug/l	10.0		97.7	70.0-130			
Toluene	9.26	0.500	"	10.0		92.6	70.0-130			
Ethylbenzene	8.90	0.500	"	10.0		89.0	70.0-130			
Xylenes (total)	27.0	0.500	"	30.0		90.0	70.0-130			
Surrogate: a,a,a-Trifluorotoluene	*12.3*		"	*10.0*		*123*	*70.0-130*			
LCS (0080040-BS2)				Prepared & Analyzed: 08/09/00						
Purgeable Hydrocarbons as Gasoline	215	50.0	ug/l	250		86.0	70.0-130			
Surrogate: a,a,a-Trifluorotoluene	*11.2*		"	*10.0*		*112*	*70.0-130*			
Matrix Spike (0080040-MS1)		**Source: L007225-02**		Prepared & Analyzed: 08/09/00						
Benzene	9.47	0.500	ug/l	10.0	ND	94.7	60.0-140			
Toluene	9.26	0.500	"	10.0	ND	92.6	60.0-140			
Ethylbenzene	8.92	0.500	"	10.0	ND	89.2	60.0-140			
Xylenes (total)	26.6	0.500	"	30.0	ND	88.7	60.0-140			
Surrogate: a,a,a-Trifluorotoluene	*11.7*		"	*10.0*		*117*	*70.0-130*			
Matrix Spike Dup (0080040-MSD1)		**Source: L007225-02**		Prepared & Analyzed: 08/09/00						
Benzene	9.93	0.500	ug/l	10.0	ND	99.3	60.0-140	4.74	25.0	
Toluene	9.80	0.500	"	10.0	ND	98.0	60.0-140	5.67	25.0	
Ethylbenzene	9.64	0.500	"	10.0	ND	96.4	60.0-140	7.76	25.0	
Xylenes (total)	29.1	0.500	"	30.0	ND	97.0	60.0-140	8.94	25.0	
Surrogate: a,a,a-Trifluorotoluene	*11.9*		"	*10.0*		*119*	*70.0-130*			

Sequoia Analytical

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

Blaine Tech Services (Shell)	Project: 350 Grand Ave.	
1680 Rogers Avenue	Project Number: 350 Grand Ave./ Oakland	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	08/15/00 13:13

MTBE by EPA Method 8260B - Quality Control

Sequoia Analytical - San Carlos

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0080048 - EPA 5030B [P/T]										
Blank (0080048-BLK1)				Prepared & Analyzed: 08/10/00						
Methyl tert-butyl ether	ND	2.00	ug/l							
Surrogate: 1,2-Dichloroethane-d4	*50.9*		"	*50.0*		*102*	*76.0-114*			
LCS (0080048-BS1)				Prepared & Analyzed: 08/10/00						
Methyl tert-butyl ether	52.3	2.00	ug/l	50.0		105	70.0-130			
Surrogate: 1,2-Dichloroethane-d4	*53.3*		"	*50.0*		*107*	*76.0-114*			

Sequoia Analytical

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Blaine Tech Services (Shell)	Project: 350 Grand Ave.	
1680 Rogers Avenue	Project Number: 350 Grand Ave./ Oakland	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	08/15/00 13:13

Notes and Definitions

D-15	Chromatogram Pattern: Unidentified Hydrocarbons C9-C24
P-01	Chromatogram Pattern: Gasoline C6-C12
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

BLAINE TECH SERVICES INC.

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

CHAIN OF CUSTODY 000727-J2

CLIENT: Equiva - Karen Petryna

SITE: 350 Grand Ave.
Oakland, CA

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 MJG0851

Incident # 98995755

Send report to Blaine Tech Services
Attn: Ann Pember

SAMPLE I.D.	Date	Time	MATRIX S = SOIL W = H2O	CONTAINERS TOTAL	40 mlVOA HCl	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-1	7-27	1235	W	5	HCl		X	X		X		01				
S-2		12:45		5			X	X		X		02	"Confirm Highest MTBE			
S-3		1215		5			X	X		X		03	Hit by 8260"			
~~S-4~~				~~4~~			~~X~~	~~X~~		X						
S-5		1055		4			X	X		X		04				

SAMPLING COMPLETED: DATE 7-27 TIME

SAMPLING PERFORMED BY: Josh Kerns

RESULTS NEEDED NO LATER THAN: standard

RELEASED BY	DATE 7/28/00	TIME 9:08	RECEIVED BY	DATE 7/28/00	TIME 9:08
RELEASED BY	DATE 7/28/00	TIME	RECEIVED BY	DATE 7/28/00	TIME 1214
RELEASED BY	DATE	TIME	RECEIVED BY	DATE	TIME

