

20415



March 23, 2005

Roseanna Garcia-La Grille  
Alameda County Health Care Services Agency  
1131 Harbor Bay Parkway, Suite 250  
Alameda, California 94502-6577

Environmental Services  
MAR 23 2005  
Environmental Services

**Subject: Former Shell Service Station**  
4411 Foothill Boulevard  
Oakland, California

Dear Ms. Garcia-La Grille:

Attached for your review and comment is a copy of the *Fourth Quarter 2004 Monitoring Report* for the above referenced site. Upon information and belief, I declare, under penalty of perjury, that the information contained in the attached document is true and correct.

If you have any questions or concerns, please feel free to call Denis Brown at (707) 865 0251.

Sincerely,

**Shell Oil Products US**

A handwritten signature in cursive script that reads "Karen Petryna".

Karen Petryna  
Sr. Environmental Engineer

March 23, 2005

Roseanna Garcia-La Grille  
Alameda County Health Care Services Agency  
1131 Harbor Bay Parkway, Suite 250  
Alameda, California 94502-6577

Re: **Fourth Quarter 2004 Monitoring Report**  
Former Shell Service Station  
4411 Foothill Boulevard  
Oakland, California  
Incident #98995746  
Cambria Project #247-0897-002

Alameda County Health Care Services Agency  
March 23, 2005  
Roseanna Garcia-La Grille



Dear Ms. Garcia-La Grille:

On behalf of Equilon Enterprises LLC dba Shell Oil Products US (Shell), Cambria Environmental Technology, Inc. (Cambria) is submitting this groundwater monitoring report in accordance with the reporting requirements of 23 CCR 2652d.

## **FOURTH QUARTER 2004 ACTIVITIES**

**Groundwater Monitoring:** Blaine Tech Services, Inc. (Blaine) of San Jose, California gauged and sampled all on-site wells, calculated groundwater elevations, and compiled the analytical data. Blaine's report, presenting the laboratory report and supporting field documents, is included as Attachment A. Cambria coordinated joint sampling and gauging of the adjacent Chevron Service Station #9-0076 at 4265 Foothill Boulevard with Chevron's contractor, Gettler-Ryan Inc. (Gettler-Ryan) of Dublin, California. Attachment B presents Gettler-Ryan's groundwater monitoring data table for the Chevron station. Cambria compiled groundwater elevation and analytical data, and prepared a vicinity map which includes previously submitted well survey information (Figure 1) and a groundwater elevation contour map (Figure 2).

**Cambria  
Environmental  
Technology, Inc.**

5900 Hollis Street  
Suite A  
Emeryville, CA 94608  
Tel (510) 420-0700  
Fax (510) 420-9170

**ANTICIPATED FIRST QUARTER 2005 ACTIVITIES**

*Groundwater Monitoring:* Blaine will gauge and sample all site wells and tabulate field and analytical data. Joint gauging and sampling of the adjacent Chevron station will be coordinated with Gettler Ryan. Joint gauging and sampling of the adjacent BP Service Station #11109, located at 4280 Foothill Boulevard, will be coordinated with BP's consultant, URS Corporation of Oakland, California. Cambria will prepare a monitoring report.

The oxygen-releasing-compound socks currently installed in wells S-1 and S-2 were due for replacement in February 2005. Due to no observable appreciable effect on hydrocarbon concentrations over the course of several quarters, they were not replaced

*Property Development:* The site is currently a vacant lot. According to the property owner, there continue to be plans to develop the property in the spring of 2005, with a tentative starting date of late May or early June 2005. A building has previously been proposed for construction over the current locations of wells S-2, S-4, and S-5. To protect groundwater quality, these wells would likely have to be destroyed prior to property development activities. Cambria's March 1, 2005 *Monitoring Well Destruction Work Plan* was submitted to the Alameda County Health Care Services Agency. Once the property owner obtains all necessary construction approvals and provides Shell with a confirmed construction start date, Cambria will implement the well destructions. Upon property development completion, Cambria will propose installing replacement wells.

*Elimination of Joint Monitoring:* Because sufficient down- and cross-gradient information has been obtained from adjacent BP and Chevron sites, Cambria will cease joint monitoring and reporting of data from the three sites following the second quarter 2005 event, unless otherwise directed.

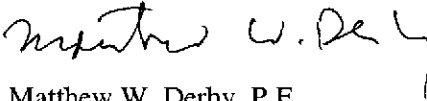
**CLOSING**

We appreciate the opportunity to work with you on this project. Please call David Gibbs at (510) 420-3363 if you have any questions or comments.

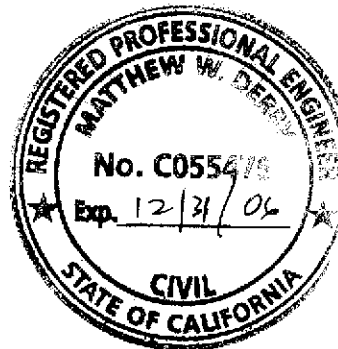
Sincerely,  
**Cambria Environmental Technology, Inc**



David Gibbs  
Project Geologist



Matthew W. Derby, P.E.  
Senior Project Engineer

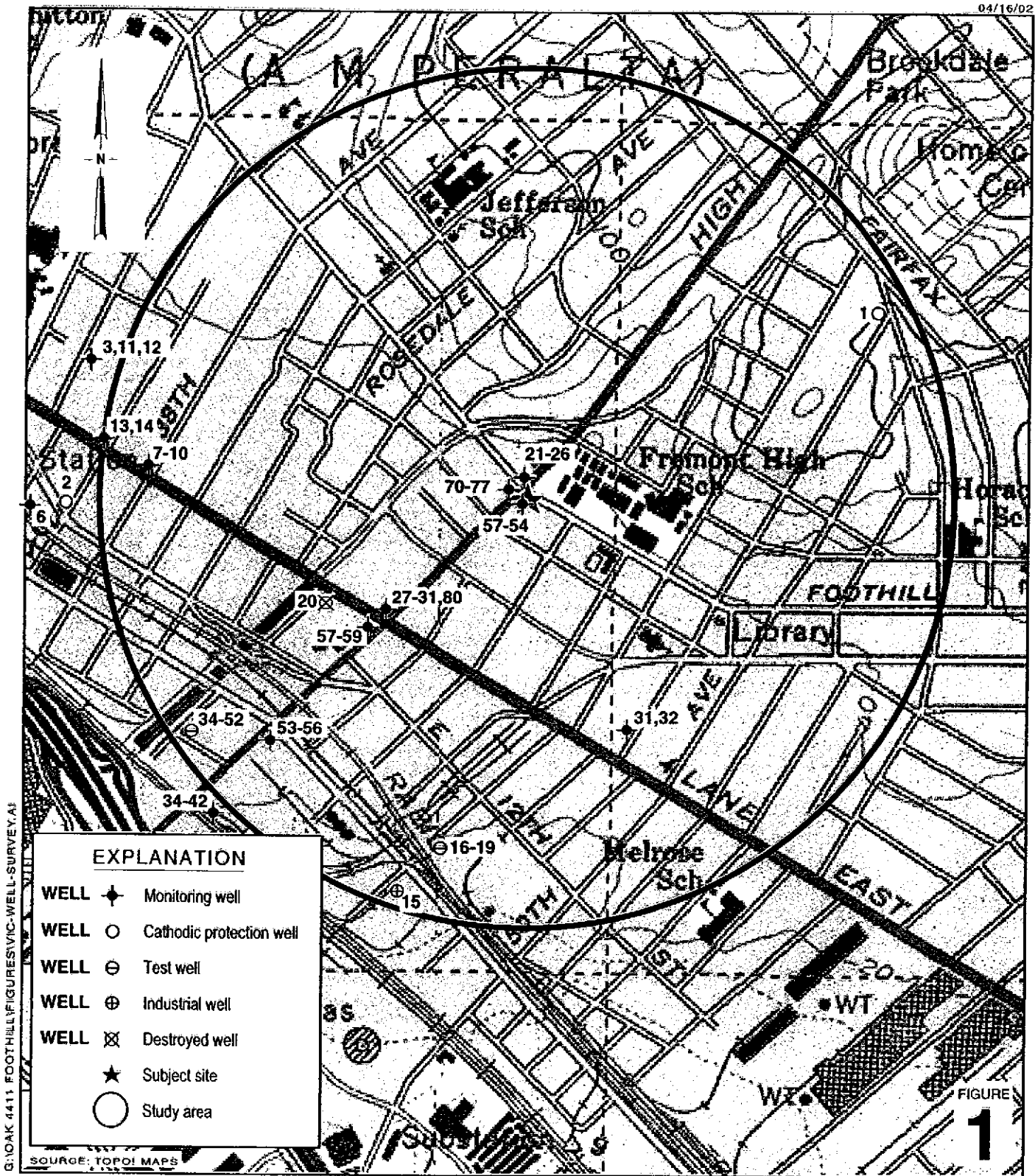


Figures: 1 - Vicinity/Area Well Survey Map  
2 - Groundwater Elevation Contour Map

Attachments: A - Blaine Groundwater Monitoring Report and Field Notes  
B - Gettler-Ryan/Chevron Service Station #9-0076 – Groundwater Monitoring Data

cc: Denis Brown, Shell Oil Products US, 20945 S. Wilmington Ave., Carson, CA 90810  
Deanna Harding, Gettler Ryan, Inc., 6747 Sierra Court #J, Dublin, CA 94568  
Leonard Niles, URS Corp., 1333 Broadway, Suite 800, Oakland, CA 94612  
Bill Phua, P.O. Box 10664, Oakland, CA 94610-0664  
Jay-Phares, 10700 MacArthur Boulevard, Suite 200, Oakland, CA 94605-5260,  
Attention: H.K. Phares

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SOURCE: TOPOI MAPS

EXPLANATION	
WELL	◆ Monitoring well
WELL	○ Cathodic protection well
WELL	⊖ Test well
WELL	⊕ Industrial well
WELL	⊗ Destroyed well
	★ Subject site
	○ Study area

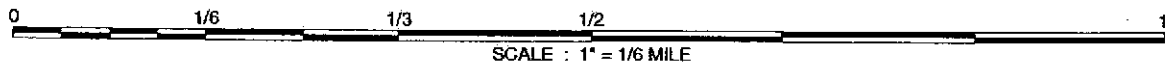


FIGURE 1

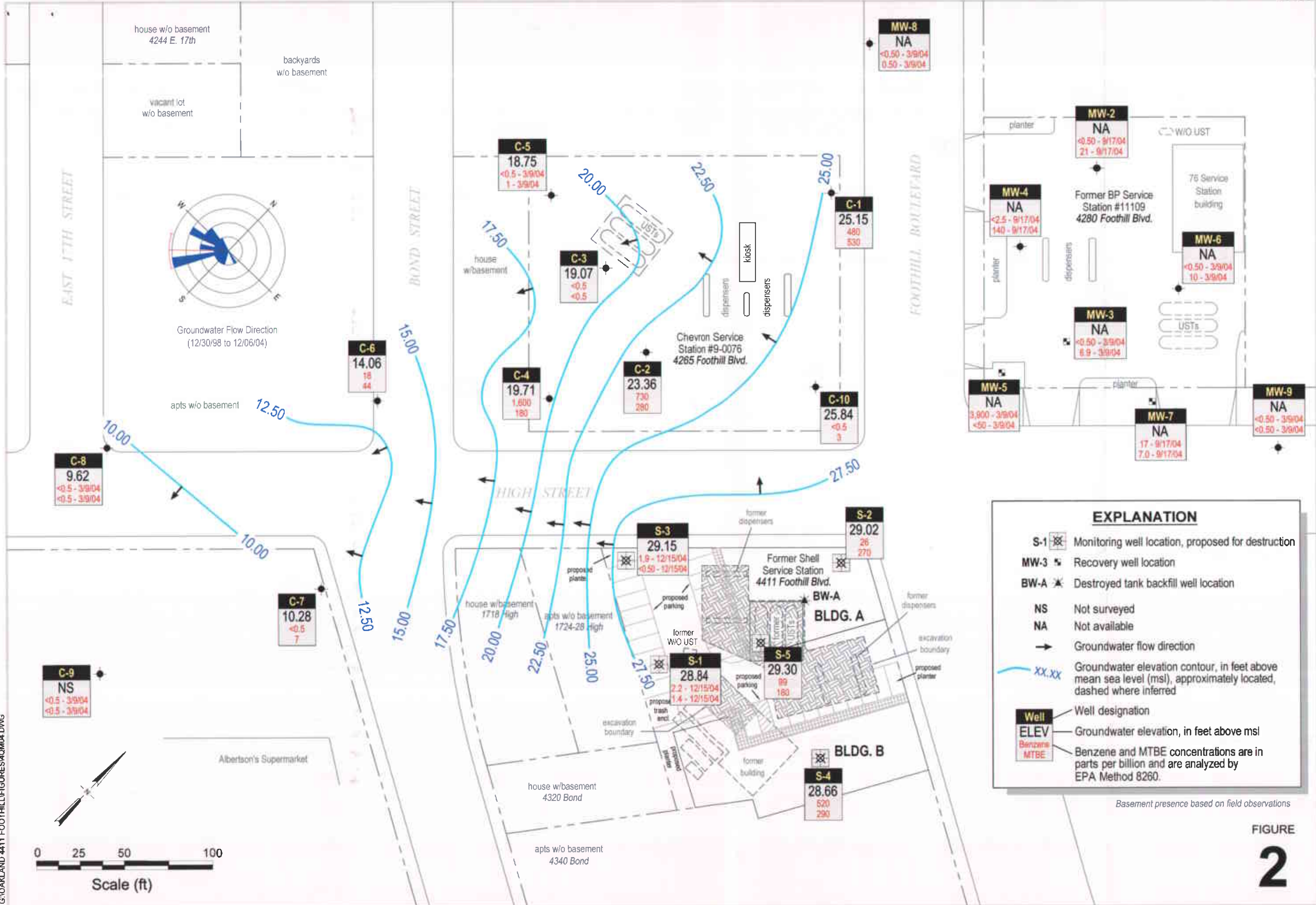
**Former Shell Service Station**  
 4411 Foothill Boulevard  
 Oakland, California  
 Incident #98995746



C A M B R I A

**Vicinity/Area Well  
 Survey Map**  
 (1/2-Mile Radius)

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Groundwater Elevation Contour Map

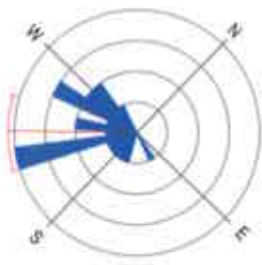
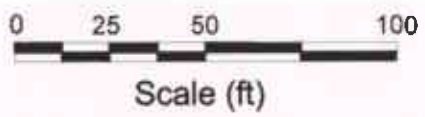
December 6, 2004

C A M B R I A

Former Shell Service Station

4411 Foothill Boulevard  
Oakland, California  
Incident No. 98995746

FIGURE 2



house w/o basement  
4244 E. 17th

backyards  
w/o basement

vacant lot  
w/o basement

apts w/o basement

house w/basement

Chevron Service Station #9-0076  
4265 Foothill Blvd.

Former Shell Service Station  
4411 Foothill Blvd.

BLDG. A

BLDG. B

Albertson's Supermarket

house w/basement  
4320 Bond

apts w/o basement  
4340 Bond

planter

W/O UST

76 Service Station building

planter

dispensers

USTs

planter

planter

planter

planter

planter

planter

planter

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**ATTACHMENT A**  
**Blaine Groundwater Monitoring Report**  
**and Field Notes**

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**BLAINE**  
**TECH SERVICES** INC.

