

C A M B R I A

op 4/13

June 3, 1999

Ms. Susan Hugo
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway #250
Alameda, California 94502-6577

Re: **Quarterly Monitoring Report - Second Quarter 1999**
Former Shell Service Station
2800 Telegraph Avenue
Oakland, California
WIC #204-5508-2303



Dear Ms. Hugo:

This Quarterly Monitoring Report describes the recently completed groundwater monitoring and sampling activities at the referenced site (Plates 1 and 2). Cambria Environmental Technology, Inc. (Cambria) prepared this report to meet quarterly reporting guidelines issued by the Regional Water Quality Control Board and the Alameda County Health Care Services Agency.

This document presents the results of activities performed in the second quarter of 1999.

Quarterly Monitoring & Sampling Summary

- Blaine Tech Services, Inc. (Blaine) of San Jose, California measured groundwater levels in Wells S-1, S-4 through S-11, and collected groundwater samples from Wells S-7 through S-9 and S-11 on April 19, 1999. The samples were transported to Sequoia Analytical of San Carlos, California for chemical analysis.
- Cambria evaluated water-level measurement data and prepared a groundwater contour map (Plate 2). Groundwater flow direction ranges from southeasterly to southwesterly at an approximate hydraulic gradient of 0.02.
- Groundwater samples collected from Wells S-7, S-9 and S-11 did not contain detectable levels of TPPH. Well S-8 contained 3,360 ppb TPPH. Groundwater samples collected from Wells S-8 and S-11 contained 29.6 and 0.539 ppb of benzene respectively. None of the wells contained detectable levels of MTBE.

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

**Cambria
Environmental
Technology, Inc.**

270 Perkins Street
P.O. Box 259
Sonoma, CA 95476
Tel (707)935-4850
Fax (707)935-6649

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Quarterly Sampling

Monitoring Wells S-7 through S-9 and S-11 were sampled and analyzed for total purgeable petroleum hydrocarbons as gasoline (TPPH) by EPA Method 8015 (Modified) and benzene, toluene, ethylbenzene, xylenes (BTEX), and methyl-tertiary-butyl-ether (MTBE) by EPA Method 8260.

Field monitoring data and chemical analytical data are included in a summary table in Blaine's groundwater monitoring report (Appendix A).



Property access issues for the adjacent property (where wells S-7, S-9, and S-11 are located) have been resolved. These wells are now being monitored and sampled on the regular schedule for this site.

Monitoring, sampling, and reporting will continue on the established schedule for the next quarter.

If you have any questions regarding the contents of this document, please call Joe Neely at (707) 935-4854.

Sincerely,
Cambria Environmental Technology, Inc.

Aubrey K Cool

For:
Lisa Summers
Staff Scientist

[Signature]
Diane M. Lundquist, P.E.
Principal Engineer
C46725



C A M B R I A

Attachments:

Plate 1. Site Vicinity Map

Plate 2. Groundwater Contour/Chemical Concentration Map

Appendix A

Blaine Tech Services Inc. - Groundwater Monitoring Report



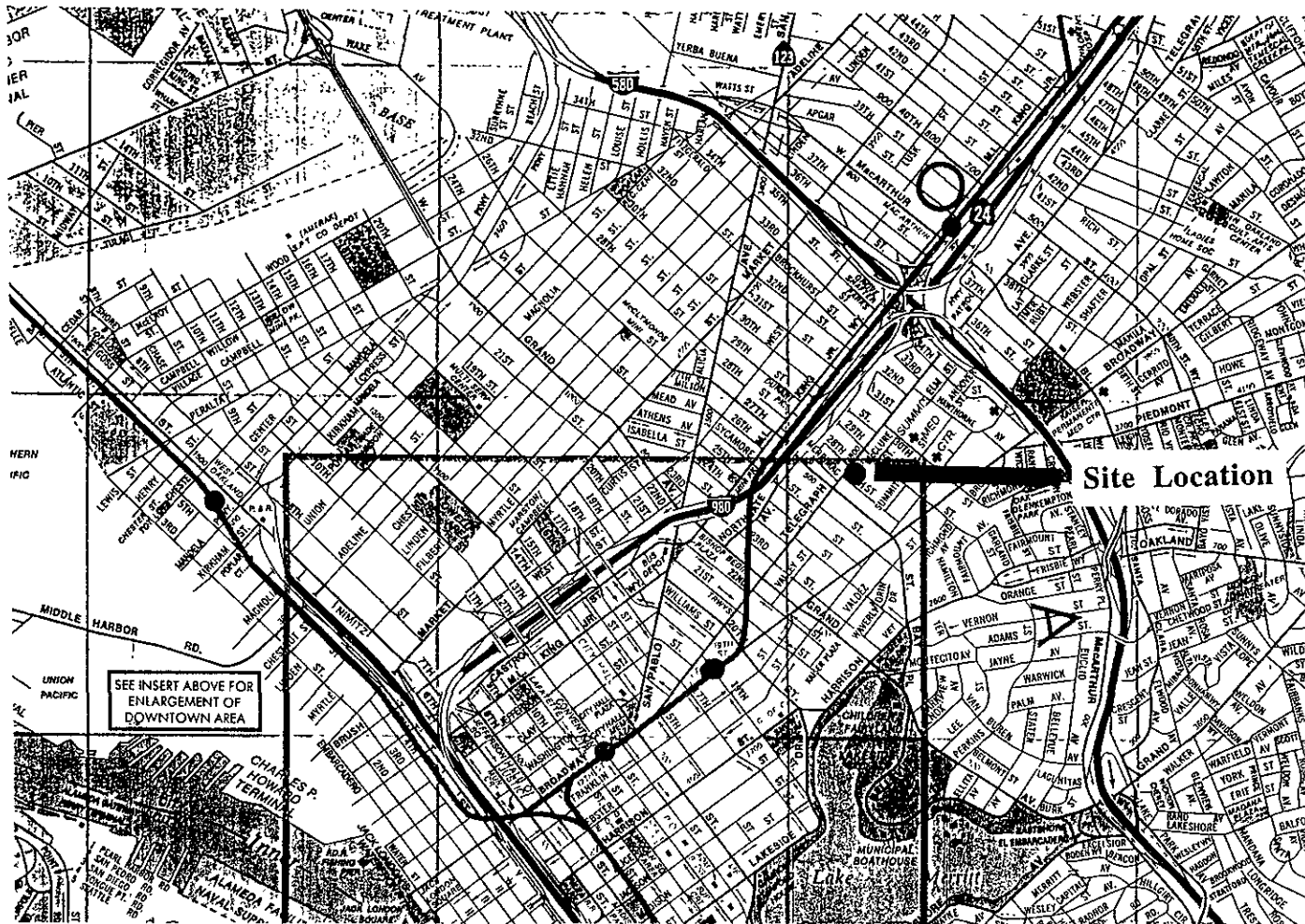
cc: Ms. Karen Petryna, Equiva Services LLC

Mr. Murray Kalender, American Real Estate Partners (property owner)

Mr. Jack Gaskins, Grubb and Ellis (property owner's Agent)

(510) (444-7500)

Robert Lee (MCE Commercial) (510) 450-1420



Note: Vicinity Map taken from California State AAA map.