SHIPPED VIA | DATE SENT | TIME SENT | COOLER #

Sequoia
Analytical

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

16 August, 2000

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

RE: 350 Grand Ave.
Sequoia Report: MJH0149

Enclosed are the results of analyses for samples received by the laboratory on 08/03/00 13:57. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Ted Terrasas
Project Manager

CA ELAP Certificate #1210

Sequoia Analytical

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

Blaine Tech Services (Shell)	Project: 350 Grand Ave.	
1680 Rogers Avenue	Project Number: 350 Grand Ave./ Oakland	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	08/16/00 11:09

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
S-4	MJH0149-01	Water	08/02/00 10:50	08/03/00 13:57

Ted Terresas, Project Manager

Sequoia Analytical

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

Blaine Tech Services (Shell)	Project: 350 Grand Ave.	
1680 Rogers Avenue	Project Number: 350 Grand Ave./ Oakland	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	08/16/00 11:09

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

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S-4 (MJH0149-01) Water Sampled: 08/02/00 10:50 Received: 08/03/00 13:57									
Purgeable Hydrocarbons	ND	50.0	ug/l	1	0H14002	08/14/00	08/14/00	DHS LUFT	A-01
Benzene	ND	0.500	"	"	"	"	"	"	A-01
Toluene	ND	0.500	"	"	"	"	"	"	A-01
Ethylbenzene	ND	0.500	"	"	"	"	"	"	A-01
Xylenes (total)	ND	0.500	"	"	"	"	"	"	A-01
Methyl tert-butyl ether	ND	2.50	"	"	"	"	"	"	A-01
Surrogate: a,a,a-Trifluorotoluene		*83.9 %*	*70-130*		"	"	"	"	*A-01*

Sequoia Analytical

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

Blaine Tech Services (Shell)	Project: 350 Grand Ave.	
1680 Rogers Avenue	Project Number: 350 Grand Ave./ Oakland	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	08/16/00 11:09

Diesel Hydrocarbons (C9-C24) by DHS LUFT

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S-4 (MJH0149-01) Water Sampled: 08/02/00 10:50 Received: 08/03/00 13:57									
Diesel Range Hydrocarbons	**0.265**	0.0595	mg/l	1	0H11032	08/11/00	08/15/00	DHS LUFT	D-15
Surrogate: n-Pentacosane		*114 %*	*50-150*		"	"	"	"	

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1680 Rogers Avenue	Project Number: 350 Grand Ave./ Oakland	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	08/16/00 11:09

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

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0H14002 - EPA 5030B [P/T]										
Blank (0H14002-BLK1)				Prepared & Analyzed: 08/14/00						
Purgeable Hydrocarbons	ND	50.0	ug/l							
Benzene	ND	0.500	"							
Toluene	ND	0.500	"							
Ethylbenzene	ND	0.500	"							
Xylenes (total)	ND	0.500	"							
Methyl tert-butyl ether	ND	2.50	"							
Surrogate: a,a,a-Trifluorotoluene	*8.55*		"	*10.0*		*85.5*	*70-130*			
LCS (0H14002-BS1)				Prepared & Analyzed: 08/14/00						
Benzene	10.6	0.500	ug/l	10.0		106	70-130			
Toluene	10.4	0.500	"	10.0		104	70-130			
Ethylbenzene	10.4	0.500	"	10.0		104	70-130			
Xylenes (total)	31.7	0.500	"	30.0		106	70-130			
Surrogate: a,a,a-Trifluorotoluene	*8.90*		"	*10.0*		*89.0*	*70-130*			
Matrix Spike (0H14002-MS1)		**Source: MJH0198-03**		Prepared & Analyzed: 08/14/00						
Benzene	10.4	0.500	ug/l	10.0	ND	104	60-140			
Toluene	10.2	0.500	"	10.0	ND	102	60-140			
Ethylbenzene	10.2	0.500	"	10.0	ND	102	60-140			
Xylenes (total)	31.1	0.500	"	30.0	ND	104	60-140			
Surrogate: a,a,a-Trifluorotoluene	*8.82*		"	*10.0*		*88.2*	*70-130*			
Matrix Spike Dup (0H14002-MSD1)		**Source: MJH0198-03**		Prepared & Analyzed: 08/14/00						
Benzene	10.4	0.500	ug/l	10.0	ND	104	60-140	0	25	
Toluene	10.3	0.500	"	10.0	ND	103	60-140	0.976	25	
Ethylbenzene	10.3	0.500	"	10.0	ND	103	60-140	0.976	25	
Xylenes (total)	31.4	0.500	"	30.0	ND	105	60-140	0.960	25	
Surrogate: a,a,a-Trifluorotoluene	*8.74*		"	*10.0*		*87.4*	*70-130*			