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GROUNDWATER SAMPLING SPECIALISTS  
SINCE 1985

December 30, 2004

Karen Petryna  
Shell Oil Products US  
20945 South Wilmington Avenue  
Carson, CA 90810

Fourth Quarter 2004 Groundwater Monitoring at  
Former Shell Service Station  
4411 Foothill Boulevard  
Oakland, CA

Monitoring performed on December 6 and 15, 2004

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Groundwater Monitoring Report **041206-SS-1**

This report covers the routine monitoring of groundwater wells at this former Shell 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, 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. Our activities at this site consisted of objective data and sample collection only. No interpretation of analytical results, defining of hydrological conditions or formulation of recommendations was performed.

Please call if you have any questions.

Yours truly,

Leon Gearhart  
Project Coordinator

LG/ks

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

cc: Anni Kreml  
Cambria Environmental Technology, Inc.  
5900 Hollis Street, Suite A  
Emeryville, CA 94608

**WELL CONCENTRATIONS**  
**Former Shell Service Station**  
**4411 Foothill Boulevard**  
**Oakland, CA**

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)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
S-1	12/18/1992	41,000	NA	3,100	1,100	1,200	8,700	NA	NA	NA	NA	NA	NA	38.31	9.06	NA	NA
S-1	05/26/1993	39,000	6,000	1,300	4,700	1,500	7,800	NA	NA	NA	NA	NA	NA	38.31	NA	NA	NA
S-1	05/28/1993	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	38.31	12.13	26.18	NA
S-1	06/03/1993	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	38.31	8.89	29.42	NA
S-1	06/08/1993	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	38.31	8.80	29.51	NA
S-1	09/21/1993	34,000	5,900	480	5,000	3,800	18,000	NA	NA	NA	NA	NA	NA	38.31	10.40	27.91	NA
S-1	12/14/1993	25,000	13,000	1,100	5,000	2,200	11,000	NA	NA	NA	NA	NA	NA	38.31	9.66	28.65	NA
S-1	03/17/1994	57,000	1,600	1,300	5,400	2,100	11,000	NA	NA	NA	NA	NA	NA	38.31	8.20	30.11	NA
S-1	06/16/1994	57,000	3,000	1,600	6,000	2,000	13,000	NA	NA	NA	NA	NA	NA	38.31	9.41	28.90	NA
S-1	09/22/1994	39,000	ND	1,300	2,100	1,500	7,100	NA	NA	NA	NA	NA	NA	38.31	11.13	27.18	NA
S-1 a	12/15/1994	30,000	3,100	1,100	4,700	1,600	10,000	NA	NA	NA	NA	NA	NA	38.31	7.15	31.16	NA
S-1 a, b	03/30/1995	30,000	3,100	1,400	4,000	1,500	11,000	NA	NA	NA	NA	NA	NA	38.31	6.09	32.22	NA
S-1	06/20/19/95	28,000	2,100	1,100	2,300	1,100	8,300	NA	NA	NA	NA	NA	NA	38.31	7.30	31.01	NA
S-1	09/20/1995	40,000	2,600	840	3,600	1,300	8,600	NA	NA	NA	NA	NA	NA	38.31	10.02	28.29	NA
S-1 a	12/06/1995	38,000	6,400	920	3,200	1,500	9,400	NA	NA	NA	NA	NA	NA	38.31	11.64	26.67	NA
S-1	03/21/1996	48,000	NA	700	4,200	1,100	8,600	NA	NA	NA	NA	NA	NA	38.31	6.87	31.44	NA
S-1	09/06/1996	41,000	4,100	830	2,600	2,100	12,000	<250	NA	NA	NA	NA	NA	38.31	10.50	27.81	NA
S-1	12/19/1996	40,000	2,500	540	3,100	1,900	9,800	920	NA	NA	NA	NA	NA	38.31	8.24	30.07	NA
S-1	03/17/1997	42,000	4,700	610	2,700	1,700	11,000	3,500	NA	NA	NA	NA	NA	38.31	7.26	31.05	NA
S-1	06/11/1997	28,000	4,000	540	960	1,300	5,300	220	NA	NA	NA	NA	NA	38.31	10.69	27.62	NA
S-1 (D)	06/11/1997	30,000	3,900	580	1,000	1,400	5,400	<125	NA	NA	NA	NA	NA	38.31	10.69	27.62	NA
S-1	09/17/1997	27,000	4,400	310	1,200	1,900	9,000	170	NA	NA	NA	NA	NA	38.31	10.26	28.05	NA
S-1 (D)	09/17/1997	27,000	4,400	270	1,200	1,900	9,000	170	NA	NA	NA	NA	NA	38.31	10.26	28.05	NA
S-1	12/11/1997	21,000	3,400	350	820	1,500	6,500	<125	NA	NA	NA	NA	NA	38.31	6.96	31.35	NA
S-1	03/16/1998	25,000	2,500	250	820	670	5,000	<125	NA	NA	NA	NA	NA	38.31	6.00	32.31	NA
S-1 (D)	03/16/1998	26,000	NA	250	840	720	5,100	<125	NA	NA	NA	NA	NA	38.31	6.00	32.31	5.3/3.7
S-1	06/23/1998	<1,000	230	280	14	23	15	6,100	7,800	NA	NA	NA	NA	38.31	6.31	32.00	3.8/2.4
S-1	09/01/1998	26,000	2,300	370	620	1,300	33	1,400	120	NA	NA	NA	NA	38.31	9.17	29.14	1.4/2.6
S-1	12/30/1998	29,900	1,970	174	732	1,680	5,740	182	NA	NA	NA	NA	NA	38.31	8.99	29.32	1.6/2.0

**WELL CONCENTRATIONS**  
**Former Shell Service Station**  
**4411 Foothill Boulevard**  
**Oakland, CA**

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)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
S-1	03/30/1999	14,200	1,150	1,360	260	1,070	3,580	<500	90.0	NA	NA	NA	NA	38.31	6.10	32.21	1.2/1.8
S-1	03/31/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	38.31	7.84	30.47	NA
S-1	06/14/1999	20,200	4,280	135	407	825	5,000	705	NA	NA	NA	NA	NA	38.31	7.94	30.37	1.4/2.1
S-1	09/30/1999	18,300	3,120	189	531	1,250	4,740	322	NA	NA	NA	NA	NA	38.31	10.04	28.27	4.3/2.0
S-1	12/22/1999	2,450	444a	50.2	97.5	139	458	133	NA	NA	NA	NA	NA	38.31	9.42	28.89	1.8/2.3
S-1	03/09/2000	1,230d	1,200a	21.2d	115d	116d	411d	45.1d	NA	NA	NA	NA	NA	38.30	6.21	32.09	2.0/2.9
S-1	06/20/2000	755	352a	26.0	48.4	43.1	230	71.5	NA	NA	NA	NA	NA	38.30	9.18	29.12	2.0/2.4
S-1	09/05/2000	2,980	783a	43.5	117	168	871	192	NA	NA	NA	NA	NA	38.30	10.14	28.16	0.6/0.3
S-1	12/04/2000	399	238a	5.34	14.6	36.2	106	24.9	NA	NA	NA	NA	NA	38.30	10.10	28.20	8.6/9.8
S-1	12/12/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	38.30	9.22	29.08	NA
S-1	03/08/2001	2,940	1,390a	49.6	52.9	21.8	749	87.6	NA	NA	NA	NA	NA	38.30	5.84	32.46	2.7e
S-1	06/07/2001	10,000	1,400	120	370	680	2,400	150	NA	NA	NA	NA	NA	38.30	8.80	29.50	6.2/2.2
S-1	09/13/2001	240	<200	1.8	8.9	16	53	NA	17	NA	NA	NA	NA	38.30	10.25	28.05	7.8/8.9
S-1	11/19/2001	1,400	<300	14	42	110	260	NA	27	NA	NA	NA	NA	38.30	9.87	28.43	7.7/7.3
S-1	03/18/2002	7,500	<300	40	370	560	2,000	NA	20	NA	NA	NA	NA	38.30	5.08	33.22	5.6/6.1
S-1	06/19/2002	1,000	180	4.7	36	68	250	NA	14	NA	NA	NA	NA	38.30	9.26	29.04	NA
S-1	09/11/2002	2,100	<350	8.1	68	180	820	NA	7.1	NA	NA	NA	NA	38.30	10.54	27.76	6.5
S-1	12/11/2002	4,100	<500	16	93	310	900	NA	<20	NA	NA	NA	NA	38.04	9.97	28.07	8.0
S-1	03/11/2003	14,000	<1,600	71	470	1,000	3,300	NA	<50	NA	NA	NA	NA	38.04	7.31	30.73	5.2
S-1	06/10/2003	1,700	110 a	7.7	44	190	340	NA	4.5	NA	NA	NA	NA	38.04	8.14	29.90	14.0
S-1	09/09/2003	3,200	96 a	11	110	350	1,100	NA	5.8	NA	NA	NA	NA	38.04	9.31	28.73	7.5
S-1	12/09/2003	6,000	1,000 a	20	170	530	1,700	NA	6.1	NA	NA	NA	NA	38.04	7.24	30.80	28.6
S-1	03/09/2004	390	300 a	5.8	30	67	160	NA	5.6	NA	NA	NA	NA	38.04	5.56	32.48	6.4
S-1	06/08/2004	5,600	2,500 a	11	140	660	1,900	NA	5.0	NA	NA	NA	NA	38.04	8.82	29.22	30.0
S-1	09/07/2004	<50	130 i	<0.50	<0.50	<0.50	<1.0	NA	0.75	<2.0	<2.0	<2.0	<5.0	38.04	9.84	28.20	14.4
S-1	12/06/2004	Unable to sample		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	38.04	9.20	28.84	NA
S-1	12/15/2004	560	120 i	2.2	26	67	220	NA	1.4	NA	NA	NA	NA	38.04	5.39	32.65	31.7
S-2	05/28/1993	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	38.79	9.51	29.28	NA
S-2	06/03/1993	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	38.79	9.51	29.28	NA

**WELL CONCENTRATIONS**  
**Former Shell Service Station**  
**4411 Foothill Boulevard**  
**Oakland, CA**

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)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
S-2	06/08/1993	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	38.79	9.57	29.22	NA
S-2	06/29/1993	1,300	NA	290	35	38	130	NA	NA	NA	NA	NA	NA	38.79	NA	NA	NA
S-2	09/21/1993	3,300	NA	870	24	190	120	NA	NA	NA	NA	NA	NA	38.79	10.54	28.25	NA
S-2	12/14/1993	1,300	NA	400	16	36	27	NA	NA	NA	NA	NA	NA	38.79	9.76	29.03	NA
S-2	03/17/1994	4,500	NA	610	27	92	110	NA	NA	NA	NA	NA	NA	38.79	9.92	28.87	NA
S-2 (D)	03/17/1994	4,000	NA	610	26	93	120	NA	NA	NA	NA	NA	NA	38.79	9.92	28.87	NA
S-2	06/16/1994	2,800	NA	690	45	97	140	NA	NA	NA	NA	NA	NA	38.79	10.11	28.68	NA
S-2	09/22/1994	4,000	NA	630	94	64	230	NA	NA	NA	NA	NA	NA	38.79	10.51	28.28	NA
S-2	12/15/1994	1,600	NA	450	300	67	130	NA	NA	NA	NA	NA	NA	38.79	9.12	29.67	NA
S-2 b	03/30/1995	8,200	NA	2,800	190	240	700	NA	NA	NA	NA	NA	NA	38.79	7.86	30.93	NA
S-2	06/20/1995	9,600	NA	2,600	160	170	500	NA	NA	NA	NA	NA	NA	38.79	9.51	29.28	NA
S-2	09/20/1995	4,200	NA	920	45	98	140	NA	NA	NA	NA	NA	NA	38.79	10.06	28.73	NA
S-2	12/06/1995	<5,000	NA	790	67	64	130	NA	NA	NA	NA	NA	NA	38.79	10.52	28.27	NA
S-2	03/21/1996	3,700	NA	850	45	96	170	NA	NA	NA	NA	NA	NA	38.79	8.60	30.19	NA
S-2	09/06/1996	2,400	NA	500	33	39	84	490	NA	NA	NA	NA	NA	38.79	10.50	28.29	NA
S-2	12/19/1996	1,200	NA	330	15	24	31	430	NA	NA	NA	NA	NA	38.79	9.40	29.39	NA
S-2	03/17/1997	4,100	NA	780	42	110	120	2,200	NA	NA	NA	NA	NA	38.79	9.82	28.97	NA
S-2	06/11/1997	760	NA	120	<5.0	7.0	7.6	900	NA	NA	NA	NA	NA	38.79	10.18	28.61	NA
S-2	09/17/1997	1,500	NA	230	8.6	40	27	480	NA	NA	NA	NA	NA	38.79	9.90	28.89	NA
S-2	12/11/1997	1,300	NA	240	15	33	57	280	NA	NA	NA	NA	NA	38.79	8.27	30.52	NA
S-2	03/16/1998	1,100	NA	830	48	<10	<10	4,700	4,800	NA	NA	NA	NA	38.79	7.97	30.82	7.0/4.3
S-2	06/23/1998	720	NA	46	6.8	50	68	50	8.8	NA	NA	NA	NA	38.79	8.20	30.59	4.2/3.8
S-2 (D)	06/23/1998	810	NA	49	7.1	50	70	49	8.8	NA	NA	NA	NA	38.79	8.20	30.59	4.2/3.8
S-2	09/01/1998	<2,000	NA	170	<20	<20	<20	9,300	12,000	NA	NA	NA	NA	38.79	9.85	28.94	1.9/1.6
S-2	12/30/1998	<5,000	NA	369	<50	<50	<50	14,300	NA	NA	NA	NA	NA	38.79	9.84	28.95	2.0/1.8
S-2	03/30/1999	<2,000	NA	234	<20.0	27.4	36.9	49,200	53,000	NA	NA	NA	NA	38.79	8.41	30.38	2.1/1.8
S-2	03/31/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	38.79	8.67	30.12	NA
S-2	06/14/1999	<1,000	NA	175	<10.0	<10.0	11.1	67,500	NA	NA	NA	NA	NA	38.79	9.80	28.99	NA
S-2	09/30/1999	678	177a	135	8.22	14.9	25.8	17,100	17,000c	NA	NA	NA	NA	38.79	10.58	28.21	5.1/4.8
S-2	12/22/1999	316	142a	55.8	10.1	5.26	10.4	9,410	8,810	NA	NA	NA	NA	38.79	10.13	28.66	9.6/5.2