PLATE

1

SITE VICINITY MAP


Former Shell Service Station
 2800 Telegraph Avenue
 Oakland, California

CAMBRIA

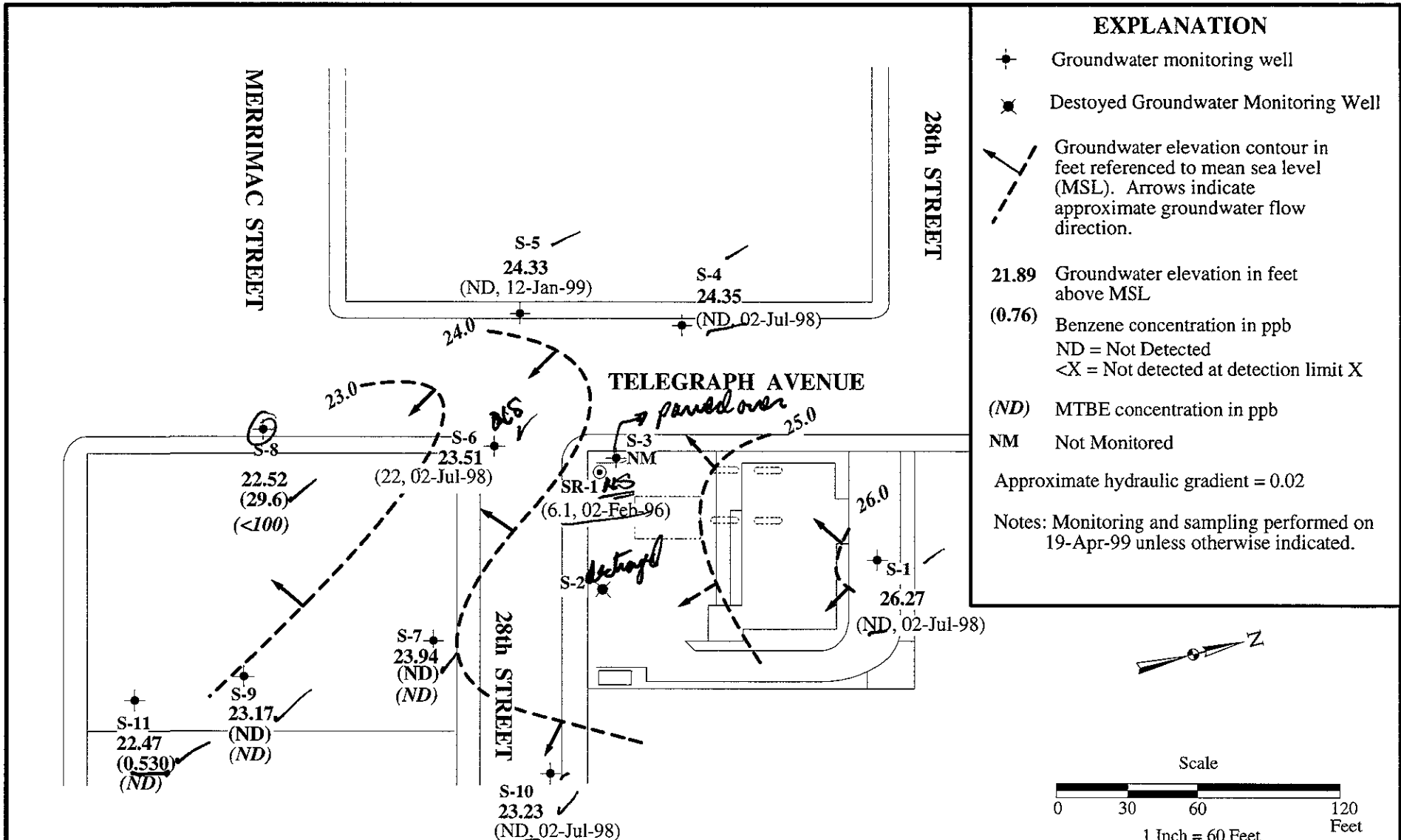
241-1507

Drawn By: JLP

Date: 5-15-95

Approved By: 

Date: 5-28-99



Base map taken from Weiss Associates Site Map.

PLATE

2

GROUNDWATER CONTOUR/CHEMICAL CONCENTRATION MAP

Former Shell Service Station
2800 Telegraph Avenue
Oakland, California

CAMBRIA

241-1507

Drawn By: LS

Date: 3-Jun-99

Approved By: *[Signature]*

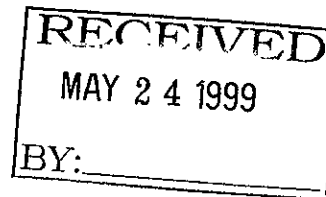
Date: 5-28-99

Appendix A

**Blaine Tech Services Inc.
Groundwater Monitoring Report**



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



May 19, 1999

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

Second Quarter 1999 Groundwater Monitoring at
Shell -branded Service Station
2800 Telegraph Avenue
Oakland, CA

Monitoring performed on April 19, 1999

Groundwater Monitoring Report 990419-Y-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, appropriate calculated purge volume (if applicable), elapsed evacuation time (if applicable), total volume of water removed (if applicable), and standard water parameter instrument readings. Sample material is collected, contained, stored, and transported to the laboratory in conformance with EPA standards. Purgewater (if applicable) is, likewise, collected and transported to the Martinez Refining Company.

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

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

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

Please call if you have any questions.

Yours truly,

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

Deidre Kerwin
Operations Manager

DK/mt

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

cc: Joe Neely
Cambria Environmental Technology, Inc.
P.O. Box 259
Sonoma, CA 95476-0259

WELL CONCENTRATIONS
Shell-branded Service Station
2800 Telegraph Avenue
Oakland, CA
Wic #204-5508-2303

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOB (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)
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S-1	05/04/1992	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	35.31	9.50	25.81	0.00
S-1	08/10/1992	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	35.31	10.85	24.46	0.00
S-1	11/09/1992	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	35.31	10.34	24.97	0.00
S-1	02/23/1993	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	35.31	7.60	27.71	0.00
S-1	06/07/1993	<50	2.8	1.3	0.7	3.0	NA	NA	35.31	8.63	26.68	0.00
S-1	08/13/1993	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	35.31	9.20	26.11	0.00
S-1	11/18/1993	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	35.31	10.58	24.73	0.00
S-1	02/10/1994	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	35.31	8.41	26.90	0.00
S-1	05/03/1994	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	35.31	9.09	26.22	0.00
S-1	08/01/1994	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	35.31	8.81	26.50	0.00
S-1	11/08/1994	NA	NA	NA	NA	NA	NA	NA	35.31	9.32	25.99	0.00
S-1	02/03/1995	NA	NA	NA	NA	NA	NA	NA	35.31	6.98	28.33	0.00
S-1	08/02/1995	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	35.31	9.35	25.96	0.00
S-1	02/02/1996	NA	NA	NA	NA	NA	NA	NA	35.31	7.45	27.86	0.00
S-1	05/04/1996	NA	NA	NA	NA	NA	NA	NA	35.31	8.91	26.40	0.00
S-1	08/02/1996	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	35.31	9.33	25.98	0.00
S-1	10/02/1996	NA	NA	NA	NA	NA	NA	NA	35.31	10.11	25.20	0.00
S-1	01/08/1997	NA	NA	NA	NA	NA	NA	NA	35.31	7.93	27.38	0.00
S-1	04/17/1997	NA	NA	NA	NA	NA	NA	NA	35.31	8.94	26.37	0.00
S-1	07/01/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	35.31	9.55	25.76	0.00
S-1	10/07/1997	NA	NA	NA	NA	NA	NA	NA	35.31	9.43	25.88	0.00
S-1	01/07/1998	NA	NA	NA	NA	NA	NA	NA	35.31	8.21	27.10	0.00
S-1	04/02/1998	NA	NA	NA	NA	NA	NA	NA	35.31	8.27	27.04	0.00
S-1	07/02/1998	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	35.31	8.97	26.34	0.00
S-1	10/01/1998	NA	NA	NA	NA	NA	NA	NA	35.31	9.89	25.42	0.00
S-1	01/12/1999	NA	NA	NA	NA	NA	NA	NA	35.31	8.45	26.86	0.00