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Blaine Tech Services (Shell)	Project: 350 Grand Ave.	
1680 Rogers Avenue	Project Number: 350 Grand Ave./ Oakland	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	08/16/00 11:09

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0H11032 - EPA 3510B										
Blank (0H11032-BLK1)				Prepared: 08/11/00 Analyzed: 08/15/00						
Diesel Range Hydrocarbons	ND	0.0500	mg/l							
Surrogate: n-Pentacosane	*0.0961*		"	*0.100*		*96.1*	*50-150*			
LCS (0H11032-BS1)				Prepared: 08/11/00 Analyzed: 08/15/00						
Diesel Range Hydrocarbons	0.884	0.0500	mg/l	1.00		88.4	60-140			
Surrogate: n-Pentacosane	*0.0962*		"	*0.100*		*96.2*	*50-150*			
Matrix Spike (0H11032-MS1)		**Source: MJH0330-02**		Prepared: 08/11/00 Analyzed: 08/15/00						
Diesel Range Hydrocarbons	0.983	0.0500	mg/l	1.00	ND	98.3	50-150			
Surrogate: n-Pentacosane	*0.101*		"	*0.100*		*101*	*50-150*			
Matrix Spike Dup (0H11032-MSD1)		**Source: MJH0330-02**		Prepared: 08/11/00 Analyzed: 08/15/00						
Diesel Range Hydrocarbons	0.827	0.0500	mg/l	1.00	ND	82.7	50-150	17.2	50	
Surrogate: n-Pentacosane	*0.0840*		"	*0.100*		*84.0*	*50-150*			

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Blaine Tech Services (Shell)	Project: 350 Grand Ave.	
1680 Rogers Avenue	Project Number: 350 Grand Ave./ Oakland	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	08/16/00 11:09

Notes and Definitions

A-01	There was no closing blank for this sample.
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
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 000907-I2

CLIENT: Equiva - Karen Petryna

SITE: 350 Grand Ave.
Oakland, CA

LAB: SEQUOIA

DHS #:

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

☐ EPA ☐ RWQCB REGION ____
☐ LIA
☐ OTHER MJH0149

SPECIAL INSTRUCTIONS

Send invoice to Equiva

Incident # 98995755

Send report to Blaine Tech Services

Attn: ~~Ann Pember~~ Nick Sudano

SAMPLE I.D.			MATRIX (S = SOIL, W = H2O)	CONTAINERS TOTAL	C - COMPOSITE ALL CONTAINERS	CONDUCT ANALYSIS TO DETECT: TPH - gas, BTEX	MTBE by 8020	MTBE by 8260	TPH-diesel	Oxygenates by 8260	ADD'L INFORMATION	STATUS	CONDITION	LAB SAMPLE #
S-4	8-2	1050	W	4		X	X		X					3157

SAMPLING COMPLETED: DATE 8-2 TIME 1050

SAMPLING PERFORMED BY Patrick F

RESULTS NEEDED NO LATER THAN as contracted

RELEASED BY	DATE	TIME	RECEIVED BY	DATE	TIME
Patrick Hall	8/3/00	7:55		8/3/00	7:55
	8/3/00				

SHIPPED VIA | DATE SENT | TIME SENT | COOLER #

WELL GAUGING DATA

Project # 000802-I2 Date 8-2-00 Client equiva

Site 260 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					8.05	14.88	TOB	

EQUIVA WELL MONITORING DATA SHEET

Project #: 000802-I2	Job # 204.5510.0204
Sampler: B, F.	Date: 8-2-00
Well I.D.: S-4	Well Diameter: 2 3 4 6 8 (1)
Total Well Depth: 141.88	Depth to Water: 8.05
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)

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

Sampling Method: Bailer / Extraction Port / Other: pin bailer

.04

(1 case) .27 X 3 Specified Volumes = .81 Gals. Calculated Volume

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
1015	73.5	6.4	1040	7200	.30	
1016	73.1	6.4	1030	7200	.60	
1017	73.0	6.3	1030	7200	.90	well dewatered
						@ last parameter
						returned @ 1045 DTW @ 10.59

Did well dewater? (Yes) No — Gallons actually evacuated: .90

Sampling Time: 1050 — Sampling Date: 8-2-00

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

WELL GAUGING DATA

Project # 000727-S2 Date 7-27-00 Client Equiva.