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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)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
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S-2	03/09/2000	2,670	630a	1,190d	62.7	84.1	125	29,200d	31,400c	NA	NA	NA	NA	38.78	7.88	30.90	7.6/5.0
S-2	06/20/2000	<5,000	401a	348	<50.0	50.4	127	35,800	33,900c	NA	NA	NA	NA	38.78	10.27	28.51	1.9/2.2
S-2	09/05/2000	<5,000	373a	106	<50.0	<50.0	<50.0	25,800	37,100c	NA	NA	NA	NA	38.78	10.19	28.59	0.5/1.6
S-2	12/04/2000	<250	1,730a	4.37	<2.50	<2.50	<2.50	4,500	5,130c	NA	NA	NA	NA	38.78	10.30	28.48	10.6/9.4
S-2	12/12/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	38.78	9.66	29.12	NA
S-2	03/08/2001	<2,500	<51.3	318	45.7	53.5	88.5	15,500	17,500	NA	NA	NA	NA	38.78	8.57	30.21	2.7e
S-2	06/07/2001	18,000	11,000	450	170	390	2,200	13,000	18,000	NA	NA	NA	NA	38.78	9.39	29.39	1.1/2.0
S-2	09/13/2001	13,000	<5,000	140	110	350	1,400	NA	9,200	NA	NA	NA	NA	38.78	10.34	28.44	11.0/4.5
S-2	11/19/2001	15,000	8,700	71	27	86	330	NA	7,500	NA	NA	NA	NA	38.78	9.90	28.88	5.0/3.1
S-2	03/18/2002	3,700	14,000	93	<20	35	100	NA	7,500	NA	NA	NA	NA	38.78	9.91	28.87	0.9/4.2
S-2	06/19/2002	2,100	<2,000	92	<10	24	50	NA	4,700	NA	NA	NA	NA	38.78	9.98	28.80	NA
S-2	09/11/2002	2,100	<450	54	<5.0	19	55	NA	1,900	NA	NA	NA	NA	38.78	10.25	28.53	3.5
S-2	12/11/2002	570	1,900	9.4	<2.5	7.2	14	NA	1,100	NA	NA	NA	NA	38.47	9.99	28.48	2.0
S-2	03/11/2003	2,900	<1,800	150	5.5	54	84	NA	870	NA	NA	NA	NA	38.47	9.25	29.22	2.4
S-2	06/10/2003	2,200	840 a	83	<5.0	22	52	NA	970	NA	NA	NA	NA	38.47	9.20	29.27	5.0
S-2	09/09/2003	1,200	270 a	57	<2.5	11	33	NA	740	NA	NA	NA	NA	38.47	9.70	28.77	3.7
S-2	12/09/2003	3,100	1,900 a	84	<5.0	45	90	NA	660	NA	NA	NA	NA	38.47	9.31	29.16	24.21
S-2	03/09/2004	1,600	990 a	140	<5.0	31	49	NA	610	NA	NA	NA	NA	38.47	8.24	30.23	2.6
S-2	06/08/2004	640	400 a	40	<2.5	4.2	6.6	NA	460	NA	NA	NA	NA	38.47	9.40	29.07	8.2
S-2	09/07/2004	<100	240 i	6.6	<1.0	1.3	2.3	NA	140	<4.0	<4.0	<4.0	450	38.47	9.78	28.69	2.4
S-2	12/06/2004	260	140 a	26	<1.0	2.0	<2.0	NA	270	NA	NA	NA	NA	38.47	9.45	29.02	8.5

S-3	05/28/1993	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	37.33	8.45	28.88	NA
S-3	06/03/1993	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	37.33	8.36	28.97	NA
S-3	01/19/1900	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	37.33	8.41	28.92	NA
S-3	06/29/1993	29,000	NA	1,500	1,800	950	6,200	NA	NA	NA	NA	NA	NA	37.33	NA	NA	NA
S-3	09/21/1993	15,000	NA	900	2,200	2,600	11,000	NA	NA	NA	NA	NA	NA	37.33	10.08	27.25	NA
S-3	12/94/1993	20,000	NA	1,100	2,400	1,800	8,500	NA	NA	NA	NA	NA	NA	37.33	8.80	28.53	NA
S-3	03/17/1994	14,000	NA	580	190	750	1,700	NA	NA	NA	NA	NA	NA	37.33	8.34	28.99	NA
S-3	06/16/1994	20,000	NA	700	690	1,400	4,100	NA	NA	NA	NA	NA	NA	37.33	9.12	28.21	NA

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S-3 (D)	06/16/1994	19,000	NA	680	560	1,300	3,700	NA	NA	NA	NA	NA	NA	37.33	NA	NA	NA
S-3	09/22/1994	24,000	NA	630	1,100	1,400	5,700	NA	NA	NA	NA	NA	NA	37.33	10.27	27.06	NA
S-3 (D)	09/22/1994	25,000	NA	720	1,100	1,500	6,100	NA	NA	NA	NA	NA	NA	37.33	NA	NA	NA
S-3	12/15/1994	18,000	NA	520	800	1,100	4,200	NA	NA	NA	NA	NA	NA	37.33	7.81	29.52	NA
S-3 (D)	12/15/1994	23,000	NA	1,000	1,900	2,000	8,600	NA	NA	NA	NA	NA	NA	37.33	NA	NA	NA
S-3 b	03/30/1995	8,800	NA	360	730	700	3,700	NA	NA	NA	NA	NA	NA	37.33	7.06	30.27	NA
S-3 (D)	03/30/1995	7,600	NA	330	570	600	2,600	NA	NA	NA	NA	NA	NA	37.33	NA	NA	NA
S-3	06/20/1995	9,600	NA	510	170	960	1,700	NA	NA	NA	NA	NA	NA	37.33	8.15	29.18	NA
S-3 (D)	06/20/1995	9,800	NA	500	170	950	1,700	NA	NA	NA	NA	NA	NA	37.33	NA	NA	NA
S-3	09/20/1995	21,000	NA	400	560	1,300	4,600	NA	NA	NA	NA	NA	NA	37.33	9.32	28.01	NA
S-3	12/06/1995	24,000	NA	630	1,400	1,400	6,000	NA	NA	NA	NA	NA	NA	37.33	10.53	26.80	NA
S-3 (D)	12/06/1995	22,000	NA	630	1,200	1,400	5,500	NA	NA	NA	NA	NA	NA	37.33	NA	NA	NA
S-3	03/21/1996	9,100	NA	290	110	490	1,600	NA	NA	NA	NA	NA	NA	37.33	7.32	30.01	NA
S-3 (D)	03/21/1996	11,000	NA	310	250	540	2,100	NA	NA	NA	NA	NA	NA	37.33	NA	NA	NA
S-3	09/06/1996	15,000	NA	440	300	1,100	3,000	500	NA	NA	NA	NA	NA	37.33	10.10	27.23	NA
S-3 (D)	09/06/1996	11,000	NA	490	170	820	1,500	700	NA	NA	NA	NA	NA	37.33	NA	NA	NA
S-3	12/19/1996	12,000	NA	600	380	850	2,500	380	NA	NA	NA	NA	NA	37.33	8.36	28.97	NA
S-3 (D)	12/19/1996	12,000	NA	590	380	830	2,500	540	NA	NA	NA	NA	NA	37.33	8.36	28.97	NA
S-3	03/17/1997	12,000	NA	520	140	740	1,400	320	NA	NA	NA	NA	NA	37.33	8.57	28.76	NA
S-3 (D)	03/17/1997	9,600	NA	500	100	680	1,100	<250	NA	NA	NA	NA	NA	37.33	8.57	28.76	NA
S-3	06/11/1997	9,600	NA	510	94	740	1,100	410	NA	NA	NA	NA	NA	37.33	9.26	28.07	NA
S-3	09/17/1997	21,000	NA	140	560	1,800	7,200	130	NA	NA	NA	NA	NA	37.33	9.62	27.71	NA
S-3	12/11/1997	24,000	NA	530	970	1,600	6,900	950	NA	NA	NA	NA	NA	37.33	7.34	29.99	NA
S-3 (D)	12/11/1997	29,000	NA	520	1,000	1,600	7,300	970	NA	NA	NA	NA	NA	37.33	7.34	29.99	NA
S-3	03/16/1998	29,000	NA	840	810	1,700	6,000	<250	NA	NA	NA	NA	NA	37.33	5.75	31.58	3.0/3.4
S-3	06/23/1998	3,800	NA	90	220	240	1,400	<50	NA	NA	NA	NA	NA	37.33	5.98	31.35	4.2/2.0
S-3	09/01/1998	9,600	NA	480	120	870	1,800	490	<50	NA	NA	NA	NA	37.33	8.98	28.35	1.9/2.8
S-3 (D)	09/01/1998	9,200	NA	420	110	800	1,700	110	<50	NA	NA	NA	NA	37.33	8.98	28.35	1.9/2.8
S-3	12/30/1998	7,660	NA	240	103	410	834	64.9	NA	NA	NA	NA	NA	37.33	9.11	28.22	1.8/1.6
S-3	03/30/1999	2,070	NA	195	10.0	<5.00	48.6	354	64.6	NA	NA	NA	NA	37.33	6.95	30.38	1.3/1.5

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S-3	03/31/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	37.33	7.48	29.85	NA
S-3	06/14/1999	1,250	NA	37.4	17.4	110	109	118	NA	NA	NA	NA	NA	37.33	8.85	28.48	NA
S-3	09/30/1999	8,270	2,020a	226	113	686	1,440	184	NA	NA	NA	NA	NA	37.33	9.66	27.67	3.5/2.8
S-3	12/22/1999	9,530	2,270a	207	132	603	1,450	616	NA	NA	NA	NA	NA	37.33	9.50	27.83	0.98/0.8
S-3	03/09/2000	2,290d	1,600a	84.5d	17.0d	104d	105d	29.3d	NA	NA	NA	NA	NA	37.30	6.25	31.05	1.0/1.4
S-3	06/20/2000	5,570	2,900a	117	41.6	395	393	354	NA	NA	NA	NA	NA	37.30	9.67	27.63	1.8/2.0
S-3	09/05/2000	6,930	1,600a	127	85.5	354	535	509	NA	NA	NA	NA	NA	37.30	9.49	27.81	1.1/1.9
S-3	12/04/2000	8,390	1,460a	217	82.4	471	952	436	NA	NA	NA	NA	NA	37.30	9.23	28.07	1.1/1.5
S-3	12/12/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	37.30	9.23	28.07	NA
S-3	03/08/2001	19,400	1,720a	465	772	1,230	3,830	160	NA	NA	NA	NA	NA	37.30	8.17	29.13	1.1f
S-3	06/07/2001	12,000	1,400	230	110	900	1,100	120	NA	NA	NA	NA	NA	37.30	8.78	28.52	0.8/0.9
S-3	09/13/2001	32,000	<2,000	400	880	2,000	7,000	NA	<100	NA	NA	NA	NA	37.30	9.93	27.37	3.7/2.9
S-3	11/19/2001	26,000	<2,000	160	210	990	4,100	NA	<50	NA	NA	NA	NA	37.30	9.33	27.97	2.9/1.9
S-3	03/18/2002	3,800	810	61	120	130	620	NA	5.0	NA	NA	NA	NA	37.30	7.03	30.27	1.1/4.7
S-3	06/19/2002	3,200	<500	48	81	160	360	NA	9.4	NA	NA	NA	NA	37.30	8.92	28.38	NA
S-3	09/11/2002	16,000	<1,100	230	570	980	3,900	NA	<50	NA	NA	NA	NA	37.30	9.54	27.76	3.0
S-3	12/11/2002	16,000	<1,500	130	270	770	3,000	NA	<50	NA	NA	NA	NA	36.85	9.23	27.62	1.6
S-3	03/11/2003	8,100	<1,500	29	110	190	1,700	NA	<20	NA	NA	NA	NA	36.85	7.32	29.53	3.9
S-3	06/10/2003	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	36.85	NA	NA	NA
S-3	09/09/2003	5,900	640 a	44	140	130	1,500	NA	4.4	NA	NA	NA	NA	36.85	8.99	27.86	2.2
S-3	12/09/2003	27,000	1,500 a	130	460	550	4,900	NA	<20	NA	NA	NA	NA	36.85	7.67	29.18	1.6
S-3	03/09/2004	11,000	1,700 a	24	100	230	3,200	NA	<5.0	NA	NA	NA	NA	36.85	6.35	30.50	2.1
S-3	06/08/2004	1,700	1,100 a	11	34	29	420	NA	<2.5	NA	NA	NA	NA	36.85	8.25	28.60	0.1
S-3	09/07/2004	850	310 i	13	0.99	23	17	NA	7.0	<2.0	<2.0	<2.0	<5.0	36.85	9.05	27.80	0.1
S-3	12/06/2004	Unable to sample		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	36.85	7.70	29.15	NA
S-3	12/15/2004	620	270 i	1.9	7.8	10	180	NA	<0.50	NA	NA	NA	NA	36.85	5.83	31.02	2.4
S-4	03/29/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	39.06	8.37	30.69	NA
S-4	03/31/2000	20,900	5,780a	4,570	272	595	997	4,490	4,450c	NA	NA	NA	NA	39.06	8.92	30.14	1.8/1.2
S-4	06/20/2000	19,500	244a	4,590	309	723	1,290	3,740	NA	NA	NA	NA	NA	39.06	8.77	30.29	2.7/2.9

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S-4	09/05/2000	5,760	1,670a	841	54.2	162	115	1,040	NA	NA	NA	NA	NA	39.06	10.57	28.49	1.3/0.3
S-4	12/04/2000	3,990	1,050a	949	<10.0	118	48.3	1,120	NA	NA	NA	NA	NA	39.06	10.67	28.39	1.1/1.0
S-4	12/12/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	39.06	10.64	28.42	NA
S-4	03/08/2001	20,100	5,840a	5,210	105	381	281	2,520	NA	NA	NA	NA	NA	39.06	8.44	30.62	1.0/0.9
S-4	06/07/2001	11,000	3,500	2,500	86	370	170	2,000	NA	NA	NA	NA	NA	39.06	10.57	28.49	0.7/0.6
S-4	09/13/2001	4,200	<800	790	14	110	48	NA	690	NA	NA	NA	NA	39.06	11.27	27.79	3.8/3.9
S-4	11/19/2001	2,300	<600	230	4.1	21	22	NA	590	NA	NA	NA	NA	39.06	10.83	28.23	3.6/1.6
S-4	03/18/2002	Unable to sample		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	39.06	8.75	30.31	NA
S-4	03/29/2002	14,000	NA	1,700	30	280	250	NA	960	NA	NA	NA	NA	39.06	8.85 g	30.21	3.0/3.1
S-4	06/19/2002	4,700	<1,500	620	9.5	84	37	NA	490	NA	NA	NA	NA	NA	10.37 h	NA	NA
S-4	09/11/2002	2,700	280	280	4.6	23	13	NA	410	NA	NA	NA	NA	NA	11.14	NA	0.6
S-4	12/11/2002	3,300	<900	320	5.7	24	15	NA	420	NA	NA	NA	NA	38.69	10.78	27.91	2.2
S-4	03/11/2003	12,000	<5,600	1,900	63	360	280	NA	930	NA	NA	NA	NA	38.69	9.31	29.38	1.5
S-4	06/10/2003	13,000	3,100 a	2,400	86	650	380	NA	1,100	NA	NA	NA	NA	38.69	9.77	28.92	0.8
S-4	09/09/2003	3,700	1,700 a	510	12	43	43	NA	650	NA	NA	NA	NA	38.69	10.78	27.91	0.9
S-4	12/09/2003	3,900	390 a	150	4.2	7.5	13	NA	510	NA	NA	NA	NA	38.69	10.20	28.49	0.1
S-4	03/09/2004	13,000	3,100 a	2,500	110	810	1,100	NA	1,100	NA	NA	NA	NA	38.69	7.67	31.02	0.7
S-4	06/08/2004	6,100	1,400 a	870	30	120	150	NA	420	NA	NA	NA	NA	38.69	10.27	28.42	0.3
S-4	09/07/2004	3,100	890 i	290	6.4	18	14	NA	250	<10	<10	<10	140	38.69	10.91	27.78	0.1
S-4	12/06/2004	4,900	670 i	520	9.9	38	24	NA	290	NA	NA	NA	NA	38.69	10.03	28.66	0.2