WELL CONCENTRATIONS
Shell-branded Service Station
2800 Telegraph Avenue
Oakland, CA
Wic #204-5508-2303

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOB (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)
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S-1	04/19/1999	NA	NA	NA	NA	NA	NA	NA	35.31	9.04	26.27	0.00
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S-2	05/04/1992	1600	190	6.0	240	54	NA	NA	33.91	9.44	24.47	0.00
S-2	08/10/1992	<50	4.1	<0.5	<0.5	<0.5	NA	NA	33.91	10.73	23.18	0.00
S-2	09/11/1992	84	19	0.7	2.2	4.3	NA	NA	33.91	NA	NA	NA
S-2	11/09/1992	NA	NA	NA	NA	NA	NA	NA	33.91	10.29	23.62	0.00
S-2	02/23/1993	16000	1600	480	850	1800	NA	NA	33.91	9.04	24.87	0.00
S-2	04/08/1993	Well destroyed		NA	NA	NA	NA	NA	NA	NA	NA	NA

S-3	05/04/1992	NA	NA	NA	NA	NA	NA	NA	33.56	9.22	24.34	0.00
S-3	08/10/1992	Well paved over		NA	NA	NA	NA	NA	NA	NA	NA	NA

S-4	05/04/1992	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	34.08	9.96	24.12	0.00
S-4	08/10/1992	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	34.08	11.32	22.76	0.00
S-4	11/09/1992	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	34.08	11.29	22.79	0.00
S-4	02/23/1993	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	34.08	9.82	24.26	0.00
S-4	06/07/1993	50	9.2	5.5	3.3	14	NA	NA	34.08	10.51	23.57	0.00
S-4	08/13/1993	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	34.08	11.05	23.03	0.00
S-4	11/18/1993	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	34.08	11.34	22.74	0.00
S-4	02/10/1994	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	34.08	9.93	24.15	0.00
S-4	05/03/1994	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	34.08	10.40	23.68	0.00
S-4	08/01/1994	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	34.08	10.68	23.40	0.00
S-4	11/08/1994	NA	NA	NA	NA	NA	NA	NA	34.08	9.44	24.64	NA
S-4	02/03/1995	NA	NA	NA	NA	NA	NA	NA	34.08	9.18	24.90	NA
S-4	08/02/1995	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	34.08	10.62	23.46	0.00
S-4	02/02/1996	NA	NA	NA	NA	NA	NA	NA	34.08	9.23	24.85	0.00
S-4	05/04/1996	NA	NA	NA	NA	NA	NA	NA	34.08	10.37	23.71	0.00

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S-4	08/02/1996	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	34.08	10.69	23.39	0.00
S-4	10/02/1996	NA	NA	NA	NA	NA	NA	NA	34.08	10.96	23.12	0.00
S-4	01/08/1997	NA	NA	NA	NA	NA	NA	NA	34.08	9.37	24.71	0.00
S-4	04/17/1997	NA	NA	NA	NA	NA	NA	NA	34.08	10.25	23.83	0.00
S-4	07/01/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	34.08	10.60	23.48	0.00
S-4	10/07/1997	NA	NA	NA	NA	NA	NA	NA	34.08	10.52	23.56	0.00
S-4	01/07/1998	NA	NA	NA	NA	NA	NA	NA	34.08	9.79	24.29	0.00
S-4	04/02/1998	NA	NA	NA	NA	NA	NA	NA	34.08	9.56	24.52	0.00
S-4	07/02/1998	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	34.08	10.51	23.57	0.00
S-4	10/01/1998	NA	NA	NA	NA	NA	NA	NA	34.08	11.01	23.07	0.00
S-4	01/12/1999	NA	NA	NA	NA	NA	NA	NA	34.08	10.53	23.55	0.00
S-4	04/19/1999	NA	NA	NA	NA	NA	NA	NA	34.08	9.73	24.35	0.00

S-5	05/04/1992	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	33.42	10.27	23.15	0.00
S-5	08/10/1992	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	33.42	10.68	22.74	0.00
S-5	11/09/1992	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	33.42	10.69	22.73	0.00
S-5	02/23/1993	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	33.42	9.45	23.97	0.00
S-5	06/07/1993	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	33.42	10.23	23.19	0.00
S-5	08/13/1993	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	33.42	10.58	22.84	0.00
S-5	11/18/1993	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	33.42	10.70	22.72	0.00
S-5	02/10/1994	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	33.42	9.75	23.67	0.00
S-5	05/03/1994	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	33.42	10.19	23.23	0.00
S-5	08/01/1994	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	33.42	10.30	23.12	0.00
S-5	11/08/1994	NA	NA	NA	NA	NA	NA	NA	33.42	9.64	23.78	NA
S-5	02/03/1995	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	33.42	9.59	23.83	0.00
S-5	08/02/1995	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	33.42	10.23	23.90	0.00
S-5	02/02/1996	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	33.42	9.51	23.91	0.00

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S-5	05/04/1996	NA	NA	NA	NA	NA	NA	NA	33.42	10.15	23.27	0.00
S-5	08/02/1996	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	33.42	10.30	23.12	0.00
S-5	10/02/1996	NA	NA	NA	NA	NA	NA	NA	33.42	10.54	22.88	0.00
S-5	01/08/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	33.42	9.56	23.86	0.00
S-5	04/17/1997	NA	NA	NA	NA	NA	NA	NA	33.42	10.03	23.39	0.00
S-5	07/01/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	33.42	10.23	23.19	0.00
S-5	10/07/1997	NA	NA	NA	NA	NA	NA	NA	33.42	10.25	23.17	0.00
S-5	01/07/1998	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	33.42	9.83	23.59	0.00
S-5	04/02/1998	NA	NA	NA	NA	NA	NA	NA	33.42	9.73	23.69	0.00
S-5	07/02/1998	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	33.42	10.04	23.38	0.00
S-5	10/01/1998	NA	NA	NA	NA	NA	NA	NA	33.42	10.91	22.51	0.00
S-5	01/12/1999	<50.0	<0.500	<0.500	<0.500	<0.500	<2.00	NA	33.42	9.80	23.62	0.00
S-5	04/19/1999	NA	NA	NA	NA	NA	NA	NA	33.42	9.09	24.33	0.00

S-6	05/04/1992	3100	640	22	23	97	NA	NA	32.59	9.42	23.17	0.00
S-6	08/10/1992	3400	430	27	26	120	NA	NA	32.59	10.40	22.19	0.00
S-6	11/09/1992	2000	320	15	15	100	NA	NA	32.59	10.16	22.43	0.00
S-6	02/23/1993	14000	780	180	380	1300	NA	NA	32.59	7.60	24.99	0.00
S-6	06/07/1993	3900	1400	56	83	210	NA	NA	32.59	8.90	23.69	0.00
S-6	08/13/1993	4000a	890	16	<0.5	41	NA	NA	32.59	9.39	23.20	0.00
S-6	11/18/1993	80	5.0	<0.5	<0.5	<0.5	NA	NA	32.59	10.32	22.27	0.00
S-6	02/10/1994	4100	370	23	21	90	NA	NA	32.59	8.68	23.91	0.00
S-6	05/03/1994	4700	550	28	85	340	NA	NA	32.59	9.20	23.39	0.00
S-6	08/01/1994	2900	370	11	11	43	NA	NA	32.59	8.90	23.69	0.00
S-6	11/08/1994	NA	NA	NA	NA	NA	NA	NA	32.59	8.32	23.69	0.00
S-6	02/03/1995	NA	NA	NA	NA	NA	NA	NA	32.59	8.04	23.69	0.00
S-6	08/02/1995	1400	160	<5	<5	<5	NA	NA	32.59	9.26	23.19	0.00

