CAMBRIA

June 21, 1999

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

Re: **First Quarter 1999 Monitoring Report**
Shell-branded Service Station
1285 Bancroft Avenue
San Leandro, California
Incident #98996067
Cambria Project #24-314-199

Dear Ms. Shin:

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.

FIRST QUARTER 1999 ACTIVITIES

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

Groundwater Sample Analysis: Additional groundwater analysis was requested in the Alameda County Health Care Services Agency (ACHCSA) letter to Equiva dated December 30, 1998. The following chemical analyses were performed during the first quarter sampling event:

- Total petroleum hydrocarbons as gasoline (TPHg) by EPA Method 8015M/8020M;
- Benzene, toluene, ethyl benzene, and xylenes (BTEX) by EPA Method 8015M/8020M;
- Methyl tert-butyl ether (MTBE) by EPA Method 8015M/8020M and confirmed with EPA Method 8260;
- Tertiary butyl alcohol (TBA), tertiary amyl methyl ether (TAME), di-isopropyl ether (DIPE), ethyl tertiary butyl ether (ETBE) by EPA Method 8260;
- 1,2-Dibromoethane (EDB) and 1,2-Dichloroethane (EDC) by EPA Method 8010B.

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

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Ms. Juliet Shin
June 21, 1999

ANTICIPATED SECOND QUARTER 1999 ACTIVITIES

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

Monitoring Well Installations: Four groundwater monitoring wells (MW-5, MW-6, MW-7, and MW-8, Figure 1) were installed on May 17 through 19, 1999 and developed on May 28, 1999. Wells MW-5, MW-6, MW-7 and MW-8 will be sampled quarterly beginning in the third quarter of 1999. Chemical analysis and frequency will include the following:

- Total petroleum hydrocarbons as gasoline (TPHg) by EPA Method 8015M/8020M, quarterly;
- Benzene, toluene, ethyl benzene, and xylenes (BTEX) by EPA Method 8015M/8020M, quarterly;
- Methyl tert-butyl ether (MTBE) by EPA Method 8015M/8020M and confirmed with EPA Method 8260, one time event only in third quarter, 1999. Subsequent quarterly sampling events by EPA Method 8015M/8020M with the highest MTBE concentrations for all site wells confirmed by EPA Method 8260;
- Tertiary butyl alcohol (TBA), tertiary amyl methyl ether (TAME), diisopropyl ether (DIPE), ethyl tertiary butyl ether (ETBE) by EPA Method 8260, one time only in the third quarter of 1999;
- 1,2-Dibromoethane (EDB) and 1,2-Dichloroethane (EDC) by EPA Method 8010B, one time only in the third quarter of 1999.

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 - Ground Water Elevation Contour Map
Table: 1 - Ground Water Analytical Data - Oxygenate Compounds
Attachment: A - Blaine Ground Water Monitoring Report

cc: Karen Petryna, Equiva Services LLC, P.O. Box 6249, Carson, California 90749-6249
Mike Bakaldin, City of San Leandro, 835 East 14th Street, San Leandro, California 94577

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06/21/99

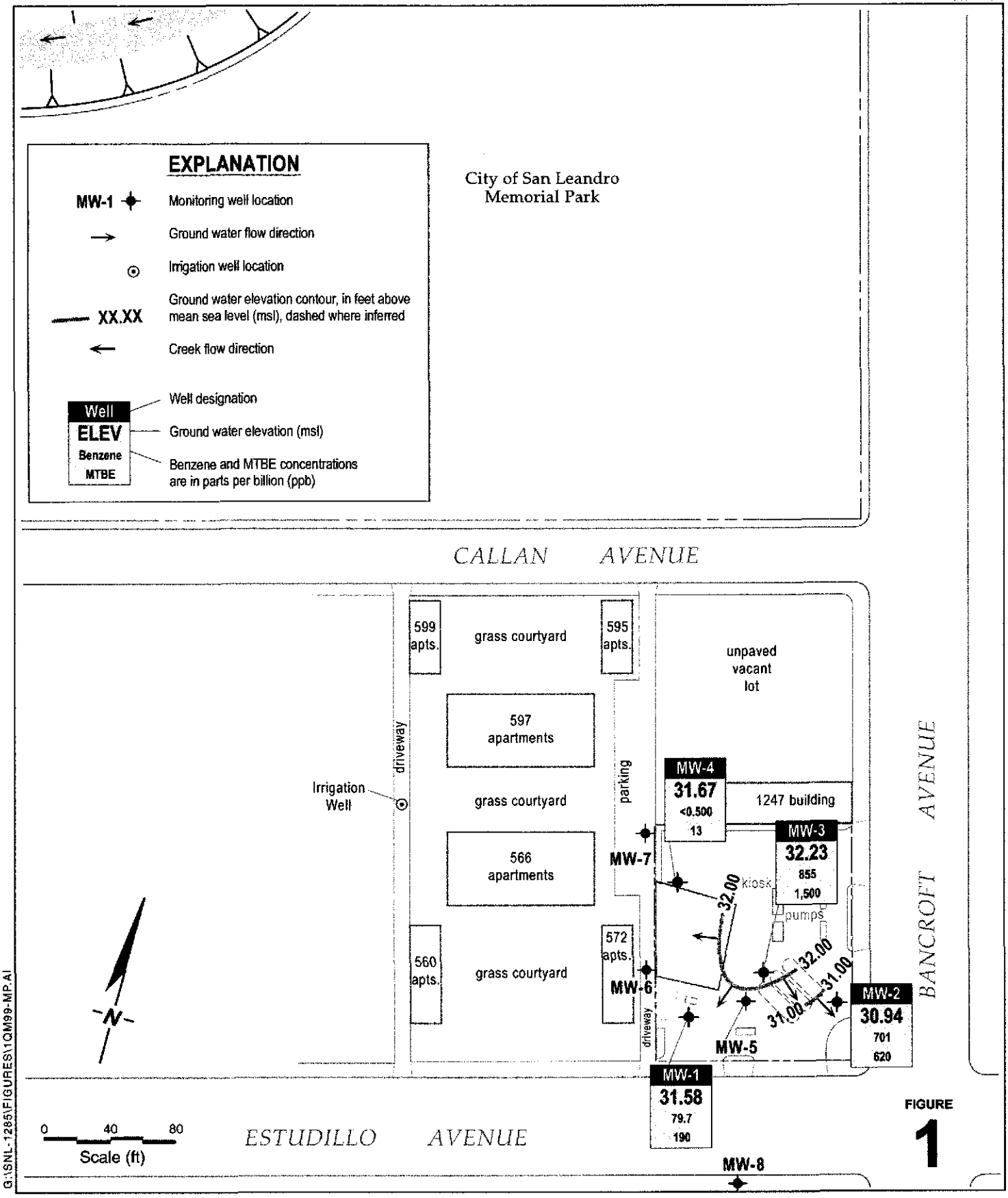

FIGURE
1

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Shell-branded Service Station
1285 Bancroft Avenue
San Leandro, California
Incident #98996067

CAMBRIA

Ground Water Elevation Contour Map

January 22, 1999

Table 1. **Ground Water Analytical Data - Oxygenate Compounds -** Shell-branded Service Station Incident #98996067 - 1285 Bancroft Avenue, San Leandro, California