S-5	05/31/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	9.54	NA	NA
S-5	06/19/2002	16,000	<2,000	2,600	320	180	1,600	NA	5,300	NA	NA	NA	NA	NA	9.87	NA	NA
S-5	09/11/2002	8,800	<1,200	1,500	64	89	120	NA	5,600	NA	NA	NA	NA	NA	10.28	NA	0.9
S-5	12/11/2002	4,400	<1,000	280	61	130	130	NA	4,000	NA	NA	NA	NA	NA	9.87	NA	2.9
S-5	03/11/2003	2,300	<900	28	5.6	59	15	NA	2,400	NA	NA	NA	NA	38.05	8.26	29.79	1.6
S-5	06/10/2003	2,400	620 a	11	7.2	56	38	NA	1,100	NA	NA	NA	NA	38.05	8.51	29.54	0.1
S-5	09/09/2003	3,700	660 a	23	14	44	150	NA	440	NA	NA	NA	NA	38.05	9.44	28.61	0.1
S-5	12/09/2003	12,000	600 a	200	80	41	320	NA	580	NA	NA	NA	NA	38.05	9.50	28.55	0.4
S-5	03/09/2004	2,300	550 a	130	3.5	6.9	13	NA	250	NA	NA	NA	NA	38.05	7.04	31.01	0.2



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**4411 Foothill Boulevard**  
**Oakland, CA**

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)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
S-5	06/08/2004	2,900	490 a	11	<2.5	8.9	18	NA	120	NA	NA	NA	NA	38.05	8.87	29.18	0.2
S-5	09/07/2004	3,600	650 i	17	11	12	30	NA	120	<10	<10	<10	3,700	38.05	9.45	28.60	0.1
S-5	12/06/2004	4,700	460 i	99	28	14	69	NA	180	NA	NA	NA	NA	38.05	8.75	29.30	0.1
BW-A	09/30/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	10.55	NA	2.3
BW-A	12/22/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	9.52	NA	2.2
BW-A	03/09/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3.99	NA	1.5
BW-A	06/20/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	9.69	NA	2.4
BW-A	09/05/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	9.43	NA	1.0
BW-A	12/04/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	8.96	NA	1.3
BW-A	12/12/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	8.71	NA	NA
BW-A	03/08/2001	<2,500	1,370a	46.6	<25.0	<25.0	<25.0	10,600	11,700	NA	NA	NA	NA	NA	6.38	NA	0.9/1.4
BW-A	06/07/2001	1,100	960	<10	<10	<10	17	7,200	NA	NA	NA	NA	NA	NA	9.82	NA	3.6/0.8
BW-A	09/13/2001	<2,000	460	<20	<20	<20	<50	NA	13,000	NA	NA	NA	NA	NA	10.49	NA	3.3/1.7
BW-A	11/19/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	9.89	NA	NA

**WELL CONCENTRATIONS**  
**Former Shell Service Station**  
**4411 Foothill Boulevard**  
**Oakland, CA**

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)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
---------	------	----------------	----------------	-------------	-------------	-------------	-------------	------------------------	------------------------	----------------	----------------	----------------	---------------	--------------	----------------------------	--------------------------	------------------------

Abbreviations:

TPPH = Total petroleum hydrocarbons as gasoline by EPA Method 8260B; prior to September 13, 2001, analyzed by EPA Method 8015.

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

BTEX = Benzene, toluene, ethylbenzene, xylenes by EPA Method 8260B; prior to September 13, 2001, analyzed by EPA Method 8020.

MTBE = Methyl tertiary butyl ether

DIPE = Di-isopropyl ether, analyzed by EPA Method 8260B

ETBE = Ethyl tertiary butyl ether, analyzed by EPA Method 8260B

TAME = Tertiary amyl methyl ether, analyzed by EPA Method 8260B

TBA = Tertiary butyl alcohol, analyzed by EPA Method 8260B

TOB = Top of Box Elevation

TOC = Top of Casing 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

n/n = Pre-purge/Post-purge

NA = Not applicable

**WELL CONCENTRATIONS**  
**Former Shell Service Station**  
**4411 Foothill Boulevard**  
**Oakland, CA**

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)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
---------	------	----------------	----------------	-------------	-------------	-------------	-------------	------------------------	------------------------	----------------	----------------	----------------	---------------	--------------	----------------------------	--------------------------	------------------------

Notes:

- a = Chromatogram pattern indicates an unidentified hydrocarbon/Hydrocarbon does not match pattern of laboratory's standard.
  - b = National Environmental Testing, Inc. (NET), analyzed within hold time but further dilutions were required and analyzed out of hold time.  
NET suggests that these should be considered minimum concentrations.
  - c = Sample analyzed outside the EPA recommended holding times.
  - d = Result reported was generated out of hold time.
  - e = Post-purge DO reading.
  - f = Pre-purge DO reading.
  - g = Estimated depth to water from top of box; TOB determined by using the survey data from 2/3/00 for the difference between TOB and TOC.
  - h = Estimated depth to water from TOB. Wellbox was destroyed. No new survey.
  - i = Hydrocarbon reported is in the early Diesel range and does not match the laboratory's standard.
- Wells S-1 through S-4 surveyed February 3, 2000 by Virgil Chavez Land Surveying of Vallejo, CA.  
Wells S-1 through S-4 surveyed March 5, 2002 by Virgil Chavez Land Surveying of Vallejo, CA.  
Beginning December 12, 2002, depth to water referenced to Top of Casing elevation.  
Well S-5 surveyed May 29, 2003 by Virgil Chavez Land Surveying of Vallejo, CA.

**Blaine Tech Services, Inc.**

December 29, 2004

1680 Rogers Avenue  
San Jose, CA 95112-1105  
Attn.: Leon Gearhart  
Project#: 041215-MD1  
Project: 98995746  
Site: 4411 Foothill Boulevard, Oakland

Dear Mr. Gearhart,

Attached is our report for your samples received on 12/16/2004 11:30

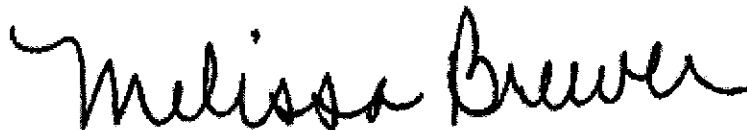
This report has been reviewed and approved for release. Reproduction of this report is permitted only in its entirety.

Please note that any unused portion of the samples will be discarded after 01/30/2005 unless you have requested otherwise.

We appreciate the opportunity to be of service to you. If you have any questions,

You can also contact me via email. My email address is: [mbrewer@stl-inc.com](mailto:mbrewer@stl-inc.com)

Sincerely,



Melissa Brewer  
Project Manager

**Gas/BTEX/MTBE by 8260B (C6-C12)**

Blaine Tech Services, Inc.

Attn.: Leon Gearhart

1680 Rogers Avenue

San Jose, CA 95112-1105

Phone: (408) 573-0555 Fax: (408) 573-7771

Project: 041215-MD1

98995746

Received: 12/16/2004 11:30

Site: 4411 Foothill Boulevard, Oakland

**Samples Reported**

Sample Name	Date Sampled	Matrix	Lab #
S-1	12/15/2004 07:35	Water	1
S-3	12/15/2004 07:50	Water	2

Severn Trent Laboratories, Inc.

STL San Francisco \* 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 \* www.stl-inc.com \* CA DHS ELAP# 2496

12/29/2004 17:27

**Gas/BTEX/MTBE by 8260B (C6-C12)**

Blaine Tech Services, Inc.

Attn.: Leon Gearhart

1680 Rogers Avenue

San Jose, CA 95112-1105

Phone: (408) 573-0555 Fax: (408) 573-7771

Project: 041215-MD1

98995746

Received: 12/16/2004 11:30

Site: 4411 Foothill Boulevard, Oakland

Prep(s): 5030B Test(s): 8260B  
 Sample ID: S-1 Lab ID: 2004-12-0633 - 1  
 Sampled: 12/15/2004 07:35 Extracted: 12/24/2004 16:33  
 Matrix: Water QC Batch#: 2004/12/24-1B.65

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	560	50	ug/L	1.00	12/24/2004 16:33	.
Benzene	2.2	0.50	ug/L	1.00	12/24/2004 16:33	
Toluene	26	0.50	ug/L	1.00	12/24/2004 16:33	
Ethylbenzene	67	0.50	ug/L	1.00	12/24/2004 16:33	
Total xylenes	220	1.0	ug/L	1.00	12/24/2004 16:33	
Methyl tert-butyl ether (MTBE)	1.4	0.50	ug/L	1.00	12/24/2004 16:33	
<b>Surrogate(s)</b>						
1,2-Dichloroethane-d4	109.5	73-130	%	1.00	12/24/2004 16:33	
Toluene-d8	102.7	81-114	%	1.00	12/24/2004 16:33	



**Gas/BTEX/MTBE by 8260B (C6-C12)**

Blaine Tech Services, Inc.

Attn.: Leon Gearhart

1680 Rogers Avenue

San Jose, CA 95112-1105

Phone: (408) 573-0555 Fax: (408) 573-7771

Project: 041215-MD1

98995746

Received: 12/16/2004 11:30

Site: 4411 Foothill Boulevard, Oakland

**Batch QC Report**

Prep(s): 5030B

Method Blank

MB: 2004/12/24-1B.65-015

Water

Test(s): 8260B

QC Batch # 2004/12/24-1B.65

Date Extracted: 12/24/2004 09:15

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline [Shell]	ND	50	ug/L	12/24/2004 09:15	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	12/24/2004 09:15	
Benzene	ND	0.5	ug/L	12/24/2004 09:15	
Toluene	ND	0.5	ug/L	12/24/2004 09:15	
Ethylbenzene	ND	0.5	ug/L	12/24/2004 09:15	
Total xylenes	ND	1.0	ug/L	12/24/2004 09:15	
<b>Surrogates(s)</b>					
1,2-Dichloroethane-d4	104.8	73-130	%	12/24/2004 09:15	
Toluene-d8	103.2	81-114	%	12/24/2004 09:15	



**Gas/BTEX/MTBE by 8260B (C6-C12)**

Blaine Tech Services, Inc.

Attn.: Leon Gearhart

1680 Rogers Avenue  
San Jose, CA 95112-1105  
Phone: (408) 573-0555 Fax: (408) 573-7771

Project: 041215-MD1  
98995746

Received: 12/16/2004 11:30

Site: 4411 Foothill Boulevard, Oakland

**Batch QC Report**

Prep(s): 5030B

Test(s): 8260B

**Laboratory Control Spike**

**Water**

**QC Batch # 2004/12/24-1B.65**

LCS 2004/12/24-1B.65-050  
LCSD

Extracted: 12/24/2004

Analyzed: 12/24/2004 08:50

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Methyl tert-butyl ether (MTBE)	23.0		25	92.0			65-165	20		
Benzene	27.2		25	108.8			69-129	20		
Toluene	27.2		25	108.8			70-130	20		
<b>Surrogates(s)</b>										
1,2-Dichloroethane-d4	434		500	86.8			73-130			
Toluene-d8	505		500	101.0			81-114			

**Gas/BTEX/MTBE by 8260B (C6-C12)**

Blaine Tech Services, Inc.

Attn.: Leon Gearhart

1680 Rogers Avenue

San Jose, CA 95112-1105

Phone: (408) 573-0555 Fax: (408) 573-7771

Project: 041215-MD1

98995746

Received: 12/16/2004 11:30

Site: 4411 Foothill Boulevard, Oakland

**Batch QC Report**

Prep(s): 5030B

Test(s): 8260B

**Matrix Spike ( MS / MSD )**

**Water**

**QC Batch # 2004/12/24-1B.65**

MS/MSD

Lab ID: 2004-12-0642 - 001

MS: 2004/12/24-1B.65-053

Extracted: 12/24/2004

Analyzed: 12/24/2004 11:53

Dilution: 1.00

MSD: 2004/12/24-1B.65-019

Extracted: 12/24/2004

Analyzed: 12/24/2004 12:19

Dilution: 1.00

Compound	Conc. ug/L			Spk.Level ug/L	Recovery %			Limits %		Flags	
	MS	MSD	Sample		MS	MSD	RPD	Rec.	RPD	MS	MSD
Benzene	26.3	27.6	ND	25	105.2	110.4	4.8	69-129	20		
Toluene	27.1	27.8	ND	25	108.4	111.2	2.6	70-130	20		
Methyl tert-butyl ether	87.0	81.5	58.9	25	112.4	90.4	21.7	65-165	20		R3
<b>Surrogate(s)</b>											
1,2-Dichloroethane-d4	453	443		500	90.6	88.7		73-130			
Toluene-d8	513	514		500	102.6	102.8		81-114			

**Gas/BTEX/MTBE by 8260B (C6-C12)**

Blaine Tech Services, Inc.

Attn.: Leon Gearhart

1680 Rogers Avenue

San Jose, CA 95112-1105

Phone: (408) 573-0555 Fax: (408) 573-7771

Project: 041215-MD1

98995746

Received: 12/16/2004 11:30

Site: 4411 Foothill Boulevard, Oakland

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**Legend and Notes**

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**Result Flag**

R3

RPD exceeds limits due to matrix interf.; % recovs. within limits.

**Diesel (C9-C24)**

Blaine Tech Services, Inc.

Attn.: Leon Gearhart

1680 Rogers Avenue

San Jose, CA 95112-1105

Phone: (408) 573-0555 Fax: (408) 573-7771

Project: 041215-MD1

98995746

Received: 12/16/2004 11:30

Site: 4411 Foothill Boulevard, Oakland

**Samples Reported**

Sample Name	Date Sampled	Matrix	Lab #
S-1	12/15/2004 07:35	Water	1
S-3	12/15/2004 07:50	Water	2

Severn Trent Laboratories, Inc.

STL San Francisco \* 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 \* www.stl-inc.com \* CA DHS ELAP# 2496

12/29/2004 12:57

**Diesel (C9-C24)**

Blaine Tech Services, Inc.  
Attn.: Leon Gearhart

1680 Rogers Avenue  
San Jose, CA 95112-1105  
Phone: (408) 573-0555 Fax: (408) 573-7771

Project: 041215-MD1  
98995746

Received: 12/16/2004 11:30

Site: 4411 Foothill Boulevard, Oakland

Prep(s): 3511	Test(s): 8015M
Sample ID: S-1	Lab ID: 2004-12-0633 - 1
Sampled: 12/15/2004 07:35	Extracted: 12/22/2004 15:49
Matrix: Water	QC Batch#: 2004/12/22-08.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	120	50	ug/L	1.00	12/24/2004 18:28	edr
<i>Surrogate(s)</i> o-Terphenyl	98.9	78-177	%	1.00	12/24/2004 18:28	

**Diesel (C9-C24)**

Blaine Tech Services, Inc.

Attn.: Leon Gearhart

1680 Rogers Avenue

San Jose, CA 95112-1105

Phone: (408) 573-0555 Fax: (408) 573-7771

Project: 041215-MD1

98995746

Received: 12/16/2004 11:30

Site: 4411 Foothill Boulevard, Oakland

Prep(s): 3511	Test(s): 8015M
Sample ID: S-3	Lab ID: 2004-12-0633 - 2
Sampled: 12/15/2004 07:50	Extracted: 12/22/2004 15:49
Matrix: Water	QC Batch#: 2004/12/22-08.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	270	50	ug/L	1.00	12/27/2004 16:15	edr
<b>Surrogate(s)</b>						
o-Terphenyl	124.3	78-177	%	1.00	12/27/2004 16:15	

**Diesel (C9-C24)**

Blaine Tech Services, Inc.

Attn.: Leon Gearhart

1680 Rogers Avenue  
San Jose, CA 95112-1105  
Phone: (408) 573-0555 Fax: (408) 573-7771

Project: 041215-MD1  
98995746

Received: 12/16/2004 11:30

Site: 4411 Foothill Boulevard, Oakland

**Batch QC Report**

Prep(s): 3511

**Method Blank**

MB: 2004/12/22-08.10-001

**Water**

Test(s): 8015M

**QC Batch # 2004/12/22-08.10**

Date Extracted: 12/22/2004 15:49

Compound	Conc.	RL	Unit	Analyzed	Flag
Diesel	ND	50	ug/L	12/24/2004 14:50	
<b>Surrogates(s)</b> o-Terphenyl	107.4	78-177	%	12/24/2004 14:50	

**Diesel (C9-C24)**

Blaine Tech Services, Inc.