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Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOB (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)
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S-6	02/02/1996	NA	NA	NA	NA	NA	NA	NA	32.59	7.90	24.69	0.00
S-6	05/04/1996	NA	NA	NA	NA	NA	NA	NA	32.59	8.98	23.61	0.00
S-6	08/02/1996	1600	150	9.2	13	23	17	NA	32.59	9.34	23.25	0.00
S-6	10/02/1996	NA	NA	NA	NA	NA	NA	NA	32.59	9.96	22.63	0.00
S-6	01/08/1997	NA	NA	NA	NA	NA	NA	NA	32.59	7.38	25.21	0.00
S-6	04/17/1997	NA	NA	NA	NA	NA	NA	NA	32.59	9.16	23.43	0.00
S-6	07/01/1997	<50	1.5	<0.50	<0.50	<0.50	<2.5	NA	32.59	9.60	22.99	0.00
S-6	10/07/1997	NA	NA	NA	NA	NA	NA	NA	32.59	9.64	22.95	0.00
S-6	01/07/1998	NA	NA	NA	NA	NA	NA	NA	32.59	8.34	24.25	0.00
S-6	04/02/1998	NA	NA	NA	NA	NA	NA	NA	32.59	7.93	24.66	0.00
S-6	07/02/1998	370	22	0.62	<0.50	<0.50	5.60	NA	32.59	9.85	22.74	0.00
S-6	10/01/1998	NA	NA	NA	NA	NA	NA	NA	32.59	10.48	22.11	0.00
S-6	01/12/1999	NA	NA	NA	NA	NA	NA	NA	32.59	9.63	22.96	0.00
S-6	04/19/1999	NA	NA	NA	NA	NA	NA	NA	32.59	9.08	23.51	0.00

S-6 (D)	08/01/1994	2600	340	8.8	7.7	33	NA	NA	32.59	NA	NA	NA
S-6 (D)	08/02/1995	1400	170	<5	<5	<5	NA	NA	32.59	NA	NA	NA

S-7	05/04/1992	180	1.6	<0.5	1.5	3.0	NA	NA	33.33	11.21	22.12	0.00
S-7	08/10/1992	190	8.0	1.4	4.7	8.5	NA	NA	33.33	12.28	21.05	0.00
S-7	11/09/1992	280	16	4.0	7.8	21	NA	NA	33.33	11.77	21.56	0.00
S-7	02/23/1993	210	13	2.2	5.4	12	NA	NA	33.33	8.86	24.47	0.00
S-7	06/07/1993	90	1.2	2.5	1.0	<0.5	NA	NA	33.33	10.58	22.75	0.00
S-7	08/13/1993	140	4.0	0.8	<0.5	0.5	NA	NA	33.33	11.34	21.99	0.00
S-7	11/18/1993	440	43	4.9	0.9	4.2	NA	NA	33.33	12.00	21.33	0.00
S-7	02/10/1994	250a	<0.5	<0.5	1.8	<0.5	NA	NA	33.33	9.88	23.45	0.00
S-7	05/03/1994	130	<0.5	<0.5	<0.5	<0.5	NA	NA	33.33	10.75	22.58	0.00

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Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOB (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)
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S-7	08/01/1994	250	4.8	<0.5	<0.5	<0.5	NA	NA	33.33	11.05	22.28	0.00
S-7	11/08/1994	NA	NA	NA	NA	NA	NA	NA	33.33	9.64	23.69	NA
S-7	02/03/1995	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	33.33	8.53	24.80	0.00
S-7	08/02/1995	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	33.33	11.10	22.23	0.00
S-7	02/02/1996	480	2.2	2.4	7.9	25	NA	NA	33.33	8.58	24.75	0.00
S-7	05/04/1996	NA	NA	NA	NA	NA	NA	NA	33.33	10.41	22.92	0.00
S-7	08/02/1996	300	20	2.2	3.8	7.9	21	11	33.33	11.18	22.15	0.00
S-7	10/02/1996	NA	NA	NA	NA	NA	NA	NA	33.33	12.12	21.21	0.00
S-7	01/08/1997	850	16	6.3	20	59	<25	NA	33.33	8.23	25.10	0.00
S-7	04/17/1997	NA	NA	NA	NA	NA	NA	NA	33.33	10.75	22.58	0.00
S-7	07/01/1997	120	2.4	<0.50	2.9	2.6	3.5	NA	33.33	11.40	21.93	0.00
S-7	10/07/1997	NA	NA	NA	NA	NA	NA	NA	33.33	11.50	21.83	0.00
S-7	04/19/1999	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	NA	33.33	9.39	23.94	0.00

*Right to Life
 Agreement Invalid
 Dec 1998
 S-7, S-9, S-11
 1998*

S-7 (D)	08/02/1996	340	22	2.2	4.4	8.9	20	NA	33.33	NA	NA	NA
S-7 (D)	01/08/1997	840	15	<5.0	21	63	25	NA	33.33	NA	NA	NA
S-7 (D)	07/01/1997	120	2.4	<0.50	2.9	2.6	<2.5	NA	33.33	NA	NA	NA

S-8	05/04/1992	1600	20	420	96	330	NA	NA	31.97	10.29	21.68	0.00
S-8	08/10/1992	1500	19	37	60	250	NA	NA	31.97	11.12	20.85	0.00
S-8	11/09/1992	710	5.7	24	28	120	NA	NA	31.97	10.71	21.26	0.00
S-8	02/23/1993	3800	40	54	68	260	NA	NA	31.97	6.04	25.93	0.00
S-8	06/07/1993	1200	13	19	65	150	NA	NA	31.97	10.06	21.91	0.00
S-8	08/13/1993	1300	21	23	49	250	NA	NA	31.97	10.56	21.41	0.00
S-8	11/18/1993	870	16	5.3	59	230	NA	NA	31.97	10.90	21.07	0.00
S-8	02/10/1994	2400	11	55	120	530	NA	NA	31.97	9.53	22.44	0.00
S-8	05/03/1994	3100	12	27	130	370	NA	NA	31.97	10.06	21.91	0.00

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S-8	08/01/1994	1500	20	18	39	190	NA	NA	31.97	10.32	21.65	0.00
S-8	11/08/1994	2100	22	38	73	390	NA	NA	31.97	9.25	22.72	0.00
S-8	02/03/1995	4800	67	39	130	300	NA	NA	31.97	8.99	22.98	0.00
S-8	05/04/1995	2600	31	23	71	310	NA	NA	31.97	9.22	22.75	0.00
S-8	08/02/1995	1700	10	9.1	48	210	NA	NA	31.97	10.36	21.61	0.00
S-8	11/02/1995	1200	16	13	72	130	NA	NA	31.97	10.72	21.25	0.00
S-8	02/02/1996	7100	29	140	360	1300	NA	NA	31.97	8.92	23.05	0.00
S-8	05/04/1996	3500	13	27	110	400	<25	NA	31.97	9.86	22.11	0.00
S-8	08/02/1996	850	9.6	7.4	30	160	11	NA	31.97	10.30	21.67	0.00
S-8	10/02/1996	980	<5.0	11	13	92	<25	NA	31.97	10.71	21.26	0.00
S-8	01/08/1997	6400	88	48	190	500	<100	NA	31.97	8.88	23.09	0.00
S-8	04/17/1997	1700	23	7.4	34	50	74	NA	31.97	10.00	21.97	0.00
S-8	07/01/1997	140	2.8	<0.50	<0.50	0.58	<2.5	NA	31.97	10.40	21.57	0.00
S-8	10/07/1997	300	2.7	0.63	4.6	8.4	<2.5	NA	31.97	10.50	21.47	0.00
S-8	01/07/1998	110	1.2	<0.50	<0.50	1.6	<2.5	NA	31.97	9.27	22.70	0.00
S-8	04/02/1998	4500	140	77	140	380	<12	NA	31.97	9.31	22.66	0.00
S-8	07/02/1998	330	4.2	0.79	1.7	2.3	4.8	NA	31.97	9.48	22.49	0.00
S-8	10/01/1998	52	0.76	<0.50	<0.50	0.70	<2.5	NA	31.97	10.08	21.89	0.00
S-8	01/12/1999	<50.0	<0.500	<0.500	<0.500	<0.500	<2.00	NA	31.97	10.50	21.47	0.00
S-8	04/19/1999	3360	29.6	24.8	137	398	<100	NA	31.97	9.45	22.52	0.00