Sample ID	Date Sampled	1,2-DCA	EDB	MTBE by EPA 8020	MTBE by EPA 8260	Ethanol	t-Butanol	DIPE	ETBE	TAME	D.O. (ppm)
		← (Concentrations in ppb) →									
MW-1	01/22/99	<2.50	<2.50	193	190	<500	<100	<2.0	<2.0	<2.0	1.2
MW-2	01/22/99	<100	<100	772	620	<500	<100	<2.0	<2.0	<2.0	1.0
MW-3	01/22/99	<100	<100	1,850	1,500	<500	<100	<2.0	<2.0	<2.0	0.8
MW-4	01/22/99	<0.500	<0.500	7.10	13	<500	<100	<2.0	<2.0	<2.0	1.6

Abbreviations and Notes:

1,2-DCA = 1,2-dichloroethane by EPA Method 8010
EDB = Ethylene dibromide by EPA Method 8010
MTBE = Methyl tert-butyl ether by EPA Method 8020 or 8260
Ethanol and t-Butanol by EPA Method 8260
DIPE = Di-isopropyl ether by EPA Method 8260
ETBE = Ethyl tert-butyl ether by EPA Method 8260
TAME = Tert-amyl methyl ether by EPA Method 8260
D.O. = Dissolved oxygen, measured post-purge
ppb = Parts per billion
ppm = Parts per million
<n = Below detection limit of **n** ppb
--- = Not analyzed

ATTACHMENT A

Blaine Ground Water Monitoring Report

BLAINE
TECH SERVICES INC.

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

April 13, 1999

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

First Quarter 1999 Groundwater Monitoring at
Shell-branded Service Station
1285 Bancroft
San Leandro, CA

Monitoring performed on January 22, 1999

Groundwater Monitoring Report **990122-T-3**

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/ld

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

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

WELL CONCENTRATIONS
Shell-branded Service Station
1285 Bancroft
San Leandro, CA
Wic #204-6852-0703

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)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
MW-1	03/13/1990	NA	NA	NA	NA	NA	NA	NA	NA	66.29	42.65	23.64	NA
MW-1	06/12/1990	NA	NA	NA	NA	NA	NA	NA	NA	66.29	43.14	23.15	NA
MW-1	09/13/1990	NA	NA	NA	NA	NA	NA	NA	NA	66.29	44.71	21.58	NA
MW-1	12/18/1990	NA	NA	NA	NA	NA	NA	NA	NA	66.29	45.23	21.06	NA
MW-1	03/07/1991	NA	NA	NA	NA	NA	NA	NA	NA	66.29	43.32	22.97	NA
MW-1	06/07/1991	NA	NA	NA	NA	NA	NA	NA	NA	66.29	42.18	24.11	NA
MW-1	09/17/1991	50a	160a	<0.5	<0.5	<0.5	<0.5	NA	NA	66.29	44.85	21.44	NA
MW-1	03/01/1992	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	66.29	41.56	24.73	NA
MW-1	06/03/1992	<50	NA	0.8	<0.5	0.9	<0.5	NA	NA	66.29	40.74	25.55	NA
MW-1	09/01/1992	<50	NA	<0.5	5.8	5.3	7.2	NA	NA	66.29	43.05	23.24	NA
MW-1	12/07/1992	68	NA	<0.5	0.8	<0.5	1.2	NA	NA	66.29	44.19	22.10	NA
MW-1	03/01/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	66.29	34.96	31.33	NA
MW-1 (D)	03/01/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	66.29	34.96	31.33	NA
MW-1	06/22/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	66.29	36.75	29.54	NA
MW-1	09/09/1993	200a	NA	16	5.2	2	<0.5	NA	NA	66.29	39.36	26.93	NA
MW-1	12/13/1993	89a	NA	3.4	<0.5	<0.5	<0.5	NA	NA	66.29	40.74	25.55	NA
MW-1	03/03/1994	65a	NA	2.6	<0.5	<0.5	<0.5	NA	NA	66.29	38.40	27.89	NA
MW-1	07/27/1994	180	NA	30	1.8	2.6	5	NA	NA	66.90	40.49	26.41	NA
MW-1 (D)	07/27/1994	240	NA	25	2.2	2.2	4	NA	NA	66.90	40.49	26.41	NA
MW-1	08/09/1994	NA	NA	NA	NA	NA	NA	NA	NA	66.90	40.84	26.06	NA
MW-1	10/05/1994	<50	NA	<0.3	<0.3	<0.3	<0.6	NA	NA	66.90	41.98	24.92	NA
MW-1	11/11/1994	NA	NA	NA	NA	NA	NA	NA	NA	66.90	41.34	25.56	NA
MW-1	12/29/1994	NA	NA	NA	NA	NA	NA	NA	NA	66.90	42.06	24.84	NA
MW-1	01/04/1995	<50	NA	2.4	<0.5	<0.5	<0.5	NA	NA	66.90	39.90	27.00	NA
MW-1 (D)	01/04/1995	<50	NA	2.5	<0.5	<0.5	<0.5	NA	NA	66.90	39.90	27.00	NA
MW-1	04/14/1995	<50	NA	<0.5	0.5	<0.5	<0.5	NA	NA	66.90	31.02	35.88	NA
MW-1 (D)	04/14/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	66.90	31.02	35.88	NA

WELL CONCENTRATIONS
Shell-branded Service Station
1285 Bancroft
San Leandro, CA
Wic #204-6852-0703

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)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
MW-1	07/12/1995	<50	NA	1.2	0.8	<0.5	<0.5	NA	NA	66.90	34.61	32.29	NA
MW-1	12/14/1995	380	NA	230	9	1.1	49	NA	NA	66.90	39.24	27.66	NA
MW-1	01/10/1996	60	NA	3.5	<0.5	<0.5	0.5	NA	NA	66.90	38.34	28.56	NA
MW-1	04/25/1996	<50	NA	3.3	2.4	1.2	5.4	NA	NA	66.90	31.95	34.95	NA
MW-1	07/09/1996	810	NA	29	7.3	<5.0	11	1,800	NA	66.90	34.45	32.45	NA
MW-1	10/02/1996	<125	NA	3.1	<1.2	<1.2	<1.2	960	NA	66.90	37.72	29.18	NA
MW-1	01/09/1997	<250	NA	<2.5	<2.5	<2.5	<2.5	510	NA	66.90	32.25	34.65	NA
MW-1	04/09/1997	<50	NA	<0.5	<0.5	<0.5	<0.5	130	NA	66.90	32.90	34.00	NA
MW-1	07/02/1997	<250	NA	60	7.6	4.2	18	1,300	NA	66.90	36.65	30.25	NA
MW-1	10/24/1997	<500	NA	140	<5.0	12	40	2,600	NA	66.90	39.75	27.15	4.5
MW-1	01/08/1998	<50	NA	<0.50	<0.50	<0.50	<0.50	170	NA	66.90	36.31	30.59	4
MW-1 b	04/14/1998	72	NA	0.82	4.9	1.8	13	2.7	NA	66.90	26.37	40.53	2.2
MW-1	07/15/1998	<50	NA	2.5	1.5	<0.50	<0.50	12	NA	66.90	31.23	35.67	2.4
MW-1	10/13/1998	<50	NA	3.2	0.69	<0.50	1.1	29	NA	66.90	35.69	31.21	1.3
MW-1	01/22/1999	567	NA	79.7	120	21.4	99.9	193	190	66.90	35.32	31.58	1.2
MW-2	03/01/1992	910	<50	11	5.2	50	140	NA	NA	66.91	41.57	25.34	NA
MW-2	06/03/1992	1,400	NA	33	16	150	240	NA	NA	66.91	40.56	26.35	NA
MW-2	09/01/1992	230	NA	5.2	4.1	15	19	NA	NA	66.91	42.94	23.97	NA
MW-2 (D)	09/01/1992	320	NA	5.6	5	18	220	NA	NA	66.91	42.94	23.97	NA
MW-2	12/07/1992	240	NA	1.5	1.3	9.5	9.9	NA	NA	66.91	44.13	22.78	NA
MW-2 (D)	12/07/1992	<50	NA	1.7	1	13	12	NA	NA	66.91	44.13	22.78	NA
MW-2	03/01/1993	230	NA	260	310	27	66	NA	NA	66.91	34.82	32.09	NA
MW-2	06/22/1993	220	NA	18	3.4	3.6	5.2	NA	NA	66.91	36.64	30.27	NA
MW-2 (D)	06/22/1993	320	NA	29	4.8	4.2	6.1	NA	NA	66.91	36.64	30.27	NA
MW-2	09/09/1993	260	NA	18	4.6	16	12	NA	NA	66.91	39.24	27.67	NA
MW-2 (D)	09/09/1993	210	NA	16	3.9	14	9.1	NA	NA	66.91	39.24	27.67	NA
MW-2	12/13/1993	1,300a	NA	82	34	73	15	NA	NA	66.91	40.64	26.27	NA