Attn.: Leon Gearhart

1680 Rogers Avenue  
San Jose, CA 95112-1105  
Phone: (408) 573-0555 Fax: (408) 573-7771

Project: 041215-MD1  
98995746

Received: 12/16/2004 11:30

Site: 4411 Foothill Boulevard, Oakland

**Batch QC Report**

Prep(s): 3511

Test(s): 8015M

**Laboratory Control Spike**

**Water**

**QC Batch # 2004/12/22-08.10**

LCS 2004/12/22-08.10-002

Extracted: 12/22/2004

Analyzed: 12/24/2004 15:17

LCSD 2004/12/22-08.10-003

Extracted: 12/22/2004

Analyzed: 12/24/2004 15:44

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Diesel	572	586	680	84.1	86.2	2.5	60-150	25		
<b>Surrogates(s)</b> o-Terphenyl	1.26	1.28	1.25	100.7	102.7		78-177	0		



**Diesel (C9-C24)**

Blaine Tech Services, Inc.

Attn.: Leon Gearhart

1680 Rogers Avenue

San Jose, CA 95112-1105

Phone: (408) 573-0555 Fax: (408) 573-7771

Project: 041215-MD1

98995746

Received: 12/16/2004 11:30

Site: 4411 Foothill Boulevard, Oakland

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**Legend and Notes**

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**Result Flag**

edr

Hydrocarbon reported is in the early Diesel range, and does not match our Diesel standard

Shell Project Manager to be invoiced:

SCIENCE & ENGINEERING  
 TECHNICAL SERVICES  
 CRMT HOUSTON

Karen Petryna

2004-12-0633

INCIDENT NUMBER (S&E ONLY)

9 8 9 9 5 7 4 6

SAP or CRMT NUMBER (TS/CRMT)

DATE: 12/15/04

PAGE: 1 of 1

<b>CLIENT COMPANY</b> Blaine Tech Services 1680 Rogers Avenue, San Jose, CA 95112 PROJECT CONTACT (Name, Phone or FAX Number) Leon Gearhart TELEPHONE: 408-573-0555 FAX: 408-573-7771 EMAIL: lgearhart@blainetech.com		<b>LOG CODE</b> BTSS		<b>SITE ADDRESS (Street and City)</b> 4411 Foothill Boulevard, Oakland		<b>GENERAL NO.</b> T0600101065	
<b>EDF DELIVERABLES (If Deliverables (Type or Description)</b> Anni Kreni 510-420-3335		<b>EDF NO.</b> 041215-M01		<b>EDF NO.</b> ShellOaklandEDF@cambrja-env.com		<b>BTS #</b> LAB USE ONLY	

*John DeLong*


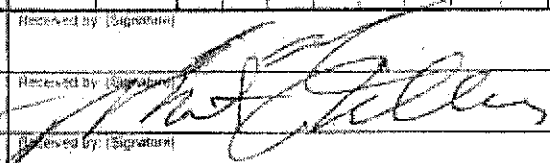
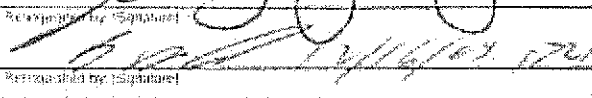
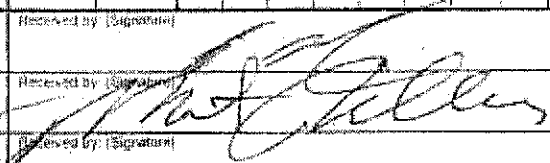
**TURNAROUND TIME (BUSINESS DAYS)**  
 10 DAYS  5 DAYS  72 HOURS  18 HOURS  24 HOURS  LESS THAN 24 HOURS

REQUESTED ANALYSIS

LA - DWQES REPORT FORMAT  USE AGENCY  
 GC/MS MS/MS CONFIRMATION: HIGHEST \_\_\_\_\_ HIGHEST per SCREENING \_\_\_\_\_ ALL \_\_\_\_\_  
 SPECIAL INSTRUCTIONS OR NOTES: CHECK BOX IF EDTS NOT NEEDED

LAB USE ONLY	Field Sample Identification	SAMPLING		MATRIX	NO. OF CONT.	TPH - Gas, Purgeable	BTEX	MTBE (8621B - Spbb RL)	MTBE (8260B - 0.5ppb RL)	Oxygenates (8) by (8260B)	Ethanol (8260B)	Methanol	1,2-DCA (8250B)	EDB (8260B)	TPH - Diesel, Extractable (8015m)	Nitrate	Sulfate	Ferrous Ion	MTBE (8250B) Confirmation, See Note	TEMPERATURE ON RECEIPT (C)	
		DATE	TIME																		
	S-1	12/15/04	0735 W	G	6	X	X		X						X						
	S-3	↓	0750 ↓	G	6	X	X		X						X						

**FIELD NOTES:**  
 Container Preservative or PID Readings or Laboratory Notes  
 2<sup>rc</sup>

Requisitioned by (Signature) 	Received by (Signature) 	Date: 12/16/04	Time: 1130
Requisitioned by (Signature) 	Received by (Signature) 	Date: 12/16/04	Time: 1725

**Blaine Tech Services, Inc.**

December 21, 2004

1680 Rogers Avenue  
San Jose, CA 95112-1105  
Attn.: Leon Gearhart  
Project#: BTS#041206-SS1  
Project: 98995746  
Site: 4411 Foothill Boulevard, Oakland

Dear Mr. Gearhart,

Attached is our report for your samples received on 12/07/2004 15:10  
This report has been reviewed and approved for release. Reproduction of this report  
is permitted only in its entirety.

Please note that any unused portion of the samples will be discarded after  
01/21/2005 unless you have requested otherwise.

We appreciate the opportunity to be of service to you. If you have any questions,

You can also contact me via email. My email address is: [mbrewer@stl-inc.com](mailto:mbrewer@stl-inc.com)

Sincerely,



Melissa Brewer  
Project Manager

**Diesel (C9-C24)**

Blaine Tech Services, Inc.

Attn.: Leon Gearhart

1680 Rogers Avenue

San Jose, CA 95112-1105

Phone: (408) 573-0555 Fax: (408) 573-7771

Project: BTS#041206-SS1

98995746

Received: 12/07/2004 15:10

Site: 4411 Foothill Boulevard, Oakland

**Samples Reported**

Sample Name	Date Sampled	Matrix	Lab #
S-2	12/06/2004 10:15	Water	1
S-4	12/06/2004 10:00	Water	2
S-5	12/06/2004 09:50	Water	3

Severn Trent Laboratories, Inc.

STL San Francisco \* 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 \* www.stl-inc.com \* CA DHS ELAP# 2496

12/18/2004 17:21

**Diesel (C9-C24)**

Blaine Tech Services, Inc.

Attn.: Leon Gearhart

1680 Rogers Avenue

San Jose, CA 95112-1105

Phone: (408) 573-0555 Fax: (408) 573-7771

Project: BTS#041206-SS1  
98995746

Received: 12/07/2004 15:10

Site: 4411 Foothill Boulevard, Oakland

Prep(s): 3511 Test(s): 8015M  
 Sample ID: S-2 Lab ID: 2004-12-0401 - 1  
 Sampled: 12/06/2004 10:15 Extracted: 12/11/2004 08:18  
 Matrix: Water QC Batch#: 2004/12/11-02.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	140	50	ug/L	1.00	12/15/2004 11:29	ndp
<i>Surrogate(s)</i> o-Terphenyl	89.8	78-177	%	1.00	12/15/2004 11:29	

**Diesel (C9-C24)**

Blaine Tech Services, Inc.

Attn.: Leon Gearhart

1680 Rogers Avenue

San Jose, CA 95112-1105

Phone: (408) 573-0555 Fax: (408) 573-7771

Project: BTS#041206-SS1

98995746

Received: 12/07/2004 15:10

Site: 4411 Foothill Boulevard, Oakland

Prep(s): 3511	Test(s): 8015M
Sample ID: S-4	Lab ID: 2004-12-0401 - 2
Sampled: 12/06/2004 10:00	Extracted: 12/11/2004 08:18
Matrix: Water	QC Batch#: 2004/12/11-02.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	670	50	ug/L	1.00	12/15/2004 11:56	edr
<b>Surrogate(s)</b>						
o-Terphenyl	101.1	78-177	%	1.00	12/15/2004 11:56	



**Diesel (C9-C24)**

Blaine Tech Services, Inc.

Attn.: Leon Gearhart

1680 Rogers Avenue

San Jose, CA 95112-1105

Phone: (408) 573-0555 Fax: (408) 573-7771

Project: BTS#041206-SS1

98995746

Received: 12/07/2004 15:10

Site: 4411 Foothill Boulevard, Oakland

**Batch QC Report**

Prep(s): 3511

Method Blank

MB: 2004/12/11-02.10-001

Water

Test(s): 8015M

QC Batch # 2004/12/11-02.10

Date Extracted: 12/11/2004 08:18

Compound	Conc.	RL	Unit	Analyzed	Flag
Diesel	ND	50	ug/L	12/13/2004 11:15	
<b>Surrogates(s)</b> o-Terphenyl	100.8	78-177	%	12/13/2004 11:15	



**Diesel (C9-C24)**

Blaine Tech Services, Inc.

Attn.: Leon Gearhart

1680 Rogers Avenue

San Jose, CA 95112-1105

Phone: (408) 573-0555 Fax: (408) 573-7771

Project: BTS#041206-SS1

98995746

Received: 12/07/2004 15:10

Site: 4411 Foothill Boulevard, Oakland

**Batch QC Report**

Prep(s): 3511

Test(s): 8015M

**Laboratory Control Spike**

**Water**

**QC Batch # 2004/12/11-02.10**

LCS 2004/12/11-02.10-002

Extracted: 12/11/2004

Analyzed: 12/13/2004 11:42

LCSD 2004/12/11-02.10-003

Extracted: 12/11/2004

Analyzed: 12/13/2004 12:09

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Diesel	483	500	680	71.0	73.5	3.5	60-150	25		
<i>Surrogates(s)</i> o-Terphenyl	1.13	1.09	1.25	90.2	87.0		78-177	0		

**Diesel (C9-C24)**

Blaine Tech Services, Inc.

Attn.: Leon Gearhart

1680 Rogers Avenue

San Jose, CA 95112-1105

Phone: (408) 573-0555 Fax: (408) 573-7771

Project: BTS#041206-SS1  
98995746

Received: 12/07/2004 15:10

Site: 4411 Foothill Boulevard, Oakland

---

**Legend and Notes**

---

**Result Flag**

edr

Hydrocarbon reported is in the early Diesel range, and does not match our Diesel standard

ndp

Hydrocarbon reported does not match the pattern of our Diesel standard

**Gas/BTEX/MTBE by 8260B (C6-C12)**

Blaine Tech Services, Inc.

Attn.: Leon Gearhart

1680 Rogers Avenue

San Jose, CA 95112-1105

Phone: (408) 573-0555 Fax: (408) 573-7771

Project: BTS#041206-SS1  
98995746

Received: 12/07/2004 15:10

Site: 4411 Foothill Boulevard, Oakland

**Samples Reported**

Sample Name	Date Sampled	Matrix	Lab #
S-2	12/06/2004 10:15	Water	1
S-4	12/06/2004 10:00	Water	2
S-5	12/06/2004 09:50	Water	3

Severn Trent Laboratories, Inc.

STL San Francisco \* 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 \* www.stl-inc.com \* CA DHS ELAP# 2496

12/19/2004 15:56

**Gas/BTEX/MTBE by 8260B (C6-C12)**

Blaine Tech Services, Inc.

Attn.: Leon Gearhart

1680 Rogers Avenue

San Jose, CA 95112-1105

Phone: (408) 573-0555 Fax: (408) 573-7771

 Project: BTS#041206-SS1  
98995746

Received: 12/07/2004 15:10

Site: 4411 Foothill Boulevard, Oakland

Prep(s): 5030B	Test(s): 8260B
Sample ID: S-2	Lab ID: 2004-12-0401 - 1
Sampled: 12/06/2004 10:15	Extracted: 12/19/2004 03:34
Matrix: Water	QC Batch#: 2004/12/18-2B.65
Analysis Flag: L2 ( See Legend and Note Section )	

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	260	100	ug/L	2.00	12/19/2004 03:34	
Benzene	26	1.0	ug/L	2.00	12/19/2004 03:34	
Toluene	ND	1.0	ug/L	2.00	12/19/2004 03:34	
Ethylbenzene	2.0	1.0	ug/L	2.00	12/19/2004 03:34	
Total xylenes	ND	2.0	ug/L	2.00	12/19/2004 03:34	
Methyl tert-butyl ether (MTBE)	270	1.0	ug/L	2.00	12/19/2004 03:34	
<b>Surrogate(s)</b>						
1,2-Dichloroethane-d4	114.3	73-130	%	2.00	12/19/2004 03:34	
Toluene-d8	109.6	81-114	%	2.00	12/19/2004 03:34	

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12/19/2004 15:56

**Gas/BTEX/MTBE by 8260B (C6-C12)**

Blaine Tech Services, Inc.

Attn.: Leon Gearhart

1680 Rogers Avenue

San Jose, CA 95112-1105

Phone: (408) 573-0555 Fax: (408) 573-7771

Project: BTS#041206-SS1  
98995746

Received: 12/07/2004 15:10

Site: 4411 Foothill Boulevard, Oakland

Prep(s): 5030B Test(s): 8260B  
 Sample ID: S-4 Lab ID: 2004-12-0401 - 2  
 Sampled: 12/06/2004 10:00 Extracted: 12/19/2004 03:59  
 Matrix: Water QC Batch#: 2004/12/18-2B.65  
 Analysis Flag: L2 ( See Legend and Note Section )

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	4900	250	ug/L	5.00	12/19/2004 03:59	
Benzene	520	2.5	ug/L	5.00	12/19/2004 03:59	
Toluene	9.9	2.5	ug/L	5.00	12/19/2004 03:59	
Ethylbenzene	38	2.5	ug/L	5.00	12/19/2004 03:59	
Total xylenes	24	5.0	ug/L	5.00	12/19/2004 03:59	
Methyl tert-butyl ether (MTBE)	290	2.5	ug/L	5.00	12/19/2004 03:59	
<b>Surrogate(s)</b>						
1,2-Dichloroethane-d4	123.8	73-130	%	5.00	12/19/2004 03:59	
Toluene-d8	108.6	81-114	%	5.00	12/19/2004 03:59	

**Gas/BTEX/MTBE by 8260B (C6-C12)**

Blaine Tech Services, Inc.