S-8 (D)	02/10/1994	2400	11	46	100	440	NA	NA	31.97	NA	NA	NA
S-8 (D)	05/03/1994	3000	21	25	120	340	NA	NA	31.97	NA	NA	NA
S-8 (D)	11/08/1994	2100	20	31	75	390	NA	NA	31.97	NA	NA	NA
S-8 (D)	02/03/1995	3700	53	30	100	240	NA	NA	31.97	NA	NA	NA
S-8 (D)	05/04/1995	3300	38	26	89	390	NA	NA	31.97	NA	NA	NA
S-8 (D)	08/02/1995	1200	15	13	70	120	NA	NA	31.97	NA	NA	NA

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S-8 (D)	02/02/1996	7800	33	160	400	1500	NA	NA	31.97	NA	NA	NA
S-8 (D)	05/04/1996	5100	19	37	190	690	<25	NA	31.97	NA	NA	NA
S-8 (D)	10/02/1996	1300	<5.0	10	28	180	<25	NA	31.97	NA	NA	NA
S-8 (D)	04/17/1997	1600	25	7.4	30	43	34	NA	31.97	NA	NA	NA
S-8 (D)	01/07/1998	150	1.8	0.6	<0.50	2.2	<2.5	NA	31.97	NA	NA	NA
S-8 (D)	07/02/1998	360	4.3	0.89	1.7	2.3	5.7	NA	31.97	NA	NA	NA

S-9	05/04/1992	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	31.86	10.45	21.41	0.00
S-9	08/10/1992	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	31.86	11.52	20.34	0.00
S-9	11/09/1992	<50	<0.5	<0.5	<0.5	0.7	NA	NA	31.86	11.02	20.84	0.00
S-9	02/23/1993	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	31.86	8.00	23.86	0.00
S-9	06/07/1993	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	31.86	10.07	21.79	0.00
S-9	08/13/1993	140	<0.5	<0.5	<0.5	<0.5	NA	NA	31.86	10.92	20.94	0.00
S-9	11/18/1993	170	<0.5	<0.5	<0.5	<0.5	NA	NA	31.86	11.19	20.67	0.00
S-9	02/10/1994	140	<0.5	<0.5	<0.5	<0.5	NA	NA	31.86	9.16	22.70	0.00
S-9	05/03/1994	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	31.86	10.03	21.83	0.00
S-9	08/01/1994	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	31.86	10.52	21.34	0.00
S-9	11/08/1994	NA	NA	NA	NA	NA	NA	NA	31.86	9.08	22.78	0.00
S-9	02/03/1995	NA	NA	NA	NA	NA	NA	NA	31.86	8.37	23.49	0.00
S-9	08/02/1995	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	31.86	9.35	22.51	0.00
S-9	02/02/1996	NA	NA	NA	NA	NA	NA	NA	31.86	7.53	24.33	0.00
S-9	05/04/1996	NA	NA	NA	NA	NA	NA	NA	31.86	9.60	22.26	0.00
S-9	08/02/1996	<50	<0.50	<0.50	<0.50	<0.50	12	NA	31.86	10.46	21.40	0.00
S-9	10/02/1996	NA	NA	NA	NA	NA	NA	NA	31.86	10.66	21.20	0.00
S-9	01/08/1997	NA	NA	NA	NA	NA	NA	NA	31.86	7.20	24.66	0.00
S-9	04/17/1997	NA	NA	NA	NA	NA	NA	NA	31.86	9.96	21.90	0.00
S-9	07/01/1997	<50	<0.50	<0.50	<0.50	<0.50	3.9	NA	31.86	10.64	21.22	0.00

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S-9	10/07/1997	NA	NA	NA	NA	NA	NA	NA	31.86	10.63	21.23	0.00
S-9	04/19/1999	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	NA	31.86	8.69	23.17	0.00

S-10	05/04/1992	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	32.95	8.54	24.41	0.00
S-10	08/10/1992	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	32.95	10.43	22.52	0.00
S-10	11/09/1992	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	32.95	9.14	23.81	0.00
S-10	02/23/1993	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	32.95	6.72	26.23	0.00
S-10	06/07/1993	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	32.95	8.08	24.87	0.00
S-10	08/13/1993	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	32.95	8.83	24.12	0.00
S-10	11/18/1993	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	32.95	9.46	23.49	0.00
S-10	02/10/1994	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	32.95	7.41	25.54	0.00
S-10	05/03/1994	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	32.95	8.16	24.79	0.00
S-10	08/01/1994	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	32.95	8.29	24.66	0.00
S-10	11/08/1994	NA	NA	NA	NA	NA	NA	NA	32.95	7.02	25.93	0.00
S-10	02/03/1995	NA	NA	NA	NA	NA	NA	NA	32.95	6.79	26.16	0.00
S-10	08/02/1995	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	32.95	8.30	24.65	0.00
S-10	02/02/1996	NA	NA	NA	NA	NA	NA	NA	32.95	6.49	26.46	0.00
S-10	05/04/1996	NA	NA	NA	NA	NA	NA	NA	32.95	7.55	25.40	0.00
S-10	08/02/1996	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	32.95	9.25	23.70	0.00
S-10	10/02/1996	NA	NA	NA	NA	NA	NA	NA	32.95	10.54	22.41	0.00
S-10	01/08/1997	NA	NA	NA	NA	NA	NA	NA	32.95	6.47	26.48	0.00
S-10	04/17/1997	NA	NA	NA	NA	NA	NA	NA	32.95	7.78	25.17	0.00
S-10	07/01/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	32.95	8.83	24.12	0.00
S-10	10/07/1997	NA	NA	NA	NA	NA	NA	NA	32.95	8.89	24.06	0.00
S-10	01/07/1998	NA	NA	NA	NA	NA	NA	NA	32.95	6.97	25.98	0.00
S-10	04/02/1998	NA	NA	NA	NA	NA	NA	NA	32.95	6.96	25.99	0.00
S-10	07/02/1998	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	32.95	10.41	22.54	0.00

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S-10	10/01/1998	NA	NA	NA	NA	NA	NA	NA	32.95	11.03	21.92	0.00
S-10	01/12/1999	NA	NA	NA	NA	NA	NA	NA	32.95	10.33	22.62	0.00
S-10	04/19/1999	NA	NA	NA	NA	NA	NA	NA	32.95	9.72	23.23	0.00