WELL CONCENTRATIONS
Shell-branded Service Station
1285 Bancroft
San Leandro, CA
Wic #204-6852-0703

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)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
MW-2 (D)	12/13/1993	1,400a	NA	110	45	72	19	NA	NA	66.91	40.64	26.27	NA
MW-2	03/03/1994	9,600	NA	1,200	600	390	710	NA	NA	66.91	38.98	27.93	NA
MW-2 (D)	03/03/1994	10,000	NA	930	500	330	590	NA	NA	66.91	38.98	27.93	NA
MW-2	07/27/1994	190	NA	<0.5	1	<0.5	<0.5	NA	NA	66.91	40.40	26.51	NA
MW-2	08/09/1994	1,500	NA	53.5	12.4	46.2	44	NA	NA	66.91	40.71	26.20	NA
MW-2	10/05/1994	<485	NA	<0.3	<0.3	<0.3	<0.6	NA	NA	66.91	41.89	25.02	NA
MW-2	11/11/1994	NA	NA	NA	NA	NA	NA	NA	NA	66.91	41.22	25.69	NA
MW-2	12/29/1994	NA	NA	NA	NA	NA	NA	NA	NA	66.91	41.99	24.92	NA
MW-2	01/04/1995	1,300	NA	150	35	23	51	NA	NA	66.91	39.81	27.10	NA
MW-2	04/14/1995	5,000	NA	1,000	340	400	810	NA	NA	66.91	30.83	36.08	NA
MW-2	07/12/1995	4,500	NA	440	170	170	290	NA	NA	66.91	34.50	32.41	NA
MW-2 (D)	07/12/1995	4,300	NA	430	160	160	280	NA	NA	66.91	34.50	32.41	NA
MW-2	12/14/1995	37,000	NA	1,800	7,600	1,000	6,700	NA	NA	66.91	39.22	27.69	NA
MW-2 (D)	12/14/1995	34,000	NA	1,800	6,600	1,000	6,500	NA	NA	66.91	39.22	27.69	NA
MW-2	01/10/1996	69,000	NA	1,000	3,200	510	3,300	NA	NA	66.91	38.22	28.69	NA
MW-2 (D)	01/10/1996	78,000	NA	1,100	3,500	560	3,600	NA	NA	66.91	38.22	28.69	NA
MW-2	04/25/1996	11,000	NA	820	880	210	1,400	NA	NA	66.91	31.78	35.13	NA
MW-2 (D)	04/25/1996	9,300	NA	690	710	160	1,200	NA	NA	66.91	31.78	35.13	NA
MW-2	07/09/1996	100,000	NA	15,000	24,000	1,700	9,900	70,000	NA	66.91	34.35	32.56	NA
MW-2 (D)	07/09/1996	86,000	NA	12,000	19,000	1,400	7,500	32,000	NA	66.91	34.35	32.56	NA
MW-2	10/02/1996	82,000	NA	20,000	32,000	1,800	9,100	40,000	NA	66.91	37.56	29.35	NA
MW-2 (D)	10/02/1996	89,000	NA	19,000	31,000	1,700	8,900	42,000	NA	66.91	37.56	29.35	NA
MW-2	01/09/1997	17,000	NA	710	2,300	350	2,200	4,000	NA	66.91	32.07	34.84	NA
MW-2 (D)	01/09/1997	12,000	NA	490	1,300	260	1,800	2,800	NA	66.91	32.07	34.84	NA
MW-2	04/09/1997	20,000	NA	970	3,500	330	2,000	3,200	NA	66.91	32.78	34.13	NA
MW-2	07/02/1997	28,000	NA	1,700	8,700	550	3,000	5,500	NA	66.91	36.56	30.35	NA
MW-2 (D)	07/02/1997	32,000	NA	2,000	11,000	680	3,800	6,400	NA	66.91	36.56	30.35	NA
MW-2	10/24/1997	14,000	NA	460	1,000	300	2,000	3,000	NA	66.91	39.74	27.17	3.2

WELL CONCENTRATIONS
Shell-branded Service Station
1285 Bancroft
San Leandro, CA
Wic #204-6852-0703

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)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
MW-2 (D)	10/24/1997	14,000	NA	420	980	270	2,000	2,800	NA	66.91	39.74	27.17	3.2
MW-2	01/08/1998	180	NA	2.8	1.6	<0.50	<0.50	7.6	NA	66.91	36.13	30.78	3.6
MW-2 b	04/14/1998	12,000	NA	92	1,500	260	1,900	110	NA	66.91	26.15	40.76	4.6
MW-2	07/15/1998	36,000	NA	250	5,600	830	6,000	6,800	NA	66.91	31.14	35.77	4.8
MW-2 (D)	07/15/1998	35,000	NA	230	5,600	860	600	570	NA	66.91	31.14	35.77	4.8
MW-2	10/13/1998	100	NA	7	12	3.7	10	5.8	NA	66.91	36.14	30.77	0.8
MW-2	01/22/1999	21000	NA	701	3330	960	5420	772	620	66.91	35.97	30.94	1.0
MW-3	03/01/1992	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	66.31	42.00	24.31	NA
MW-3	06/03/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	66.31	44.30	22.01	NA
MW-3	09/01/1992	<50	NA	<0.5	<0.5	1.1	3.2	NA	NA	66.31	43.62	22.69	NA
MW-3	12/07/1992	52	NA	<0.5	<0.5	<0.5	0.5	NA	NA	66.31	44.77	21.54	NA
MW-3	03/01/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	66.31	35.50	30.81	NA
MW-3	06/22/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	66.31	37.30	29.01	NA
MW-3	09/09/1993	50a	NA	5	<0.5	<0.5	<0.5	NA	NA	66.31	39.90	26.41	NA
MW-3	12/13/1993	120a	NA	7.5	<0.5	1.6	6.3	NA	NA	66.31	41.30	25.01	NA
MW-3	03/03/1994	<50	NA	0.81	<0.5	<0.5	<0.5	NA	NA	66.31	38.32	27.99	NA
MW-3	07/27/1994	<50	NA	3.5	<0.5	<0.5	<0.5	NA	NA	67.52	41.07	26.45	NA
MW-3	08/09/1994	NA	NA	NA	NA	NA	NA	NA	NA	67.52	41.37	26.15	NA
MW-3	10/05/1994	<57	NA	<0.3	<0.3	<0.3	<0.6	NA	NA	67.52	42.55	24.97	NA
MW-3	11/11/1994	NA	NA	NA	NA	NA	NA	NA	NA	67.52	41.86	25.66	NA
MW-3	12/29/1994	NA	NA	NA	NA	NA	NA	NA	NA	67.52	42.59	24.93	NA
MW-3	01/04/1995	<50	NA	6	<0.5	<0.5	<0.5	NA	NA	67.52	40.54	26.98	NA
MW-3	04/14/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	67.52	31.50	36.02	NA
MW-3	07/12/1995	90	NA	16	<0.5	<0.5	<0.5	NA	NA	67.52	35.14	32.38	NA
MW-3	12/14/1995	4,600	NA	460	390	34	1,000	NA	NA	67.52	39.86	27.66	NA
MW-3	01/10/1996	11,000	NA	470	460	68	670	NA	NA	67.52	39.98	27.54	NA
MW-3	04/25/1996	5,500	NA	830	910	<50	460	NA	NA	67.52	32.38	35.14	NA