Attn.: Leon Gearhart

1680 Rogers Avenue

San Jose, CA 95112-1105

Phone: (408) 573-0555 Fax: (408) 573-7771

 Project: BTS#041206-SS1  
98995746

Received: 12/07/2004 15:10

Site: 4411 Foothill Boulevard, Oakland

Prep(s):	5030B	Test(s):	8260B
Sample ID:	S-5	Lab ID:	2004-12-0401 - 3
Sampled:	12/06/2004 09:50	Extracted:	12/19/2004 04:25
Matrix:	Water	QC Batch#:	2004/12/18-2B.65
Analysis Flag: L2 ( See Legend and Note Section )			

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	4700	250	ug/L	5.00	12/19/2004 04:25	
Benzene	99	2.5	ug/L	5.00	12/19/2004 04:25	
Toluene	28	2.5	ug/L	5.00	12/19/2004 04:25	
Ethylbenzene	14	2.5	ug/L	5.00	12/19/2004 04:25	
Total xylenes	69	5.0	ug/L	5.00	12/19/2004 04:25	
Methyl tert-butyl ether (MTBE)	180	2.5	ug/L	5.00	12/19/2004 04:25	
<b>Surrogate(s)</b>						
1,2-Dichloroethane-d4	119.2	73-130	%	5.00	12/19/2004 04:25	
Toluene-d8	111.5	81-114	%	5.00	12/19/2004 04:25	

Severn Trent Laboratories, Inc.

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Tel 925 484 1919 Fax 925 484 1096 \* www.stl-inc.com \* CA DHS ELAP# 2496

12/19/2004 15:56

**Gas/BTEX/MTBE by 8260B (C6-C12)**

Blaine Tech Services, Inc.

Attn.: Leon Gearhart

1680 Rogers Avenue  
San Jose, CA 95112-1105  
Phone: (408) 573-0555 Fax: (408) 573-7771

Project: BTS#041206-SS1  
98995746

Received: 12/07/2004 15:10

Site: 4411 Foothill Boulevard, Oakland

**Batch QC Report**

Prep(s): 5030B

Method Blank

MB: 2004/12/18-2B.65-056

Water

Test(s): 8260B

QC Batch # 2004/12/18-2B.65

Date Extracted: 12/18/2004 18:56

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline [Shell]	ND	50	ug/L	12/18/2004 18:56	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	12/18/2004 18:56	
Benzene	ND	0.5	ug/L	12/18/2004 18:56	
Toluene	ND	0.5	ug/L	12/18/2004 18:56	
Ethylbenzene	ND	0.5	ug/L	12/18/2004 18:56	
Total xylenes	ND	1.0	ug/L	12/18/2004 18:56	
<b>Surrogates(s)</b>					
1,2-Dichloroethane-d4	95.4	73-130	%	12/18/2004 18:56	
Toluene-d8	99.6	81-114	%	12/18/2004 18:56	

**Gas/BTEX/MTBE by 8260B (C6-C12)**

Blaine Tech Services, Inc.

Attn.: Leon Gearhart

1680 Rogers Avenue

San Jose, CA 95112-1105

Phone: (408) 573-0555 Fax: (408) 573-7771

Project: BTS#041206-SS1

98995746

Received: 12/07/2004 15:10

Site: 4411 Foothill Boulevard, Oakland

**Batch QC Report**

Prep(s): 5030B

Test(s): 8260B

**Laboratory Control Spike**

**Water**

**QC Batch # 2004/12/18-2B.65**

LCS 2004/12/18-2B.65-030

Extracted: 12/18/2004

Analyzed: 12/18/2004 18:30

LCSD

Compound	Conc. ug/L		Exp. Conc.	Recovery %		RPD	Ctrl. Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Methyl tert-butyl ether (MTBE)	21.9		25	87.6			65-165	20		
Benzene	22.9		25	91.6			69-129	20		
Toluene	24.0		25	96.0			70-130	20		
<b>Surrogates(s)</b>										
1,2-Dichloroethane-d4	441		500	88.2			73-130			
Toluene-d8	511		500	102.2			81-114			

Severn Trent Laboratories, Inc.

STL San Francisco \* 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 \* www.stl-inc.com \* CA DHS ELAP# 2496

12/19/2004 15:56



**Gas/BTEX/MTBE by 8260B (C6-C12)**

Blaine Tech Services, Inc.

Attn.: Leon Gearhart

1680 Rogers Avenue

San Jose, CA 95112-1105

Phone: (408) 573-0555 Fax: (408) 573-7771

Project: BTS#041206-SS1  
98995746

Received: 12/07/2004 15:10

Site: 4411 Foothill Boulevard, Oakland

**Batch QC Report**

Prep(s): 5030B

Test(s): 8260B

**Matrix Spike ( MS / MSD )**

**Water**

**QC Batch # 2004/12/18-2B.65**

MS/MSD

Lab ID: 2004-12-0445 - 002

MS: 2004/12/18-2B.65-053

Extracted: 12/18/2004

Analyzed: 12/18/2004 19:53

Dilution: 1.00

MSD: 2004/12/18-2B.65-019

Extracted: 12/18/2004

Analyzed: 12/18/2004 20:19

Dilution: 1.00

Compound	Conc. ug/L			Spk.Level ug/L	Recovery %			Limits %		Flags	
	MS	MSD	Sample		MS	MSD	RPD	Rec.	RPD	MS	MSD
Benzene	22.1	23.7	ND	25	88.4	94.8	7.0	69-129	20		
Toluene	22.5	24.5	ND	25	90.0	98.0	8.5	70-130	20		
Methyl tert-butyl ether	321	331	291	25	120.0	160.0	28.6	65-165	20		R1
<b>Surrogate(s)</b>											
1,2-Dichloroethane-d4	421	428		500	84.2	85.6		73-130			
Toluene-d8	500	521		500	100.0	104.2		81-114			

**Gas/BTEX/MTBE by 8260B (C6-C12)**

Blaine Tech Services, Inc.

Attn.: Leon Gearhart

1680 Rogers Avenue

San Jose, CA 95112-1105

Phone: (408) 573-0555 Fax: (408) 573-7771

Project: BTS#041206-SS1  
98995746

Received: 12/07/2004 15:10

Site: 4411 Foothill Boulevard, Oakland

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**Legend and Notes**

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**Analysis Flag**

L2

Reporting limits were raised due to high level of analyte present in the sample.

**Result Flag**

R1

Analyte RPD was out of QC limits.

Lab Identification (if necessary)

Address

City, State, Zip

Shell Project Manager to be invoiced:

- SCIENCE & ENGINEERING
- TECHNICAL SERVICES
- CRMT HOUSTON

Karen Petryna

2004-12-0401

INCIDENT NUMBER (S&E ONLY)

9 8 9 9 5 7 4 6

SAP or CRMT NUMBER (TS/CRMT)

DATE: 12/6/04

PAGE: 1 of 1

ANALYST (S&E/CRMT)	USE CODE	SITE ADDRESS (Street and City)	ALCOHOL NO.
Blaine Tech Services	BTSS	4411 Foothill Boulevard, Oakland	T0600101065
ADDRESS	EDF DELIVERABLE TO (Responsible Party or Group)	PHONE NO.	CONTRACT PRODUCT NO.
1680 Rogers Avenue, San Jose, CA 95112	Anni Kroml	610-420-3335	041206-551
PROJECT OR CONTRACT (Hardcopy or PDF Report to)	ANALYST NAME (S&E/CRMT)	EMAIL	BTS #
Leon Gearhart		ShellOaklandEDF@cambria-env.com	
TELEPHONE	FAX	EMAIL	LAB USE ONLY
408-573-0555	408-573-7771	lgearhart@blainetech.com	

SUTHERN SUNG

TURNAROUND TIME (BUSINESS DAYS):

16 DAYS  5 DAYS  72 HOURS  48 HOURS  24 HOURS  LESS THAN 24 HOURS

LA RWQCB REPORT FORMAT:  USE AGENCY:

GDMS MTBE CONFIRMATION: HIGHEST \_\_\_\_\_ HIGHEST PER BORING \_\_\_\_\_ ALL \_\_\_\_\_

SPECIAL INSTRUCTIONS OR NOTES: CHECK BOX IF EDF IS NOT NEEDED

REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification	SAMPLING		MATRIX	NO. OF CONT.	TPH - Gas, Purgeable	BTEX	MTBE (#021B - 5ppb RL)	MTBE (#260B - 0.5ppb RL)	Oxygenates (% by (#260B))	Ethanol (#260B)	Methanol	1,2-DCA (#260B)	EDB (#260B)	TPH - Diesel, Extractable (#x10m)	Nitrate	Sulfate	Ferrous Iron	MTBE (#260B) Confirmation, See Note	TEMPERATURE ON RECEIPT C°	
		DATE	TIME																		
	S-2	12/6/04	10:55	GW	6	X	X	X							X						
	S-4		1000			X	X	X							X						
	S-5		950			X	X	X							X						

FIELD NOTES:

Container/Preservative or PID Readings or Laboratory Notes

30C

Requested by (Signature)	Received by (Signature)	Date	Time
<i>[Signature]</i>	<i>[Signature]</i>	12/7/04	1510
Requested by (Signature)	Received by (Signature)	Date	Time
<i>[Signature]</i>	<i>[Signature]</i>	12/7/04	1817
Requested by (Signature)	Received by (Signature)	Date	Time
<i>[Signature]</i>	Deuse Harrington / STL-SF	12/7/04	1850

DISTRIBUTION: White with final report, Green to File, Yellow and Pink to Client

161650 Revision

Shell Project Manager to be invoiced: Karen Petryna

## WELL GAUGING DATA

Project # 041215-MD1 Date 12/15/04 Client SRCD

Site 4011 Foothill Blvd, 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-1	4					5.39	24.40	↓
S-3	4					5.83	20.00	↓

## SHELL WELL MONITORING DATA SHEET

BTS #: <u>041215-WW1</u>	Site: <u>95995746</u>
Sampler: <u>MW</u>	Date: <u>12/15/04</u>
Well I.D.: <u>5-1</u>	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth (TD): <u>24.40</u>	Depth to Water (DTW): <u>5.39</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): <u>YSP</u> HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: <u>9.19</u>	

Purge Method: Bailer  Waterra  Sampling Method:  Bailer  
 Disposable Bailer  Peristaltic  Disposable Bailer   
 Positive Air Displacement  Extraction Pump  Extraction Port   
 Electric Submersible  Other \_\_\_\_\_ Dedicated Tubing

$\frac{12.4 \text{ (Gals.)} \times 3}{\text{Specified Volumes}} = \frac{37.2 \text{ Gals.}}{\text{Calculated Volume}}$	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Well Diameter</th> <th>Multiplier</th> <th>Well Diameter</th> <th>Multiplier</th> </tr> </thead> <tbody> <tr> <td>1"</td> <td>0.04</td> <td>4"</td> <td>0.65</td> </tr> <tr> <td>2"</td> <td>0.16</td> <td>6"</td> <td>1.47</td> </tr> <tr> <td>3"</td> <td>0.37</td> <td>Other</td> <td>radius<sup>2</sup> * 0.163</td> </tr> </tbody> </table>	Well Diameter	Multiplier	Well Diameter	Multiplier	1"	0.04	4"	0.65	2"	0.16	6"	1.47	3"	0.37	Other	radius <sup>2</sup> * 0.163
Well Diameter	Multiplier	Well Diameter	Multiplier														
1"	0.04	4"	0.65														
2"	0.16	6"	1.47														
3"	0.37	Other	radius <sup>2</sup> * 0.163														

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
<del>0700</del>	62.2	9.4	954	50	12.5	oily, cloudy
0703	64.3	8.9	879	99	25	clear, oil
					<del>26.0</del> <u>37.5</u>	DTW = 21.91
0735	64.2	9.5	876	50	-	clear

Did well dewater?  Yes  No      Gallons actually evacuated: 26

Sampling Date: 12/15/04      Sampling Time: 0735      Depth to Water: 19.1 @ scf

Sample I.D.: 5-1      Laboratory: STL Other: Depark

Analyzed for:  TPH-G  BTEX  MTBE  TPH-D Other: \_\_\_\_\_

EB I.D. (if applicable): \_\_\_\_\_ @ \_\_\_\_\_ Time      Duplicate I.D. (if applicable): \_\_\_\_\_

Analyzed for: TPH-G BTEX MTBE TPH-D Other: \_\_\_\_\_

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	31.7	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:		mV

## SHELL WELL MONITORING DATA SHEET

BTS #: <u>041215-MND 1</u>	Site: <u>95995746</u>
Sampler: <u>MND</u>	Date: <u>12/15/04</u>
Well I.D.: <u>S-3</u>	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth (TD): <u>20.00</u>	Depth to Water (DTW): <u>5.83</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): <u>YSI</u> HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: <u>8.69</u>	

Purge Method:  Bailer       Waterra      Sampling Method:  Bailer  
 Disposable Bailer       Peristaltic       Disposable Bailer  
 Positive Air Displacement       Extraction Pump       Extraction Port  
 Electric Submersible       Other \_\_\_\_\_       Dedicated Tubing

<u>9.2</u> (Gals.) X <u>3</u> = <u>27.6</u> Gals.		
I Case Volume	Specified Volumes	Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius <sup>2</sup> * 0.163

Time	Temp (°F)	pH	Cond. (mS or <del>µS</del> )	Turbidity (NTUs)	Gals. Removed	Observations
0710	64.7	<del>7.1</del>	499	30	9.5	clear, odor
0712	65.3	6.2	456	13	19	"
	well dewatered @				20	DTW = 18.11
0750	64.7		466	17	-	clear

Did well dewater?  Yes     No      Gallons actually evacuated: 20

Sampling Date: 12/15/04    Sampling Time: 0750    Depth to Water: 15.20 @ site

Sample I.D.: S-3      Laboratory: STL    Other: D-ppu7

Analyzed for:  TPH-G     BTEX     MTBE     TPH-D    Other: \_\_\_\_\_

EB I.D. (if applicable): \_\_\_\_\_ @ \_\_\_\_\_ Time      Duplicate I.D. (if applicable): \_\_\_\_\_

Analyzed for: TPH-G    BTEX    MTBE    TPH-D    Other: \_\_\_\_\_

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
			<u>7.4</u>	
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

WELL GAUGING DATA

Project # 041206-551 Date 12/6/04 Client 28995746

Site 4411 Foothill Blvd. 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-1	4	<del>well is in fence lot unable to access</del>				9.20	24.38	↓
S-2	4					9.45	22.13	
S-3	4	<del>well is in fence lot unable to access</del>				2.70	<del>20.06</del>	
S-4	4	odor				10.03	19.65	
S-5	4					8.75	21.95	

## SHELL WELL MONITORING DATA SHEET

BTS #: <u>041206-551</u>	Site: <u>98995746</u>
Sampler: <u>900CH</u>	Date: <u>12/6/04</u>
Well I.D.: <u>S-1</u>	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth (TD): <u>24.36</u>	Depth to Water (DTW): <u>9.20</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]:	

Purge Method: Bailer Disposable Bailer Positive Air Displacement Electric Submersible	Waterra Peristaltic Extraction Pump Other _____	Sampling Method: Bailer Disposable Bailer Extraction Port Dedicated Tubing Other: _____
--	--	---

_____ (Gals.) X _____ = _____ Gals. I Case Volume      Specified Volumes      Calculated Volume	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>Well Diameter</th> <th>Multiplier</th> <th>Well Diameter</th> <th>Multiplier</th> </tr> <tr> <td>1"</td> <td>0.04</td> <td>4"</td> <td>0.65</td> </tr> <tr> <td>2"</td> <td>0.16</td> <td>6"</td> <td>1.47</td> </tr> <tr> <td>3"</td> <td>0.37</td> <td>Other</td> <td>radius<sup>2</sup> * 0.163</td> </tr> </table>	Well Diameter	Multiplier	Well Diameter	Multiplier	1"	0.04	4"	0.65	2"	0.16	6"	1.47	3"	0.37	Other	radius <sup>2</sup> * 0.163
Well Diameter	Multiplier	Well Diameter	Multiplier														
1"	0.04	4"	0.65														
2"	0.16	6"	1.47														
3"	0.37	Other	radius <sup>2</sup> * 0.163														

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
<u>WELL IN TREE LOT. INACCESSIBLE.</u>						