S-11	05/04/1992	1500	55	32	57	190	NA	NA	30.78	9.99	20.79	0.00
S-11	08/10/1992	750	29	13	43	120	NA	NA	30.78	10.92	19.86	0.00
S-11	11/09/1992	4100	32	62	120	1100	NA	NA	30.78	10.44	20.34	0.00
S-11	02/23/1993	760	15	13	37	140	NA	NA	30.78	7.30	23.48	0.00
S-11	06/07/1993	1700	40	16	100	360	NA	NA	30.78	9.51	21.27	0.00
S-11	08/13/1993	60	0.9	<0.5	0.8	1.2	NA	NA	30.78	10.39	20.39	0.00
S-11	11/18/1993	150	7.8	1.0	9.0	12	NA	NA	30.78	10.64	20.14	0.00
S-11	02/10/1994	4400	53	19	160	390	NA	NA	30.78	8.50	22.28	0.00
S-11	05/03/1994	65	1.5	<0.5	0.53	0.59	NA	NA	30.78	9.42	21.36	0.00
S-11	08/01/1994	240	18	6.7	6.9	18	NA	NA	30.78	10.12	20.66	0.00
S-11	11/08/1994	490	14	5.2	15	47	NA	NA	30.78	8.84	21.94	0.00
S-11	02/03/1995	380	4.1	0.9	1.4	5.1	NA	NA	30.78	7.12	23.66	0.00
S-11	05/04/1995	110	1.3	<0.5	1.1	1.8	NA	NA	30.78	7.96	22.82	0.00
S-11	08/02/1995	230	22	11	13	35	NA	NA	30.78	9.88	20.90	0.00
S-11	11/02/1995	200	26	10	10	30	NA	NA	30.78	10.10	20.68	0.00
S-11	02/02/1996	110	2.9	1.0	2.6	6.5	NA	NA	30.78	7.33	23.45	0.00
S-11	05/04/1996	<50	0.70	0.54	0.82	2.6	7.5	NA	30.78	8.62	22.16	0.00
S-11	08/02/1996	200	11	4.6	12	38	10	NA	30.78	9.85	20.93	0.00
S-11	10/02/1996	290	20	6.2	16	48	8.4	NA	30.78	11.00	19.78	0.00
S-11	01/08/1997	56	2.0	<0.50	1.0	5.8	5.2	NA	30.78	6.20	24.58	0.00
S-11	04/17/1997	<50	0.88	<0.50	<0.50	<0.50	3.2	NA	30.78	8.81	21.97	0.00
S-11	07/01/1997	610	50	5.9	24	110	3.1	NA	30.78	10.47	20.31	0.00
S-11	10/07/1997	440	43	3.0	13	110	4.9	NA	30.78	10.32	20.46	0.00

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S-11	04/19/1999	<50.0	0.530	<0.500	<0.500	5.22	<5.00	NA	30.78	8.31	22.47	0.00
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S-11 (D)	06/07/1993	1600	51	16	83	300	NA	NA	30.78	NA	NA	NA
S-11 (D)	08/13/1993	70	2.1	<0.5	0.9	2.1	NA	NA	30.78	NA	NA	NA
S-11 (D)	10/07/1997	360	39	2.0	7.2	74	4.9	NA	30.78	NA	NA	NA

SR-1	05/04/1992	NA	NA	NA	NA	NA	NA	NA	NA	9.02	NA	0.00
SR-1	08/10/1992	NA	NA	NA	NA	NA	NA	NA	NA	10.29	NA	0.00
SR-1	11/09/1992	NA	NA	NA	NA	NA	NA	NA	NA	10.92	NA	0.00
SR-1	02/22/1993	NA	NA	NA	NA	NA	NA	NA	NA	6.64	NA	0.00
SR-1	06/07/1993	NA	NA	NA	NA	NA	NA	NA	NA	7.36	NA	0.00
SR-1	08/13/1993	NA	NA	NA	NA	NA	NA	NA	NA	7.96	NA	0.00
SR-1	11/18/1993	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	10.02	NA	0.00
SR-1	02/10/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR-1	05/03/1994	NA	NA	NA	NA	NA	NA	NA	NA	8.28	NA	0.00
SR-1	08/01/1994	NA	NA	NA	NA	NA	NA	NA	NA	7.98	NA	0.00
SR-1	11/08/1994	NA	NA	NA	NA	NA	NA	NA	NA	7.75	NA	0.00
SR-1	02/03/1995	NA	NA	NA	NA	NA	NA	NA	NA	7.20	NA	0.00
SR-1	05/04/1995	NA	NA	NA	NA	NA	NA	NA	NA	4.10	NA	0.00
SR-1	08/02/1995	NA	NA	NA	NA	NA	NA	NA	NA	5.31	NA	0.00
SR-1	11/02/1995	NA	NA	NA	NA	NA	NA	NA	NA	10.62	NA	0.00
SR-1	02/02/1996	90	6.1	6.7	2.8	8.5	NA	NA	NA	7.30	NA	0.00
SR-1	05/04/1996	NA	NA	NA	NA	NA	NA	NA	NA	8.10	NA	0.00
SR-1	08/02/1996	NA	NA	NA	NA	NA	NA	NA	NA	8.10	NA	0.00
SR-1	10/02/1996	NA	NA	NA	NA	NA	NA	NA	NA	9.25	NA	0.00
SR-1	01/08/1997	NA	NA	NA	NA	NA	NA	NA	NA	7.18	NA	0.00
SR-1	04/17/1997	NA	NA	NA	NA	NA	NA	NA	NA	6.01	NA	0.00

WELL CONCENTRATIONS
Shell-branded Service Station
2800 Telegraph Avenue
Oakland, CA
Wic #204-5508-2303

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOB (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)
SR-1	07/01/1997	NA	NA	NA	NA	NA	NA	NA	NA	8.36	NA	0.00
SR-1	10/07/1997	NA	NA	NA	NA	NA	NA	NA	NA	9.22	NA	0.00
SR-1	01/07/1998	NA	NA	NA	NA	NA	NA	NA	NA	7.45	NA	0.00
SR-1	04/02/1998	NA	NA	NA	NA	NA	NA	NA	NA	7.43	NA	0.00
SR-1	07/02/1998	NA	NA	NA	NA	NA	NA	NA	NA	9.87	NA	0.00
SR-1	10/01/1998	NA	NA	NA	NA	NA	NA	NA	NA	10.42	NA	0.00
SR-1	01/12/1999	NA	NA	NA	NA	NA	NA	NA	NA	10.24	NA	0.00
SR-1	04/19/1999	NA	NA	NA	NA	NA	NA	NA	NA	9.64	NA	0.00
SR-1 (D)	11/18/1993	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA

WELL CONCENTRATIONS
Shell-branded Service Station
2800 Telegraph Avenue
Oakland, CA
Wic #204-5508-2303

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOB (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)
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Abbreviations:

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

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

MTBE = methyl-tertiary-butyl ether

TOB = Top of Wellbox Elevation

SPH = Separate-Phase Hydrocarbons

GW = Groundwater

ug/L = parts per billion

msl = Mean sea level

ft = Feet

<n = Below detection limit

D = Duplicate sample

Notes:

a = Chromatogram pattern indicated the presence of an unidentified hydrocarbon.



May 13, 1999

Fran Thie
Blaine Tech Services
1680 Rogers Avenue
San Jose, CA 95112

RE: Shell(1)/L904286

Dear Fran Thie:

Enclosed are the results of analyses for sample(s) received by the laboratory on April 20, 1999. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Mike Gregory
Project Manager D.M.