WELL CONCENTRATIONS
Shell-branded Service Station
1285 Bancroft
San Leandro, CA
Wic #204-6852-0703

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)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
MW-3	07/09/1996	72,000	NA	7,600	14,000	970	5,900	59,000	NA	67.52	34.93	32.59	NA
MW-3	10/02/1996	77,000	NA	15,000	24,000	2,000	9,600	94,000	71,000	67.52	38.20	29.32	NA
MW-3	01/09/1997	130	NA	15	16	2	9.7	80	NA	67.52	32.81	34.71	NA
MW-3	04/09/1997	24,000	NA	2,900	5,300	420	2,200	4,100	NA	67.52	33.42	34.10	NA
MW-3 (D)	04/09/1997	24,000	NA	3,000	5,600	450	2,300	4,700	NA	67.52	33.42	34.10	NA
MW-3	07/02/1997	68,000	NA	7,400	18,000	1,600	8,700	16,000	NA	67.52	37.22	30.30	NA
MW-3	10/24/1997	93,000	NA	1,800	8,500	2,300	14,000	3,100	NA	67.52	40.75	26.77	1.8
MW-3	01/08/1998	16,000	NA	140	870	22	5,000	120	NA	67.52	36.90	30.62	2.1
MW-3 (D)	01/08/1998	24,000	NA	100	840	26	5,600	<100	NA	67.52	36.90	30.62	2.1
MW-3 b	04/14/1998	100,000	NA	270	5,000	2,100	17,000	890	NA	67.52	26.92	40.60	1.8
MW-3 (D) b	04/14/1998	49,000	NA	230	3,200	1,200	8,900	790	NA	67.52	26.92	40.60	1.8
MW-3	07/15/1998	31,000	NA	1,100	3,300	300	2,800	3,700	NA	67.52	31.74	35.78	2
MW-3	10/13/1998	51,000	NA	3,100	12,000	7,630	6,800	6,200	NA	67.52	35.61	31.91	2.1
MW-3 (D)	10/13/1998	88,000	NA	5,800	21,000	1,400	12,000	9,200	NA	67.52	35.61	31.91	2.1
MW-3	01/22/1999	25,100	NA	855	4,400	786	5,260	1,850	1,500	67.52	35.29	32.23	0.8

MW-4	07/27/1994	120	NA	3.4	3.9	0.6	4.9	NA	NA	68.08	41.78	26.30	NA
MW-4	08/09/1994	NA	NA	NA	NA	NA	NA	NA	NA	68.08	42.09	25.99	NA
MW-4	10/05/1994	<50	NA	<0.3	<0.3	<0.3	<0.6	NA	NA	68.08	43.25	24.83	NA
MW-4 (D)	10/05/1994	<50	NA	<0.3	<0.3	<0.3	<0.6	NA	NA	68.08	43.25	24.83	NA
MW-4	11/11/1994	NA	NA	NA	NA	NA	NA	NA	NA	68.08	42.54	25.54	NA
MW-4	12/29/1994	NA	NA	NA	NA	NA	NA	NA	NA	68.08	43.34	24.74	NA
MW-4	01/04/1995	<50	NA	1.4	<0.5	<0.5	<0.5	NA	NA	68.08	41.57	26.51	NA
MW-4	04/14/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	68.08	32.24	35.84	NA
MW-4	07/12/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	68.08	35.88	32.20	NA
MW-4	12/14/1995	70	NA	0.6	<0.5	<0.5	<0.5	NA	NA	68.08	40.54	27.54	NA
MW-4	01/10/1996	280	NA	3.7	1	<0.5	0.8	NA	NA	68.08	39.59	28.49	NA
MW-4	04/25/1996	<500	NA	63	<5.0	<5.0	<5.0	NA	NA	68.08	33.22	34.86	NA

WELL CONCENTRATIONS
Shell-branded Service Station
1285 Bancroft
San Leandro, CA
Wic #204-6852-0703

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)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
MW-4	07/09/1996	<2000	NA	160	<20	<20	<20	5,300	NA	68.08	35.70	32.38	NA
MW-4	10/02/1996	<5,000	NA	480	<50	<50	<50	19,000	NA	68.08	38.95	29.13	NA
MW-4	01/09/1997	<2,000	NA	43	<20	<20	<20	7,000	NA	68.08	33.04	35.04	NA
MW-4	04/09/1997	<2,500	NA	120	<25	<25	<25	8,100	NA	68.08	34.15	33.93	NA
MW-4	07/02/1997	<2,000	NA	81	<20	<20	<20	6,600	NA	68.08	37.92	30.16	NA
MW-4	10/24/1997	<500	NA	90	<5.0	11	6.3	3,200	NA	68.08	41.00	27.08	2.1
MW-4	01/08/1998	<50	NA	3.9	<0.50	<0.50	<0.50	1,800	NA	68.08	37.54	30.54	2.2
MW-4 b	04/14/1998	920	NA	<0.50	<0.50	<0.50	<0.50	27	NA	68.08	27.75	40.33	1.2
MW-4	07/15/1998	2,100	NA	160	76	120	190	2,600	NA	68.08	32.47	35.61	1.8
MW-4	10/13/1998	<50	NA	<0.50	<0.50	<0.50	<0.50	17	NA	68.08	36.75	31.33	1.1
MW-4	01/22/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	7.10	13	68.08	36.41	31.67	1.6

ND - for other oxygenates in all 4 wells.