Did well dewater? Yes No	Gallons actually evacuated: _____
Sampling Date: _____	Sampling Time: _____
Sample I.D.: _____	Depth to Water: _____
Sample I.D.: _____	Laboratory: <u>STL</u> Other _____
Analyzed for: <u>TPH-G</u> <u>BTEX</u> <u>MTBE</u> <u>TPH-D</u> Other: _____	
EB I.D. (if applicable): _____ @ _____ Time	Duplicate I.D. (if applicable): _____
Analyzed for: TPH-G BTEX MTBE TPH-D Other: _____	
D.O. (if req'd): Pre-purge: _____ mg/L	Post-purge: _____ mg/L
O.R.P. (if req'd): Pre-purge: _____ mV	Post-purge: _____ mV



## SHELL WELL MONITORING DATA SHEET

BTS #: <u>041206-551</u>	Site: <u>98995744</u>
Sampler: <u>900CH</u>	Date: <u>12/6/04</u>
Well I.D.: <u>9-2</u>	Well Diameter: 2 3 <u>(4)</u> 6 8
Total Well Depth (TD): <u>22-13</u>	Depth to Water (DTW): <u>9.45</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>(PVC)</u> Grade	D.O. Meter (if req'd): <u>(YSI)</u> HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: <u>16.99</u>	

Purge Method: Bailer  Watera  Sampling Method: (Bailer)  
 Disposable Bailer  Peristaltic  Disposable Bailer   
 Positive Air Displacement  Extraction Pump  Extraction Port   
 Electric (Submersible)  Other \_\_\_\_\_  Dedicated Tubing

$\frac{8.2 \text{ (Gals.)} \times 3}{\text{Specified Volumes}} = \frac{24.6}{\text{Calculated Volume}} \text{ Gals.}$	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Well Diameter</th> <th>Multiplier</th> <th>Well Diameter</th> <th>Multiplier</th> </tr> </thead> <tbody> <tr> <td>1"</td> <td>0.04</td> <td>4"</td> <td>0.65</td> </tr> <tr> <td>2"</td> <td>0.16</td> <td>6"</td> <td>1.47</td> </tr> <tr> <td>3"</td> <td>0.37</td> <td>Other</td> <td>radius<sup>2</sup> * 0.163</td> </tr> </tbody> </table>	Well Diameter	Multiplier	Well Diameter	Multiplier	1"	0.04	4"	0.65	2"	0.16	6"	1.47	3"	0.37	Other	radius <sup>2</sup> * 0.163
Well Diameter	Multiplier	Well Diameter	Multiplier														
1"	0.04	4"	0.65														
2"	0.16	6"	1.47														
3"	0.37	Other	radius <sup>2</sup> * 0.163														

Time	Temp (°F)	pH	Cond. (mS or <u>µS</u> )	Turbidity (NTUs)	Gals. Removed	Observations
929	67.4	8.6	1078	108	8.2	almost clear
931	68.0	10.5	1140	>200	16.4	"
well dewatered			@ 16.5	sal.		DTW = 18.90
1015	67.1	8.7	892	11	—	clear

Did well dewater? (Yes) No      Gallons actually evacuated: 16.5

Sampling Date: 12/6/04      Sampling Time: 1015      Depth to Water: 13.60 @ departure

Sample I.D.: 9-2      Laboratory: (STL) Other \_\_\_\_\_

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

EB I.D. (if applicable): \_\_\_\_\_ @ \_\_\_\_\_ Time      Duplicate I.D. (if applicable): \_\_\_\_\_

Analyzed for: TPH-G BTEX MTBE TPH-D Other: \_\_\_\_\_

D.O. (if req'd): Pre-purge: \_\_\_\_\_ mg/L      Post-purge: 8.5 mg/L

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

## SHELL WELL MONITORING DATA SHEET

BTS #: <u>041206-551</u>	Site: <u>98995746</u>
Sampler: <u>SOOCH</u>	Date: <u>12/6/04</u>
Well I.D.: <u>S-3</u>	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth (TD): <u>20.06</u>	Depth to Water (DTW): <u>7.70</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]:	

Purge Method: Bailer Disposable Bailer Positive Air Displacement Electric Submersible	Waterra Peristaltic Extraction Pump Other _____
Sampling Method: Bailer Disposable Bailer Extraction Port Dedicated Tubing Other: _____	

_____ (Gals.) X _____ = _____ Gals. 1 Case Volume      Specified Volumes      Calculated Volume	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>Well Diameter</th> <th>Multiplier</th> <th>Well Diameter</th> <th>Multiplier</th> </tr> <tr> <td>1"</td> <td>0.04</td> <td>4"</td> <td>0.65</td> </tr> <tr> <td>2"</td> <td>0.16</td> <td>6"</td> <td>1.47</td> </tr> <tr> <td>3"</td> <td>0.37</td> <td>Other</td> <td>radius<sup>2</sup> * 0.163</td> </tr> </table>	Well Diameter	Multiplier	Well Diameter	Multiplier	1"	0.04	4"	0.65	2"	0.16	6"	1.47	3"	0.37	Other	radius <sup>2</sup> * 0.163
Well Diameter	Multiplier	Well Diameter	Multiplier														
1"	0.04	4"	0.65														
2"	0.16	6"	1.47														
3"	0.37	Other	radius <sup>2</sup> * 0.163														

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
						<u>MAN IN TREE LOC. INACCESSIBLE.</u>

Did well dewater?    Yes    No	Gallons actually evacuated: _____
Sampling Date: _____	Sampling Time: _____
Sample I.D.: _____	Depth to Water: _____
Analyzed for: <u>TPH-G</u> <u>BTEX</u> <u>MTBE</u> <u>TPH-D</u> Other: _____	Laboratory: <u>STL</u> Other: _____
EB I.D. (if applicable): _____ @ _____ Time	Duplicate I.D. (if applicable): _____
Analyzed for: <u>TPH-G</u> <u>BTEX</u> <u>MTBE</u> <u>TPH-D</u> Other: _____	
D.O. (if req'd): Pre-purge: _____ mg/L	Post-purge: _____ mg/L
O.R.P. (if req'd): Pre-purge: _____ mV	Post-purge: _____ mV

## SHELL WELL MONITORING DATA SHEET

BTS #: <u>041206-551</u>	Site: <u>98995746</u>
Sampler: <u>gouch</u>	Date: <u>12/6/04</u>
Well I.D.: <u>5-4</u>	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth (TD): <u>19.65</u>	Depth to Water (DTW): <u>10.03</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): <u>YSI</u> HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: <u>11.85</u>	

Purge Method:  Bailer  Disposable Bailer  Positive Air Displacement  Electric Submersible

Watera  Peristaltic  Extraction Pump  Other \_\_\_\_\_

Sampling Method:  Bailer  Disposable Bailer  Extraction Port  Dedicated Tubing

Other: \_\_\_\_\_

6.2 (Gals.) X 3 = 18.6 Gals.  
 1 Case Volume      Specified Volumes      Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius <sup>2</sup> * 0.163

Time	Temp (°F)	pH	Cond. (mS or $\mu$ S)	Turbidity (NTUs)	Gals. Removed	Observations
9:15	65.0	7.6	1325	12	6.2	clear/gas odor
9:16	65.5	7.6	1251	144	12.5	TPH-D
well	dewatered	e	12.5 gal.			DTW = 16.00
10:00	64.5	7.8	1112	8	—	clear

Did well dewater?  Yes  No      Gallons actually evacuated: 12.5

Sampling Date: 12/6/04      Sampling Time: 1000      Depth to Water: 10.20

Sample I.D.: 6-4      Laboratory: STL Other \_\_\_\_\_

Analyzed for:  TPH-G  BTEX  MTBE  TPH-D Other: \_\_\_\_\_

EB I.D. (if applicable): \_\_\_\_\_ @ \_\_\_\_\_ Time      Duplicate I.D. (if applicable): \_\_\_\_\_

Analyzed for: TPH-G BTEX MTBE TPH-D Other: \_\_\_\_\_

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	<u>0.2</u> mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

## SHELL WELL MONITORING DATA SHEET

BTS #: <u>041206-551</u>	Site: <u>98995746</u>
Sampler: <u>gouch</u>	Date: <u>12/6/04</u>
Well ID.: <u>6-5</u>	Well Diameter: 2 3 <u>(4)</u> 6 8
Total Well Depth (TD): <u>21.95</u>	Depth to Water (DTW): <u>8.75</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>(PVC)</u> Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: <u>11.39</u>	

Purge Method: Bailer  Disposable Bailer  Positive Air Displacement  Electric Submersible  Water Peristaltic  Extraction Pump  Other \_\_\_\_\_

Sampling Method: Bailer  Disposable Bailer  Extraction Port  Dedicated Tubing  Other: \_\_\_\_\_

$\frac{4.6}{1} \text{ (Gals.)} \times \frac{3}{\text{Specified Volumes}} = \frac{25.6}{\text{Calculated Volume}} \text{ Gals.}$	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Well Diameter</th> <th>Multiplier</th> <th>Well Diameter</th> <th>Multiplier</th> </tr> </thead> <tbody> <tr> <td>1"</td> <td>0.04</td> <td>4"</td> <td>0.65</td> </tr> <tr> <td>2"</td> <td>0.16</td> <td>6"</td> <td>1.47</td> </tr> <tr> <td>3"</td> <td>0.37</td> <td>Other</td> <td>radius<sup>2</sup> * 0.163</td> </tr> </tbody> </table>	Well Diameter	Multiplier	Well Diameter	Multiplier	1"	0.04	4"	0.65	2"	0.16	6"	1.47	3"	0.37	Other	radius <sup>2</sup> * 0.163
Well Diameter	Multiplier	Well Diameter	Multiplier														
1"	0.04	4"	0.65														
2"	0.16	6"	1.47														
3"	0.37	Other	radius <sup>2</sup> * 0.163														

Time	Temp (°F)	pH	Cond. (mS or $\mu$ S)	Turbidity (NTUs)	Gals. Removed	Observations
942	67.8	8.1	1290	85	8.9	almost clear
944	68.5	8.1	1306	18	17.2	clear
946	68.6	8.1	1301	8	26.0	"

Did well dewater? Yes  No  Gallons actually evacuated: 26

Sampling Date: 12/6/04 Sampling Time: 950 Depth to Water: 8.85

Sample I.D.: 6-5 Laboratory: (STL) Other \_\_\_\_\_

Analyzed for: TPH-G BTEX MTBE TPH-D Other: \_\_\_\_\_

EB I.D. (if applicable): \_\_\_\_\_ @ \_\_\_\_\_ Time Duplicate I.D. (if applicable): \_\_\_\_\_

Analyzed for: TPH-G BTEX MTBE TPH-D Other: \_\_\_\_\_

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	0.1 mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

**ATTACHMENT B**  
**Gettler-Ryan/Chevron Service Station #9-0076**  
**Groundwater Monitoring Data**

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-0076  
4265 Foothill Boulevard  
Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH							
					REMOVED (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	ETHANOL (ppb)
<b>C-1</b>												
04/28/89	35.42	15.37	20.05	--	--	940	30	1.3	11	13	--	--
08/08/89	35.42	11.35	24.07	--	--	820	45	2.0	13	13	--	--
12/21/89	35.42	12.61	22.81	--	--	--	--	--	--	--	--	--
08/27/90	35.42	13.30	22.12	--	--	440	15	1.0	6.0	13	--	--
11/04/90	35.42	9.86	25.56	--	--	--	--	--	--	--	--	--
06/18/91	35.42	13.78	21.64	--	--	74	5.6	0.6	1.9	1.3	--	--
09/19/91	35.42	10.84	24.58	--	--	150	7.1	<0.5	2.3	3.0	--	--
12/20/91	35.42	9.25	26.17	--	--	250	10	<0.5	3.7	1.6	--	--
03/18/92	35.42	17.17	18.25	--	--	190	16	<0.5	8.5	3	--	--
07/14/92	35.42	7.81	27.61	--	--	20,000	480	2,200	510	2,900	--	--
10/08/92	35.42	10.98	24.44	--	--	360	34	4.6	19	12	--	--
01/08/93	35.42	15.74	19.68	--	--	120	9.1	0.5	5.1	1.8	--	--
04/14/93	35.42	19.04	16.38	--	--	190	74	0.6	1.0	2.0	--	--
07/16/93	35.42	--	--	--	--	--	--	--	--	--	--	--
07/27/93	35.42	26.03	9.39	--	--	300	12	<0.5	5.0	2.0	--	--
09/21/93	38.41	16.99	21.42	--	--	360	12	1.2	5.8	3.7	--	--
01/28/94	38.41	18.84	19.57	--	--	370	24	1.0	13	4.0	--	--
03/17/94	38.41	21.56	16.85	--	--	460	42	<0.5	6.7	3.7	--	--
06/16/94	38.41	20.58	17.83	--	--	320	20	0.7	8.7	3.0	--	--
09/22/94	38.41	18.15	20.26	--	--	380	24	0.6	8.8	1.9	--	--
12/15/94	38.41	22.59	15.82	--	--	280	23	7.6	7.8	13	--	--
03/30/95	38.41	26.39	12.02	--	--	2,200	890	8.9	15	<5.0	--	--
06/20/95	38.41	24.01	14.40	--	--	690	140	<2.0	9.4	2.8	--	--
09/20/95	38.41	24.59	13.82	--	--	730	27	78	26	130	--	--
12/06/95	38.41	17.81	20.60	--	--	220	16	<0.5	7.2	1.7	11	--
03/21/96	38.41	26.76	11.65	--	--	640	170	<2.0	6.7	<2.0	35	--
06/21/96	38.41	24.16	14.25	--	--	640	140	<1.2	8.7	2.0	23	--
09/06/96	38.41	21.66	16.75	--	--	460	24	0.56	10	2.4	43	--
12/19/96	38.41	24.43	13.98	--	--	790	120	22	13	19	<25	--
03/17/97	38.41	25.63	12.78	--	--	2,200	660	<10	15	<10	110	--
06/11/97	38.41	23.25	15.16	--	--	1,500	130	<2.0	16	3.4	130	--
09/17/97	38.41	21.47	16.94	--	--	910	160	23	13	49	180	--
12/11/97	38.41	25.23	13.18	--	--	2,000	270	7.0	53	7.4	460	--