Blaine Tech Services 1680 Rogers Avenue San Jose, CA 95112	Project: Shell(1) Project Number: Shell 2800 Telegraph, 990419-Y1 Project Manager: Fran Thie	Sampled: 4/19/99 Received: 4/20/99 Reported: 5/13/99
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ANALYTICAL REPORT FOR L904286

Sample Description	Laboratory Sample Number	Sample Matrix	Date Sampled
S7	L904286-01	Water	4/19/99
S8	L904286-02	Water	4/19/99
S9	L904286-03	Water	4/19/99
S11	L904286-04	Water	4/19/99





Blaine Tech Services 1680 Rogers Avenue San Jose, CA 95112	Project: Shell(1) Project Number: Shell 2800 Telegraph, 990419-Y1 Project Manager: Fran Thie	Sampled: 4/19/99 Received: 4/20/99 Reported: 5/13/99
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Sample Description: S7
Laboratory Sample Number: L904286-01

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method/ Surrogate Limits	Reporting Limit	Result	Units	Notes*
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Sequoia Analytical - San Carlos

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

Purgeable Hydrocarbons as Gasoline	9040123	4/24/99	4/24/99		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	"	"	"		5.00	ND	"	
Surrogate: <i>a,a,a</i> -Trifluorotoluene	"	"	"	70.0-130		71.3	%	





Blaine Tech Services 1680 Rogers Avenue San Jose, CA 95112	Project: Shell(1) Project Number: Shell 2800 Telegraph, 990419-Y1 Project Manager: Fran Thie	Sampled: 4/19/99 Received: 4/20/99 Reported: 5/13/99
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Sample Description: S8
Laboratory Sample Number: L904286-02

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method/ Surrogate Limits	Reporting Limit	Result	Units	Notes*
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Sequoia Analytical - San Carlos

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

Purgeable Hydrocarbons as Gasoline	9040128	4/26/99	4/26/99		1000	3360	ug/l	1
Benzene	"	"	"		10.0	29.6	"	
Toluene	"	"	"		10.0	24.6	"	
Ethylbenzene	"	"	"		10.0	137	"	
Xylenes (total)	"	"	"		10.0	398	"	
Methyl tert-butyl ether	"	"	"		100	ND	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	70.0-130		107	%	





Blaine Tech Services 1680 Rogers Avenue San Jose, CA 95112	Project: Shell(1) Project Number: Shell 2800 Telegraph, 990419-Y1 Project Manager: Fran Thie	Sampled: 4/19/99 Received: 4/20/99 Reported: 5/13/99
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Sample Description: S9
Laboratory Sample Number: L904286-03

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method/ Surrogate Limits	Reporting Limit	Result	Units	Notes*
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Sequoia Analytical - San Carlos

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

Purgeable Hydrocarbons as Gasoline	9040121	4/24/99	4/24/99		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	"	"	"		5.00	ND	"	
Surrogate: <i>a,a,a</i> -Trifluorotoluene	"	"	"	70.0-130		104	%	





Blaine Tech Services 1680 Rogers Avenue San Jose, CA 95112	Project: Shell(1) Project Number: Shell 2800 Telegraph, 990419-Y1 Project Manager: Fran Thie	Sampled: 4/19/99 Received: 4/20/99 Reported: 5/13/99
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Sample Description: S11
Laboratory Sample Number: L904286-04

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method/ Surrogate Limits	Reporting Limit	Result	Units	Notes*
Sequoia Analytical - San Carlos								
Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT								
Purgeable Hydrocarbons as Gasoline	9050014	5/4/99	5/4/99		50.0	ND	ug/l	
Benzene	"	"	"		0.500	0.530	"	
Toluene	"	"	"		0.500	ND	"	
Ethylbenzene	"	"	"		0.500	ND	"	
Xylenes (total)	"	"	"		0.500	5.22	"	
Methyl tert-butyl ether	"	"	"		5.00	ND	"	
Surrogate: <i>a,a,a-Trifluorotoluene</i>	"	"	"	70.0-130		92.9	%	





Blaine Tech Services 1680 Rogers Avenue San Jose, CA 95112	Project: Shell(1) Project Number: Shell 2800 Telegraph, 990419-Y1 Project Manager: Fran Thie	Sampled: 4/19/99 Received: 4/20/99 Reported: 5/13/99
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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: 9040121			Date Prepared: 4/24/99			Extraction Method: EPA 5030B [P/T]				
Blank			9040121-BLK1							
Purgeable Hydrocarbons as Gasoline	4/24/99			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	"	5.00				
Surrogate: a,a,a-Trifluorotoluene	"	10.0		10.1	"	70.0-130	101			
LCS			9040121-BS1							
Benzene	4/24/99	10.0		9.82	ug/l	70.0-130	98.2			
Toluene	"	10.0		9.51	"	70.0-130	95.1			
Ethylbenzene	"	10.0		9.79	"	70.0-130	97.9			
Xylenes (total)	"	30.0		28.9	"	70.0-130	96.3			
Surrogate: a,a,a-Trifluorotoluene	"	10.0		10.6	"	70.0-130	106			
Matrix Spike			9040121-MS1		L904286-03					
Benzene	4/24/99	10.0	ND	10.2	ug/l	60.0-140	102			
Toluene	"	10.0	ND	9.94	"	60.0-140	99.4			
Ethylbenzene	"	10.0	ND	10.3	"	60.0-140	103			
Xylenes (total)	"	30.0	ND	30.3	"	60.0-140	101			
Surrogate: a,a,a-Trifluorotoluene	"	10.0		12.1	"	70.0-130	121			
Matrix Spike Dup			9040121-MSD1		L904286-03					
Benzene	4/24/99	10.0	ND	10.3	ug/l	60.0-140	103	25.0	0.976	
Toluene	"	10.0	ND	10.0	"	60.0-140	100	25.0	0.602	
Ethylbenzene	"	10.0	ND	10.0	"	60.0-140	100	25.0	2.96	
Xylenes (total)	"	30.0	ND	30.4	"	60.0-140	101	25.0	0	
Surrogate: a,a,a-Trifluorotoluene	"	10.0		11.2	"	70.0-130	112			
Batch: 9040123			Date Prepared: 4/24/99			Extraction Method: EPA 5030B [P/T]				
Blank			9040123-BLK1							
Purgeable Hydrocarbons as Gasoline	4/24/99			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	"	5.00				
Surrogate: a,a,a-Trifluorotoluene	"	10.0		7.38	"	70.0-130	73.8			