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
TOC = Top of Casing Elevation
SPH = Separate-Phase Hydrocarbons
GW = Groundwater
DO = Dissolved Oxygen
ug/L = parts per billion
msl = Mean sea level
ft = Feet
<n = Below detection limit
D = Duplicate sample

WELL CONCENTRATIONS
Shell-branded Service Station
1285 Bancroft
San Leandro, CA
Wic #204-6852-0703

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)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)

Notes:

a = Chromatogram pattern indicated an unidentified hydrocarbon.

b = Equipment blank contained 80 ug/L TPH-G, 1.2 ug/L benzene, 17 ug/L toluene, 3.2 ug/L ethylbenzene, 16 ug/L xylenes, and 15 ug/L MTBE

TOC elevation of wells MW-1, MW-2, and MW-3 resurveyed March 29, 1994

Sequoia Analytical

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February 8, 1999

Fran Thie
Blaine Technical Services, Inc.
1680 Rogers Ave.
San Jose, CA 95112

RE: Shell Oil Co./P901457

Dear Fran Thie

Enclosed are the results of analyses for sample(s) received by the laboratory on January 26, 1999.

The analysis for fuel oxygenates by EPA 8260 was performed in our Sequoia Walnut Creek laboratory.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Scott Forbes
Project Manager

CA ELAP Certificate Number 2245

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Blaine Technical Services, Inc.	Project:	Shell Oil Co.	Sampled:	1/22/99
1680 Rogers Ave.	Project Number:	1285 Bancroft, San Leandro/990122-T3	Received:	1/26/99
San Jose, CA 95112	Project Manager:	Fran Thie	Reported:	2/8/99

ANALYTICAL REPORT FOR P901457

Sample Description	Laboratory Sample Number	Sample Matrix	Date Sampled
MW-1	P901457-01	Water	1/22/99
MW-2	P901457-02	Water	1/22/99
MW-3	P901457-03	Water	1/22/99
MW-4	P901457-04	Water	1/22/99

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Blaine Technical Services, Inc.	Project:	Shell Oil Co.	Sampled: 1/22/99
1680 Rogers Ave.	Project Number:	1285 Bancroft, San Leandro/990122-T3	Received: 1/26/99
San Jose, CA 95112	Project Manager:	Fran Thie	Reported: 2/8/99

Total Petroleum Hydrocarbons as Gasoline and BTEX by EPA 8015M/8020M
Sequoia Analytical - Petaluma

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
MW-1			**P901457-01**				**Water**	
Gasoline	9020068	2/3/99	2/3/99		100	**567**	ug/l	
Benzene	"	"	"		1.00	**79.7**	"	
Toluene	"	"	"		1.00	**120**	"	
Ethylbenzene	"	"	"		1.00	**21.4**	"	
Xylenes (total)	"	"	"		1.00	**99.9**	"	
Methyl tert-butyl ether	"	"	"		4.00	**193**	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*65.0-135*		*101*	%	
Surrogate: 4-Bromofluorobenzene	"	"	"	*65.0-135*		*95.3*	"	
MW-2			**P901457-02**				**Water**	
Gasoline	9020068	2/3/99	2/3/99		1000	**21000**	ug/l	
Benzene	"	"	"		10.0	**701**	"	
Toluene	"	"	"		10.0	**3330**	"	
Ethylbenzene	"	"	"		10.0	**960**	"	
Xylenes (total)	"	"	"		10.0	**5420**	"	
Methyl tert-butyl ether	"	"	"		40.0	**772**	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*65.0-135*		*99.3*	%	
Surrogate: 4-Bromofluorobenzene	"	"	"	*65.0-135*		*93.3*	"	
MW-3			**P901457-03**				**Water**	
Gasoline	9020068	2/3/99	2/3/99		2500	**25100**	ug/l	
Benzene	"	"	"		25.0	**855**	"	
Toluene	"	"	"		25.0	**4400**	"	
Ethylbenzene	"	"	"		25.0	**786**	"	
Xylenes (total)	"	"	"		25.0	**5260**	"	
Methyl tert-butyl ether	"	"	"		100	**1850**	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*65.0-135*		*102*	%	
Surrogate: 4-Bromofluorobenzene	"	"	"	*65.0-135*		*96.0*	"	
MW-4			**P901457-04**				**Water**	
Gasoline	9020068	2/3/99	2/3/99		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	"	"	"		2.00	**7.10**	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*65.0-135*		*100*	%	
Surrogate: 4-Bromofluorobenzene	"	"	"	*65.0-135*		*97.0*	"	

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Blaine Technical Services, Inc.	Project:	Shell Oil Co.	Sampled: 1/22/99
1680 Rogers Ave.	Project Number:	1285 Bancroft, San Leandro/990122-T3	Received: 1/26/99
San Jose, CA 95112	Project Manager:	Fran Thie	Reported: 2/8/99

Volatile Organic Compounds by EPA Method 8010B
Sequoia Analytical - Petaluma

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
MW-1			**P901457-01**				**Water**	1
1,2-Dibromoethane (EDB)	9020009	1/28/99	1/28/99		2.50	ND	ug/l	
1,2-Dichloroethane	"	"	"		2.50	ND	"	
Surrogate: Bromochloromethane	"	"	"	-		*92.7*	%	
Surrogate: 1,4-Dichlorobutane	"	"	"	-		*102*	"	
MW-2			**P901457-02**				**Water**	1
1,2-Dibromoethane (EDB)	9020009	1/28/99	1/28/99		100	ND	ug/l	
1,2-Dichloroethane	"	"	"		100	ND	"	
Surrogate: Bromochloromethane	"	"	"	-		*103*	%	
Surrogate: 1,4-Dichlorobutane	"	"	"	-		*102*	"	
MW-3			**P901457-03**				**Water**	1
1,2-Dibromoethane (EDB)	9020009	1/28/99	1/28/99		100	ND	ug/l	
1,2-Dichloroethane	"	"	"		100	ND	"	
Surrogate: Bromochloromethane	"	"	"	-		*100*	%	
Surrogate: 1,4-Dichlorobutane	"	"	"	-		*102*	"	
MW-4			**P901457-04**				**Water**	
1,2-Dibromoethane (EDB)	9020009	1/28/99	1/29/99		0.500	ND	ug/l	
1,2-Dichloroethane	"	"	"		0.500	ND	"	
Surrogate: Bromochloromethane	"	"	"	-		*98.3*	%	
Surrogate: 1,4-Dichlorobutane	"	"	"	-		*105*	"	

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Blaine Technical Services, Inc.	Project:	Shell Oil Co.	Sampled: 1/22/99
1680 Rogers Ave.	Project Number:	1285 Bancroft, San Leandro/990122-T3	Received: 1/26/99
San Jose, CA 95112	Project Manager:	Fran Thie	Reported: 2/8/99

Total Petroleum Hydrocarbons as Gasoline and BTEX by EPA 8015M/8020M/Quality Control
Sequoia Analytical - Petaluma

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit / Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Batch: 9020068	**Date Prepared: 2/3/99**					**Extraction Method: EPA 5030 waters**				
Blank	**9020068-BLK1**									
Gasoline	2/3/99			**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**	"	**2.00**				
Surrogate: a,a,a-Trifluorotoluene	"	*300*		*321*	"	*65.0-135*	*107*			
Surrogate: 4-Bromofluorobenzene	"	*300*		*285*	"	*65.0-135*	*95.0*			
LCS	**9020068-BS1**									
Gasoline	2/3/99	1000		906	ug/l	65.0-135	90.6			
Surrogate: 4-Bromofluorobenzene	"	*300*		*281*	"	*65.0-135*	*93.7*			
Matrix Spike	**9020068-MS1**		**P901465-01**							
Gasoline	2/3/99	1000	ND	918	ug/l	65.0-135	**91.8**			
Surrogate: 4-Bromofluorobenzene	"	*300*		*277*	"	*65.0-135*	*92.3*			
Matrix Spike Dup	**9020068-MSD1**		**P901465-01**							
Gasoline	2/3/99	1000	ND	904	ug/l	65.0-135	**90.4**	20.0	**1.54**	
Surrogate: 4-Bromofluorobenzene	"	*300*		*277*	"	*65.0-135*	*92.3*			