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					7.34	17.70 ~~14.91~~	TOB	
S-2	3					7.94	15.10		
S-3	3					6.54	16.07		
S-4	1	* could not access / car parked over well				~~7.09~~	~~14.91~~		
S-5	1					7.41	13.39		

(5)

EQUIVA WELL MONITORING DATA SHEET

Project #: 000727-J2	Job # 204.5516.0204
Sampler: ~~P.F.~~ Josh	Date: 7-27-00
Well I.D.: S - 1	Well Diameter: 2 (3) 4 6 8 ___
Total Well Depth: ~~17.70~~ 17.70	Depth to Water: 7.34
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: ___

3.8 (1 Case Volume (Gals.)) X 3 (Specified Volumes) = 11.4 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
1230	76.8	7.1	448	>200	4	
1231	75.0	7.1	518	>200	8	
1232	74.6	7.0	542	>200	12	

Did well dewater? Yes (No)	Gallons actually evacuated: 12
Sampling Time: 1235	Sampling Date: 7-27-00
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: 1.6 mg/L
O.R.P. (if req'd): Pre-purge: ___ mV	Post-purge: ___ mV

(5)

EQUIVA WELL MONITORING DATA SHEET

Project #: 000727-J2	Job # 704.5510.0204
Sampler: ~~R.F.~~ Josh	Date: 7-27-00
Well I.D.: S-2	Well Diameter: 2 (3) 4 6 8 ___
Total Well Depth: 15.10	Depth to Water: 7.94
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

Purge Method: Bailer / Middleburg / Electric Submersible ✓ / Extraction Pump / Other: _____

Sampling Method: Bailer ✓ / Extraction Port / Other: _____

2.6 (1 Case Volume (Gals.)) X 3 (Specified Volumes) = 7.8 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
1242	76.4	7.1	647	>200	3	odor
1243	76.1	6.9	766	>200	6	"
1244	76.2	6.9	851	>200	8	"

Did well dewater? Yes (No)	Gallons actually evacuated: 8
Sampling Time: 1245	Sampling Date: 7-27-00
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: 2.0 mg/L
O.R.P. (if req'd): Pre-purge: mV	Post-purge: mV

(5)

EQUIVA WELL MONITORING DATA SHEET

Project #: 000727-J2	Job # 204.5510.0204
Sampler: ~~P.F.~~ Josh	Date: 7-27-00
Well I.D.: S-3	Well Diameter: 2 (3) 4 6 8 ___
Total Well Depth: 15.07	Depth to Water: 6.54
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: ___

3.16 (1 Case Volume (Gals.)) X 3 (Specified Volumes) = 9.5 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
1209	71.7	7.4	1135	>200	3.5	
1210	71.7	7.3	552	>200	7.0	
1211	72.2	7.3	502	>200	10.0	

Did well dewater? Yes (No) Gallons actually evacuated: 10.0

Sampling Time: 1215 Sampling Date: 7-27-00

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: 1.7 mg/L

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

EQUIVA WELL MONITORING DATA SHEET

Project #: 000727-J2	Job # 204.5510.0204
Sampler: L.F. Josh	Date: 7-27-00
Well I.D.: S-4	Well Diameter: 2 3 4 6 8 1
Total Well Depth:	Depth to Water:
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	D.O. Meter (if req'd): YSI HACH

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 3 (Specified Volumes) = _____ Gals. (Calculated Volume)

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
	*Car parked over well - could not access.					

Did well dewater? Yes No		Gallons actually evacuated:	
Sampling Time:		Sampling Date: 7-26-00	
Sample I.D.: S-		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

(5)

EQUIVA WELL MONITORING DATA SHEET

Project #: 000727-J2	Job # 204.5510.0204
Sampler: ~~R.F.~~ Josh	Date: 7-27-00
Well I.D.: S-5	Well Diameter: 2 3 4 6 8 1
Total Well Depth: 13.39	Depth to Water: 7.41
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

Purge Method: Bailer ✓ Middleburg / Electric Submersible / Extraction Pump

Other: Teflon tube + check valve

Sampling Method: Bailer ✓ Extraction Port

Other: _____

0.2	X	3	=	0.6 Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
1045	65.7	7.0	1010	>200	0.2	
1048	67.3	7.0	939	>200	0.4	
1050	67.2	7.0	943	>200	0.6	

Did well dewater? Yes (No) Gallons actually evacuated: 0.6

Sampling Time: 1055 Sampling Date: 7-27-00

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: 2.0 mg/L

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