Blaine Tech Services 1680 Rogers Avenue San Jose, CA 95112	Project: Shell(1) Project Number: Shell 2800 Telegraph, 990419-Y1 Project Manager: Fran Thie	Sampled: 4/19/99 Received: 4/20/99 Reported: 5/13/99
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**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*
<u>LCS</u>		<u>9040123-BS1</u>								
Benzene	4/24/99	10.0		9.92	ug/l	70.0-130	99.2			
Toluene	"	10.0		10.1	"	70.0-130	101			
Ethylbenzene	"	10.0		10.6	"	70.0-130	106			
Xylenes (total)	"	30.0		29.6	"	70.0-130	98.7			
Surrogate: a,a,a-Trifluorotoluene	"	10.0		8.39	"	70.0-130	83.9			
<u>Matrix Spike</u>		<u>9040123-MS1</u>	<u>L904286-01</u>							
Benzene	4/24/99	10.0	ND	9.74	ug/l	60.0-140	97.4			
Toluene	"	10.0	ND	9.76	"	60.0-140	97.6			
Ethylbenzene	"	10.0	ND	10.4	"	60.0-140	104			
Xylenes (total)	"	30.0	ND	28.5	"	60.0-140	95.0			
Surrogate: a,a,a-Trifluorotoluene	"	10.0		8.92	"	70.0-130	89.2			
<u>Matrix Spike Dup</u>		<u>9040123-MSD1</u>	<u>L904286-01</u>							
Benzene	4/24/99	10.0	ND	9.41	ug/l	60.0-140	94.1	25.0	3.45	
Toluene	"	10.0	ND	10.0	"	60.0-140	100	25.0	2.43	
Ethylbenzene	"	10.0	ND	10.3	"	60.0-140	103	25.0	0.966	
Xylenes (total)	"	30.0	ND	29.0	"	60.0-140	96.7	25.0	1.77	
Surrogate: a,a,a-Trifluorotoluene	"	10.0		9.27	"	70.0-130	92.7			
<u>Batch: 9040128</u>	<u>Date Prepared: 4/26/99</u>	<u>Extraction Method: EPA 5030B [P/T]</u>								
<u>Blank</u>		<u>9040128-BLK1</u>								
Purgeable Hydrocarbons as Gasoline	4/26/99			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	"	5.00				
Surrogate: a,a,a-Trifluorotoluene	"	10.0		12.6	"	70.0-130	126			
<u>LCS</u>		<u>9040128-BS1</u>								
Benzene	4/26/99	10.0		9.89	ug/l	70.0-130	98.9			
Toluene	"	10.0		9.52	"	70.0-130	95.2			
Ethylbenzene	"	10.0		9.81	"	70.0-130	98.1			
Xylenes (total)	"	30.0		28.6	"	70.0-130	95.3			
Surrogate: a,a,a-Trifluorotoluene	"	10.0		11.1	"	70.0-130	111			
<u>Matrix Spike</u>		<u>9040128-MS1</u>	<u>L904299-02</u>							
Benzene	4/26/99	10.0	ND	10.1	ug/l	60.0-140	101			
Toluene	"	10.0	4.49	14.7	"	60.0-140	102			
Ethylbenzene	"	10.0	1.46	11.5	"	60.0-140	100			





Blaine Tech Services 1680 Rogers Avenue San Jose, CA 95112	Project: Shell(1) Project Number: Shell 2800 Telegraph, 990419-Y1 Project Manager: Fran Thie	Sampled: 4/19/99 Received: 4/20/99 Reported: 5/13/99
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**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*
Matrix Spike (continued)	9040128-MS1		L904299-02							
Xylenes (total)	4/26/99	30.0	23.1	52.1	ug/l	60.0-140	96.7			
Surrogate: a,a,a-Trifluorotoluene	"	10.0		10.9	"	70.0-130	109			
Matrix Spike Dup	9040128-MSD1		L904299-02							
Benzene	4/26/99	10.0	ND	10.3	ug/l	60.0-140	103	25.0	1.96	
Toluene	"	10.0	4.49	14.5	"	60.0-140	100	25.0	1.98	
Ethylbenzene	"	10.0	1.46	11.4	"	60.0-140	99.4	25.0	0.602	
Xylenes (total)	"	30.0	23.1	51.5	"	60.0-140	94.7	25.0	2.09	
Surrogate: a,a,a-Trifluorotoluene	"	10.0		10.7	"	70.0-130	107			
Batch: 9050014	Date Prepared: 5/4/99					Extraction Method: EPA 5030B [P/T]				
Blank	9050014-BLK1									
Purgeable Hydrocarbons as Gasoline	5/4/99			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	"		5.00			
Surrogate: a,a,a-Trifluorotoluene	"	10.0		8.62	"	70.0-130	86.2			
LCS	9050014-BS1									
Purgeable Hydrocarbons as Gasoline	5/4/99	250		264	ug/l	70.0-130	106			
Surrogate: a,a,a-Trifluorotoluene	"	10.0		9.88	"	70.0-130	98.8			
Matrix Spike	9050014-MS1		L904286-04							
Purgeable Hydrocarbons as Gasoline	5/4/99	250	ND	286	ug/l	60.0-140	114			
Surrogate: a,a,a-Trifluorotoluene	"	10.0		8.47	"	70.0-130	84.7			
Matrix Spike Dup	9050014-MSD1		L904286-04							
Purgeable Hydrocarbons as Gasoline	5/4/99	250	ND	303	ug/l	60.0-140	121	25.0	5.96	
Surrogate: a,a,a-Trifluorotoluene	"	10.0		8.72	"	70.0-130	87.2			





Blaine Tech Services
1680 Rogers Avenue
San Jose, CA 95112

Project: Shell(1)
Project Number: Shell 2800 Telegraph, 990419-Y1
Project Manager: Fran Thie

Sampled: 4/19/99
Received: 4/20/99
Reported: 5/13/99

Notes and Definitions

#	Note
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1	Chromatogram pattern: Gasoline C6-C12
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DET	Analyte DETECTED
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ND	Analyte NOT DETECTED at or above the reporting limit
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NR	Not Reported
----	--------------

dry	Sample results reported on a dry weight basis
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Recov.	Recovery
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RPD	Relative Percent Difference
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SHELL OIL COMPANY
RETAIL ENVIRONMENTAL ENGINEERING - WEST

CHAIN OF CUSTODY RECORD

Serial No: 990419 Y1

Date: _____

Page 1 of 1

Site Address: 2800 Telegraph Ave., Oakland, CA

WIC#: 204-5508-2303

Shell Engineer: Alex Perez
Phone No.: (510) 675-6168
Fax #: 675-6172

Consultant Name & Address:
Blaine Tech Services, Inc.
1680 Rogers Ave., San Jose, CA 95112

Consultant Contact: Fran Thie
Phone No.: (408) 573-0555
Fax #: 573-7771

Comments: L904286

Sampled by: [Signature]

Printed Name: B. TAYLOR

Analysis Required

TPH (EPA 8015 Mod. Gas)	TPH (EPA 8015 Mod. Diesel)	BTEX (EPA 8020/602)	Volatile Organics (EPA 8240)	Test for Disposal	Combination TPH 8015 & BTEX 8020 <u>TPH</u>	Asbestos	Container Size	Preparation Used	Composite Y/N
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LAB: SBQ

CHECK ONE (1) BOX ONLY	CT/DT	TURN AROUND TIME
G.W. Monitoring <input checked="" type="checkbox"/>	4461	24 hours <input type="checkbox"/>
Site Investigation <input type="checkbox"/>	4441	48 hours <input type="checkbox"/>
Soil Classfy/Disposal <input type="checkbox"/>	4442	15 days <input checked="" type="checkbox"/> (Normal)
Water Classfy/Disposal <input type="checkbox"/>	4443	Other <input type="checkbox"/>
Soil/Air Rem. or Sys. O & M <input type="checkbox"/>	4452	
Water Rem. or Sys. O & M <input type="checkbox"/>	4453	
Other <input type="checkbox"/>		

NOTE: Notify Lab as soon as possible of 24/48 hrs. TAT.

UST AGENCY: _____

Sample ID	Date	Sludge	Soil	Water	Air	No. of conls.
<u>57-</u>	<u>4/17</u>			<u>X</u>		<u>3</u>
<u>58-</u>						
<u>59-</u>						
<u>511-</u>						

ENVIRONMENTAL PROTECTION
 99 JUN - 7 PM 3:33

Relinquished By (signature): <u>[Signature]</u>	Printed Name: _____	Date: <u>4/20</u>	Received (signature): <u>[Signature]</u>	Printed Name: <u>C. ANDREWSKY</u>	Date: <u>4-20-99</u>
Relinquished By (signature): <u>[Signature]</u>	Printed Name: _____	Date: _____	Received (signature): _____	Printed Name: _____	Date: _____
Relinquished By (signature): <u>[Signature]</u>	Printed Name: _____	Date: _____	Received (signature): <u>[Signature]</u>	Printed Name: _____	Date: <u>4/20/99</u>

THE LABORATORY MUST PROVIDE A COPY OF THIS CHAIN-OF-CUSTODY WITH INVOICE AND RESULTS

01
02
03
04