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Blaine Technical Services, Inc.	Project:	Shell Oil Co.	Sampled: 1/22/99
1680 Rogers Ave.	Project Number:	1285 Bancroft, San Leandro/990122-T3	Received: 1/26/99
San Jose, CA 95112	Project Manager:	Fran Thie	Reported: 2/8/99

Volatile Organic Compounds by EPA Method 8010B/Quality Control
Sequoia Analytical - Petaluma

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit / Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Batch: 9020009	**Date Prepared: 1/28/99**				**Extraction Method: EPA 5030 waters**					
Blank	**9020009-BLK1**									
Bromodichloromethane	1/28/99			ND	ug/l	0.500				
Bromoform	"			ND	"	0.500				
Bromomethane	"			ND	"	0.500				
Carbon tetrachloride	"			ND	"	0.500				
Chlorobenzene	"			ND	"	0.500				
Chloroethane	"			ND	"	0.500				
2-Chloroethylvinyl ether	"			ND	"	5.00				
Chloroform	"			ND	"	0.500				
Chloromethane	"			ND	"	0.500				
Dibromochloromethane	"			ND	"	0.500				
1,2-Dibromoethane (EDB)	"			ND	"	0.500				
1,2-Dichlorobenzene	"			ND	"	0.500				
1,3-Dichlorobenzene	"			ND	"	0.500				
1,4-Dichlorobenzene	"			ND	"	0.500				
Dichlorodifluoromethane	"			ND	"	0.500				
1,1-Dichloroethane	"			ND	"	0.500				
1,2-Dichloroethane	"			ND	"	0.500				
1,1-Dichloroethene	"			ND	"	0.500				
cis-1,2-Dichloroethene	"			ND	"	0.500				
trans-1,2-Dichloroethene	"			ND	"	0.500				
1,2-Dichloropropane	"			ND	"	0.500				
cis-1,3-Dichloropropene	"			ND	"	0.500				
trans-1,3-Dichloropropene	"			ND	"	0.500				
Freon 113	"			ND	"	0.500				
Methylene chloride	"			ND	"	0.500				
1,1,2,2-Tetrachloroethane	"			ND	"	0.500				
Tetrachloroethene	"			ND	"	0.500				
1,1,2-Trichloroethane	"			ND	"	0.500				
1,1,1-Trichloroethane	"			ND	"	0.500				
Trichloroethene	"			ND	"	0.500				
Trichlorofluoromethane	"			ND	"	0.500				
Vinyl chloride	"			ND	"	0.500				
Surrogate: Bromochloromethane	"	*30.0*		*25.8*	"		*86.0*			
Surrogate: 1,4-Dichlorobutane	"	*30.0*		*32.2*	"		*107*			
Blank	**9020009-BLK2**									
Bromodichloromethane	1/29/99			ND	ug/l	0.500				
Bromoform	"			ND	"	0.500				
Bromomethane	"			ND	"	0.500				
Carbon tetrachloride	"			ND	"	0.500				

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Blaine Technical Services, Inc.	Project:	Shell Oil Co.	Sampled: 1/22/99
1680 Rogers Ave.	Project Number:	1285 Bancroft, San Leandro/990122-T3	Received: 1/26/99
San Jose, CA 95112	Project Manager:	Fran Thie	Reported: 2/8/99

Volatile Organic Compounds by EPA Method 8010B/Quality Control
Sequoia Analytical - Petaluma

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit / Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Blank (continued)	**9020009-BLK2**									
Chlorobenzene	1/29/99			**ND**	ug/l	**0.500**				
Chloroethane	"			**ND**	"	**0.500**				
2-Chloroethylvinyl ether	"			**ND**	"	**5.00**				
Chloroform	"			**ND**	"	**0.500**				
Chloromethane	"			**ND**	"	**0.500**				
Dibromochloromethane	"			**ND**	"	**0.500**				
1,2-Dibromoethane (EDB)	"			**ND**	"	**0.500**				
1,2-Dichlorobenzene	"			**ND**	"	**0.500**				
1,3-Dichlorobenzene	"			**ND**	"	**0.500**				
1,4-Dichlorobenzene	"			**ND**	"	**0.500**				
Dichlorodifluoromethane	"			**ND**	"	**0.500**				
1,1-Dichloroethane	"			**ND**	"	**0.500**				
1,2-Dichloroethane	"			**ND**	"	**0.500**				
1,1-Dichloroethene	"			**ND**	"	**0.500**				
cis-1,2-Dichloroethene	"			**ND**	"	**0.500**				
trans-1,2-Dichloroethene	"			**ND**	"	**0.500**				
1,2-Dichloropropane	"			**ND**	"	**0.500**				
cis-1,3-Dichloropropene	"			**ND**	"	**0.500**				
trans-1,3-Dichloropropene	"			**ND**	"	**0.500**				
Freon 113	"			**ND**	"	**0.500**				
Methylene chloride	"			**ND**	"	**0.500**				
1,1,2,2-Tetrachloroethane	"			**ND**	"	**0.500**				
Tetrachloroethene	"			**ND**	"	**0.500**				
1,1,2-Trichloroethane	"			**ND**	"	**0.500**				
1,1,1-Trichloroethane	"			**ND**	"	**0.500**				
Trichloroethene	"			**ND**	"	**0.500**				
Trichlorofluoromethane	"			**ND**	"	**0.500**				
Vinyl chloride	"			**ND**	"	**0.500**				
Surrogate: Bromochloromethane	"	*30.0*		*29.5*	"		*98.3*			
Surrogate: 1,4-Dichlorobutane	"	*30.0*		*31.3*	"		*104*			
LCS	**9020009-BS1**									
Chlorobenzene	1/28/99	10.0		9.69	ug/l	65-135	96.9			
1,1-Dichloroethene	"	10.0		10.1	"	65-135	10.1			
Trichloroethene	"	10.0		9.24	"	65-135	92.4			
Surrogate: Bromochloromethane	"	*30.0*		*28.1*	"		*93.7*			
Surrogate: 1,4-Dichlorobutane	"	*30.0*		*28.4*	"		*94.7*			
LCS	**9020009-BS2**									
Chlorobenzene	1/29/99	10.0		9.83	ug/l	65-135	98.3			
1,1-Dichloroethene	"	10.0		9.25	"	65-135	92.5			

Sequoia Analytical

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1455 McDowell Blvd. North, Ste. D, Petaluma, CA 94954, (707) 792-1865, FAX (707) 792-0342

Blaine Technical Services, Inc.	Project:	Shell Oil Co.	Sampled: 1/22/99
1680 Rogers Ave.	Project Number:	1285 Bancroft, San Leandro/990122-T3	Received: 1/26/99
San Jose, CA 95112	Project Manager:	Fran Thie	Reported: 2/8/99

Volatile Organic Compounds by EPA Method 8010B/Quality Control
Sequoia Analytical - Petaluma

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
LCS (continued)	**9020009-BS2**									
Trichloroethene	1/29/99	10.0		9.33	ug/l	65-135	93.3			
Surrogate: Bromochloromethane	"	*30.0*		*27.9*	"		*93.0*			
Surrogate: 1,4-Dichlorobutane	"	*30.0*		*29.0*	"		*96.7*			
Matrix Spike	**9020009-MS1**		**P901457-04**							
Chlorobenzene	1/29/99	10.0		9.81	ug/l	65-135	**98.1**			
1,1-Dichloroethene	"	10.0		9.88	"	65-135	**98.8**			
Trichloroethene	"	10.0		8.85	"	65-135	**88.5**			
Surrogate: Bromochloromethane	"	*30.0*		*28.7*	"		*95.7*			
Surrogate: 1,4-Dichlorobutane	"	*30.0*		*29.1*	"		*97.0*			
Matrix Spike Dup	**9020009-MSD1**		**P901457-04**							
Chlorobenzene	1/29/99	10.0		9.90	ug/l	65-135	**9.90**	20	**1.0**	
1,1-Dichloroethene	"	10.0		9.76	"	65-135	**9.76**	20	**6.0**	
Trichloroethene	"	10.0		9.44	"	65-135	**9.44**	20	**2.0**	
Surrogate: Bromochloromethane	"	*30.0*		*28.6*	"		*95.3*			
Surrogate: 1,4-Dichlorobutane	"	*30.0*		*30.6*	"		*102*			

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Blaine Technical Services, Inc.	Project:	Shell Oil Co.	Sampled: 1/22/99
1680 Rogers Ave.	Project Number:	1285 Bancroft, San Leandro/990122-T3	Received: 1/26/99
San Jose, CA 95112	Project Manager:	Fran Thie	Reported: 2/8/99

Notes and Definitions

#	Note
1	The sample was diluted due to the presence of high levels of non-target analytes resulting in elevated reporting 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

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Sequoia Analytical	Client Project ID:	P901457	Sampled:	Jan 22, 1999
1455 N. McDowell Blvd., Ste. D	Sample Descript:	Water, MW-1 *	Received:	Feb 3, 1999
Petaluma, CA. 94954	Analysis Method:	EPA 8260	Analyzed:	Feb 5, 1999
Attention: Scott Forbes	Lab Number:	902-0462	Reported:	Feb 8, 1999

QC Batch Number: MS0203998260S2A

Instrument ID: GC/MS-2

OXYGENATED COMPOUNDS (EPA 8260)

Analyte	Detection Limit µg/L	Sample Results µg/L
Ethanol	500	N.D.
t-Butanol	100	N.D.
Methyl t-Butyl Ether (MTBE)	2.0	190
Di-Isopropyl Ether (DIPE)	2.0	N.D.
Ethyl t-Butyl Ether (ETBE)	2.0	N.D.
t-Amyl Methyl Ether (TAME)	2.0	N.D.

Surrogates	Control Limit %		% Recovery
1,2-Dichloroethane-d4	50	150	94

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL, #1271

Dimple Sharma
Project Manager

Please Note:
* Ran Past EPA Recommended Holding Time.

Sequoia Analytical

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1455 McDowell Blvd. North, Ste. D, Petaluma, CA 94954, (707) 792-1865, FAX (707) 792-0342

Sequoia Analytical	Client Project ID:	P901457	Sampled:	Jan 22, 1999
1455 N. McDowell Blvd., Ste. D	Sample Descript:	Water, MW-2 *	Received:	Feb 3, 1999
Petaluma, CA. 94954	Analysis Method:	EPA 8260	Analyzed:	Feb 5, 1999
Attention: Scott Forbes	Lab Number:	902-0463	Reported:	Feb 8, 1999

QC Batch Number: MS020399826OS2A

Instrument ID: GC/MS-2

OXYGENATED COMPOUNDS (EPA 8260)

Analyte	Detection Limit µg/L	Sample Results µg/L
Ethanol	500	N.D.
t-Butanol	100	N.D.
Methyl t-Butyl Ether (MTBE)	2.0	620
Di-Isopropyl Ether (DIPE)	2.0	N.D.
Ethyl t-Butyl Ether (ETBE)	2.0	N.D.
t-Amyl Methyl Ether (TAME)	2.0	N.D.

Surrogates	Control Limit %		% Recovery
1,2-Dichloroethane-d4	50	150	16 **

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL, #1271

Dimple Sharma
Project Manager

Please Note:
* Ran Past EPA Recommended Holding Time.
** Surrogate recovery below control limit due to matrix interference.
**Secondary Surrogate Dibromofluoromethane is in acceptable limit at 92%

Sequoia Analytical

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Sequoia Analytical	Client Project ID:	P901457	Sampled:	Jan 22, 1999
1455 N. McDowell Blvd., Ste. D	Sample Descript:	Water, MW-3 *	Received:	Feb 3, 1999
Petaluma, CA. 94954	Analysis Method:	EPA 8260	Analyzed:	Feb 5, 1999
Attention: Scott Forbes	Lab Number:	902-0464	Reported:	Feb 8, 1999

QC Batch Number: MS0203998260S2A

Instrument ID: GC/MS-2

OXYGENATED COMPOUNDS (EPA 8260)

Analyte	Detection Limit µg/L	Sample Results µg/L
Ethanol	500	N.D.
t-Butanol	100	N.D.
Methyl t-Butyl Ether (MTBE)	2.0	1,500
Di-Isopropyl Ether (DIPE)	2.0	N.D.
Ethyl t-Butyl Ether (ETBE)	2.0	N.D.
t-Amyl Methyl Ether (TAME)	2.0	N.D.

Surrogates	Control Limit %		% Recovery
1,2-Dichloroethane-d4	50	150	23 **

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL, #1271

Dimple Sharma
Project Manager

Please Note:
* Ran Past EPA Recommended Holding Time.
** Surrogate recovery below control limit due to matrix interference.
**Secondary Surrogate Dibromofluoromethane is in acceptable limit at 92%

Sequoia Analytical

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Sequoia Analytical	Client Project ID:	P901457	Sampled:	Jan 22, 1999
1455 N. McDowell Blvd., Ste. D	Sample Descript:	Water, MW-4 *	Received:	Feb 3, 1999
Petaluma, CA. 94954	Analysis Method:	EPA 8260	Analyzed:	Feb 6, 1999
Attention: Scott Forbes	Lab Number:	902-0465	Reported:	Feb 8, 1999

QC Batch Number: MS020399826OS2A

Instrument ID: GC/MS-2

OXYGENATED COMPOUNDS (EPA 8260)

Analyte	Detection Limit µg/L	Sample Results µg/L
Ethanol	500	N.D.
t-Butanol	100	N.D.
Methyl t-Butyl Ether (MTBE)	2.0	13
Di-Isopropyl Ether (DIPE)	2.0	N.D.
Ethyl t-Butyl Ether (ETBE)	2.0	N.D.
t-Amyl Methyl Ether (TAME)	2.0	N.D.

Surrogates	Control Limit %		% Recovery
1,2-Dichloroethane-d4	50	150	101

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL, #1271

Dimple Sharma
Project Manager

Please Note:
* Ran Past EPA Recommended Holding Time.

Sequoia Analytical

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Sequoia Analytical	Client Project ID:	P901457	Sampled:	--
1455 N. McDowell Blvd., Ste. D	Sample Descript:	Water	Received:	--
Petaluma, CA. 94954	Analysis Method:	EPA 8260	Analyzed:	Feb 6, 1999
Attention: Scott Forbes	Lab Number:	Method Blank	Reported:	Feb 8, 1999

QC Batch Number: MS0203998260S2A

Instrument ID: GC/MS-2

OXYGENATED COMPOUNDS (EPA 8260)

Analyte	Detection Limit µg/L	Sample Results µg/L
Ethanol	500	N.D.
t-Butanol	100	N.D.
Methyl t-Butyl Ether (MTBE)	2.0	N.D.
Di-Isopropyl Ether (DIPE)	2.0	N.D.
Ethyl t-Butyl Ether (ETBE)	2.0	N.D.
t-Amyl Methyl Ether (TAME)	2.0	N.D.

Surrogates	Control Limit %		% Recovery
1,2-Dichloroethane-d4	50	150	115

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL, #1271

Dimple Sharma
Project Manager

Sequoia Analytical

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Sequoia Analytical
1455 N. McDowell Blvd., Ste. D
Petaluma, CA. 94954
Attention: Scott Forbes

Client Project ID: P901457
Matrix: Liquid
QC Sample Group: 9020462-465
Reported: Feb 8, 1999

QUALITY CONTROL DATA REPORT

Analyte:	MTBE
QC Batch#:	MS020399
	8260S2A
Analy. Method:	EPA 8260
Prep. Method:	EPA 5030
Analyst:	N. Nelson
MS/MSD #:	9020208
Sample Conc.:	N.D.
Prepared Date:	2/3/99
Analyzed Date:	2/3/99
Instrument I.D.#:	GC/MS-2
Conc. Spiked:	50 µg/L
Result:	55
MS % Recovery:	110
Dup. Result:	57
MSD % Recov.:	114
RPD:	3.6
RPD Limit:	0-25

LCS #:	LCS020699
Prepared Date:	2/6/99
Analyzed Date:	2/6/99
Instrument I.D.#:	GC/MS-2
Conc. Spiked:	50 µg/L
LCS Result:	47
LCS % Recov.:	94

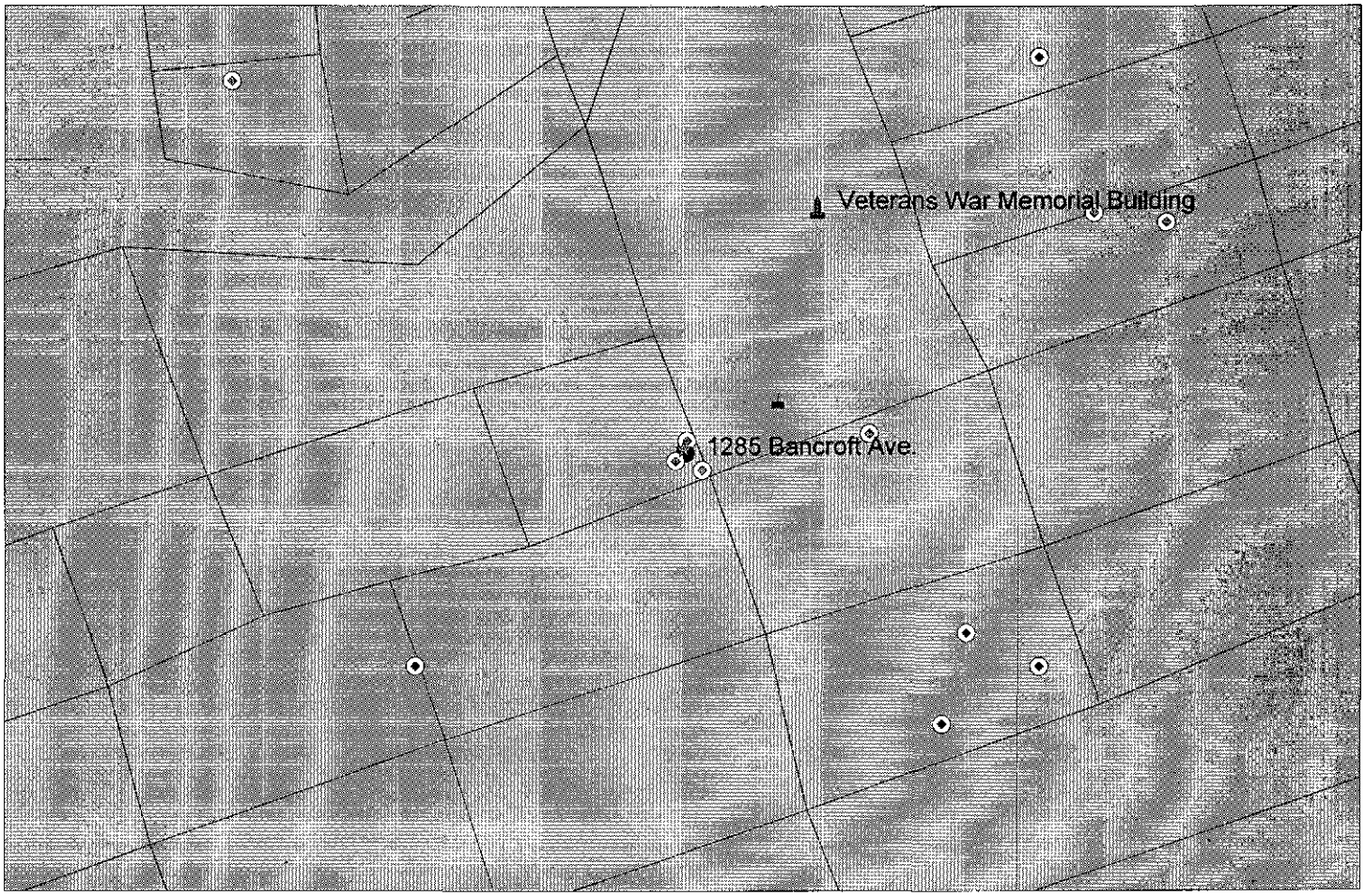
MS/MSD		
LCS	70-130	70-130
Control Limits		

SEQUOIA ANALYTICAL, #1271

Dimple Sharma
Project Manager

Please Note:
The LCS is a control sample of known, interferent-free matrix that is analyzed using the same reagents, preparation, and analytical methods employed for the samples. The matrix spike is an aliquot of sample fortified with known quantities of specific compounds and subjected to the entire analytical procedure. If the recovery of analytes from the matrix spike does not fall within specified control limits due to matrix interference, the LCS recovery is to be used to validate the batch.

** MS=Matrix Spike, MSD=MS Duplicate, RPD=Relative % Difference


Veterans War Memorial Building
1285 Bancroft Ave.

Tr	Section	Address	Longcity	Owner	Update	Xcoord	Ycoord	Matchle
2S/3W	25M 2	1285 Bancroft Avenue	San Leandro	Shell Oil Company	06/21/1990	122146789	37726956	0
2S/3W	25K 1	659 ESTUDILLO AVE	San Leandro	A.W. SCALASY	08/01/1984	122145452	37727041	0
2S/3W	25M 3	1285 Bancroft Avenue	San Leandro	Shell Oil Company	04/02/1992	122146847	37726885	1
2S/3W	25M 4	1285 Bancroft Avenue	San Leandro	Shell Oil Company	04/02/1992	122146847	37726885	1