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-0076  
4265 Foothill Boulevard  
Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH		B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	ETHANOL (ppb)
					REMOVED (gallons)	TPH-G (ppb)						
<b>C-1 (cont)</b>												
03/12/98	38.41	28.92	9.49	--	--	3,100	1,300	<20	42	<20	760	--
06/23/98	38.41	28.19	10.22	--	--	1,300	650	6.9	22	6.5	290	--
09/01/98	38.41	21.43	16.98	--	--	270	6.0	<2.5	<2.5	<2.5	950	--
12/30/98	38.41	22.29	16.12	--	--	2,020	578	<5.0	<5.0	<5.0	1,720	--
03/31/99	38.41	24.53	13.88	--	--	2,140	776	5.89	<5.0	5.15	1,170	--
06/14/99	38.41	23.09	15.32	--	--	1,450	524	<5.0	<5.0	<5.0	1,150	--
06/14/99 <sup>1</sup>	38.41	23.09	15.32	--	--	--	--	--	--	--	1,360 <sup>2</sup>	--
09/30/99	38.41	22.30	16.11	--	--	79	1.12	<0.5	1.07	<0.5	677	--
12/22/99	38.41	23.37	15.04	--	--	501	157	4.45	<2.5	4.81	744	--
03/09/00	38.41	31.28	7.13	--	--	3,300	2,500	28	37	<25	1,700	--
06/23/00 <sup>3</sup>	38.41	25.86	12.55	0.00	0.00	2,200 <sup>4</sup>	1,000	6.9	5.7	9.3	1,900	--
09/05/00 <sup>3</sup>	38.41	21.28	17.13	0.00	0.00	<200	8.3	<2.0	<2.0	<2.0	1,000	--
12/04/00	38.41	21.48	16.93	0.00	0.00	1,400 <sup>4</sup>	600	<5.0	<5.0	<5.0	1,500	--
03/08/01 <sup>3</sup>	38.41	30.45	7.96	0.00	0.00	2,570	1,040	7.93	12.0	<5.00	1,470	--
06/07/01 <sup>3</sup>	38.41	25.45	12.96	0.00	0.00	750 <sup>4</sup>	220	5.6	4.8	2.6	2,500 <sup>5</sup>	--
09/13/01 <sup>3</sup>	38.41	19.91	18.50	0.00	0.00	670 <sup>6</sup>	<5.0	<5.0	<5.0	<5.0	660	--
12/13/01 <sup>3</sup>	38.41	23.02	15.39	0.00	0.00	1,100	340	2.1	0.95	7.9	630	--
03/08/02 <sup>3</sup>	38.41	28.35	10.06	0.00	0.00	3,600	1,400	9.5	17	6.5	1,900	--
06/19/02 <sup>3</sup>	38.41	24.92	13.49	0.00	0.00	1,300	220	3.4	2.7	<3.0	1,400	--
09/11/02 <sup>3</sup>	38.41	21.18	17.23	0.00	0.00	400	22	<0.50	<0.50	<1.5	780	--
12/11/02 <sup>3</sup>	38.41	19.81	18.60	0.00	0.00	180	4.2	<0.50	1.1	<1.5	350	--
03/11/03 <sup>3</sup>	38.41	25.81	12.60	0.00	0.00	3,500	1,100	9.1	12	8.0	1,600	--
06/10/03 <sup>3,7</sup>	38.41	25.73	12.68	0.00	0.00	1,600	350	2	3	3	1,300	--
09/09/03 <sup>3,7</sup>	38.41	21.66	16.75	0.00	0.00	290	4	<1	1	1	710	<100
12/09/03 <sup>7,9</sup>	38.41	20.73	17.68	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	200	<50
03/09/04 <sup>7</sup>	38.41	30.61	7.80	0.00	0.00	7,100	2,000	15	23	10	1,100	<50
06/08/04 <sup>7</sup>	38.41	27.29	11.12	0.00	0.00	2,300	840	6	5	4	1,100	<50
09/08/04 <sup>7</sup>	38.41	24.11	14.30	0.00	0.00	150	110	2	0.5	1	730	<50
<b>12/06/04<sup>7</sup></b>	<b>38.41</b>	<b>25.15</b>	<b>13.26</b>	<b>0.00</b>	<b>0.00</b>	<b>2,100</b>	<b>480</b>	<b>4</b>	<b>2</b>	<b>2</b>	<b>530</b>	<b>&lt;50</b>

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-0076  
4265 Foothill Boulevard  
Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH		TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	ETHANOL (ppb)
					REMOVED (gallons)								
<b>C-2</b>													
04/28/89	35.18	8.74	26.44	--	--		120,000	30,000	22,000	3,000	17,000	--	--
08/08/89	35.18	5.29	29.90	0.01	--		--	--	--	--	--	--	--
12/21/89	35.18	5.86	29.32	--	--		--	--	--	--	--	--	--
08/27/90	35.18	5.77	29.55	0.17	--		--	--	--	--	--	--	--
11/04/90	35.18	4.71	30.47	--	--		--	--	--	--	--	--	--
06/18/91	35.18	6.90	28.33	0.06	--		--	--	--	--	--	--	--
09/19/91	35.18	5.84	29.39	0.06	--		--	--	--	--	--	--	--
12/20/91	35.18	5.95	29.23	--	--		170,000	20,000	10,000	2,800	19,000	--	--
03/18/92	35.18	21.58	13.60	0.09	--		--	--	--	--	--	--	--
07/14/92	35.18	--	--	--	--		--	--	--	--	--	--	--
10/08/92	35.18	--	--	--	--		--	--	--	--	--	--	--
01/08/93	35.18	10.98	24.20	Sheen	--		79,000	14,000	7,200	3,500	16,000	--	--
04/14/93	35.18	--	--	--	--		--	--	--	--	--	--	--
07/16/93	35.18	5.03	30.15	--	--		2200	440	73	24	350	--	--
09/21/93	37.47	11.18	26.29	--	--		11,000	2,300	300	270	910	--	--
01/28/94	37.47	13.51	23.96	--	--		49,000	11,000	3,900	1,600	12,000	--	--
03/17/94	37.47	11.48	25.99	--	--		16,000	3,300	1,000	220	3,500	--	--
06/16/94	37.47	13.55	23.92	--	--		20,000	4,800	1,500	520	4,300	--	--
09/22/94	37.47	11.85	25.62	--	--		35,000	5,600	850	1,700	7,300	--	--
12/15/94	37.47	16.31	21.16	--	--		96,000	9,000	3,500	3,300	13,000	--	--
03/30/95	37.47	20.29	17.18	--	--		100,000	9,400	3,700	3,900	14,000	--	--
06/20/95	37.47	18.52	18.95	--	--		93,000	6,400	1,900	2,900	11,000	--	--
09/20/95	37.47	19.27	18.20	--	--		58,000	6,600	330	1,600	5,500	--	--
12/06/95	37.47	12.71	24.76	--	--		40,000	5,000	86	1,800	3,700	<500	--
03/21/96	37.47	21.30	16.17	0.00	0.13		--	--	--	--	--	--	--
06/21/96	37.47	19.34	18.15	0.02	0.03		--	--	--	--	--	--	--
09/06/96	37.47	16.36	21.14	0.04	0.08		--	--	--	--	--	--	--
12/19/96	37.47	19.94	17.55	0.03	0.05		--	--	--	--	--	--	--
03/17/97	37.47	18.88	18.59	--	--		58,000	4,800	1,200	1,800	6,300	3,400	--
06/11/97	37.47	16.17	21.30	--	--		40,000	5,500	720	1,400	4,100	3,100	--
09/17/97	37.47	14.33	23.14	--	--		30,000	4,800	220	1,200	1,800	3,200	--
12/11/97	37.47	20.26	17.21	--	--		76,000	6,100	1,300	2,200	8,000	3,800	--
03/12/98	37.47	23.30	14.17	--	--		45,000	6,000	1,400	1,800	5,900	2,700	--



**Table 1**  
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Chevron Service Station #9-0076  
4265 Foothill Boulevard  
Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH							
					REMOVED (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	ETHANOL (ppb)
<b>C-2 (cont)</b>												
06/23/98 <sup>3</sup>	37.47	22.65	14.82	--	--	1,100,000	6,800	5,100	13,000	38,000	<1,000	--
09/01/98	37.47	15.69	21.78	--	--	9,700	300	8.2	6.2	250	3,700	--
12/30/98	37.47	15.61	21.86	--	--	110,000	4,790	1,300	841	5,570	2,420	--
03/31/99	37.47	20.57	16.90	--	--	48,000	4,800	1,110	1,520	5,450	2,160	--
06/14/99	37.47	17.32	20.15	Sheen	--	56,400	5,380	671	1,300	3,960	2,480	--
06/14/99 <sup>1</sup>	37.47	17.32	20.15	--	--	--	--	--	--	--	2,630 <sup>2</sup>	--
09/30/99	37.47	14.50	22.97	--	--	22,100	623	<100	529	1,250	2,430	--
12/22/99	37.47	16.47	21.00	--	--	10,200	1,750	102	222	963	1,980	--
03/09/00	37.47	25.27	12.20	--	--	26,000	4,800	930	1,200	4,400	1,800	--
06/23/00 <sup>3</sup>	37.47	18.53	18.94	0.00	0.00	29,000 <sup>4</sup>	3,400	360	440	2,500	2,800	--
09/05/00 <sup>3</sup>	37.47	17.01	20.46	0.00	0.00	35,000 <sup>4</sup>	3,800	54	980	750	5,200	--
12/04/00	37.47	16.54	20.93	0.00	0.00	16,000 <sup>4</sup>	2,500	120	360	1,100	2,100	--
03/08/01 <sup>3</sup>	37.47	20.53	16.94	0.00	0.00	42,300	3,930	828	2,010	5,180	1,660	--
06/07/01 <sup>3</sup>	37.47	18.13	19.34	0.00	0.00	15,000 <sup>4</sup>	3,400	150	700	1,300	1,900	--
09/13/01 <sup>3</sup>	37.47	15.28	22.19	0.00	0.00	9,600	1,200	<50	120	160	2,200	--
12/13/01 <sup>3</sup>	37.47	19.87	17.60	0.00	0.00	33,000	3,200	430	1,300	3,700	1,400	--
03/08/02 <sup>3</sup>	37.47	23.18	14.29	0.00	0.00	26,000	2,900	390	1,200	2,800	1,100	--
06/19/02 <sup>3</sup>	37.47	18.36	19.11	0.00	0.00	19,000	3,000	100	720	1,100	1,400	--
09/11/02 <sup>3</sup>	37.47	16.79	20.68	0.00	0.00	10,000	1,400	23	120	78	1,800	--
12/11/02 <sup>3</sup>	37.47	15.36	22.11	0.00	0.00	8,700	1,300	24	100	250	1,900	--
03/11/03 <sup>3</sup>	37.47	22.86	14.61	0.00	0.00	23,000	2,000	280	1,100	2,100	990	--
06/10/03 <sup>3,7</sup>	37.47	20.36	17.11	0.00	0.00	14,000	1,300	91	450	720	480	--
09/09/03 <sup>3,7</sup>	37.47	16.33	21.14	0.00	0.00	6,800	1,100	9	83	47	1,300	<200
12/09/03 <sup>7</sup>	37.47	18.27	19.20	0.00	0.00	22,000	1,100	120	570	1,000	460	<250
03/09/04 <sup>7</sup>	37.47	25.65	11.82	0.00	0.00	24,000	1,800	420	820	2,100	480	<250
06/08/04 <sup>7</sup>	37.47	21.05	16.42	0.00	0.00	1,200	180	5	1	10	170	<50
09/08/04 <sup>7</sup>	37.47	24.32**	13.16	0.01	0.00	16,000	340	13	290	200	170	<250
12/06/04 <sup>7</sup>	37.47	23.36**	14.12	0.01	0.00	13,000	730	130	340	570	280	<100

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**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-0076  
4265 Foothill Boulevard  
Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH								
					REMOVED (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	ETHANOL (ppb)	
C-3													
04/28/89	35.28	7.28	28.00	--	--	<500	1.7	<0.5	<0.5	<0.5	--	--	
08/08/89	35.28	5.28	30.00	--	--	<500	1.0	<0.5	<0.5	<0.5	--	--	
12/21/89	35.28	4.75	30.53	--	--	--	--	--	--	--	--	--	
08/27/90	35.28	5.60	29.68	--	--	<50	<0.3	<0.3	<0.3	<0.6	--	--	
11/04/90	35.30	4.94	30.36	--	--	--	--	--	--	--	--	--	
06/18/91	35.30	6.84	28.46	--	--	52	1.1	<0.5	<0.5	1.2	--	--	
09/19/91	35.30	5.97	29.33	--	--	73	1.2	<0.5	<0.5	<0.5	--	--	
12/20/91	35.30	5.53	29.77	--	--	<50	0.7	<0.5	<0.5	<0.5	--	--	
03/18/92	35.30	9.55	25.75	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	
07/14/92	35.30	7.43	27.87	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	
10/08/92	35.30	6.75	28.55	--	--	<50	<0.5	<0.5	<0.5	0.5	--	--	
01/08/93	35.30	9.45	25.85	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	
04/14/93	35.30	11.34	23.96	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	
07/16/93	35.30	9.66	25.64	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	
09/21/93	38.37	12.15	26.22	--	--	<50	0.7	<0.5	<0.5	<0.8	--	--	
01/28/94	38.37	12.71	25.66	--	--	<50	2.0	<0.5	<0.5	1.0	--	--	
03/17/94	38.37	13.42	24.95	--	--	<50	2.8	<0.5	0.6	1.5	--	--	
06/16/94	38.37	14.06	24.31	--	--	<50	1.4	<0.5	<0.5	<0.5	--	--	
09/22/94	38.37	13.33	25.04	--	--	<50	0.6	<0.5	<0.5	<0.5	--	--	
12/15/94	38.37	16.15	22.22	--	--	<50	2.6	1.7	0.82	4.5	--	--	
03/30/95	38.37	19.95	18.42	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	
06/20/95	38.37	18.58	19.79	--	--	110	2.2	<0.5	<0.5	1.2	--	--	
09/20/95	38.37	19.42	18.95	--	--	560	21	80	23	120	--	--	
12/06/95	38.37	14.21	24.16	--	--	<50	0.73	<0.5	<0.5	0.67	<2.5	--	
03/21/96	38.37	20.52	17.85	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	
06/21/96	38.37	18.59	19.78	--	--	57	<0.5	<0.5	<0.5	<0.5	<2.5	--	
09/06/96	38.37	16.74	21.63	--	--	<50	0.9	<0.5	<0.5	<0.5	<2.5	--	
12/19/96	38.37	16.07	22.30	--	--	310	36	33	6.5	28	<2.5	--	
03/17/97	38.37	19.42	18.95	--	--	54	1.1	<0.5	<0.5	0.76	<2.5	--	
06/11/97	38.37	17.22	21.15	--	--	120	1.1	<0.5	<0.5	<0.5	<2.5	--	
09/17/97	38.37	15.96	22.41	--	--	240	19	19	6.6	40	13	--	
12/11/97	38.37	16.11	22.26	--	--	<50	1.8	<0.5	<0.5	0.5	<2.5	--	
03/12/98	38.37	20.02	18.35	--	--	72	6.3	<0.5	0.64	3.1	2.6	--	

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**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-0076  
4265 Foothill Boulevard  
Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH							
					REMOVED (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	ETHANOL (ppb)
<b>C-3 (cont)</b>												
06/23/98	38.37	19.33	19.04	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
09/01/98	38.37	18.40	19.97	--	--	200	6.8	0.31	0.52	2.0	<2.5	--
12/30/98	38.37	17.06	21.31	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0	--
03/31/99	38.37	20.60	17.77	--	--	<50	<0.5	<0.5	<0.5	<0.5	12.6	--
06/14/99	38.37	20.12	18.25	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
09/30/99	38.37	17.18	21.19	--	--	79.2	3.04	0.794	<0.5	1.04	6.17	--
12/22/99	38.37	16.05	22.32	--	--	<50	1.53	1.08	<0.5	0.66	12	--
03/09/00	38.37	21.27	17.10	--	--	99	6.9	0.8	0.89	3.8	12	--
06/23/00	38.37	19.22	19.15	0.00	0.00	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--
09/05/00	38.37	17.53	20.84	0.00	0.00	52 <sup>4</sup>	4.3	<0.50	<0.50	0.93	29	--
12/04/00	38.37	17.17	21.20	0.00	0.00	70 <sup>4</sup>	4.0	<0.50	<0.50	0.71	25	--
03/08/01	38.37	20.70	17.67	0.00	0.00	<50.0	0.873	<0.500	<0.500	<0.500	3.24	--
06/07/01	38.37	19.47	18.90	0.00	0.00	140 <sup>4</sup>	16	0.67	1.4	3.8	30	--
09/13/01	38.37	17.36	21.01	0.00	0.00	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--
12/13/01	38.37	18.57	19.80	0.00	0.00	<50	1.2	<0.50	<0.50	<1.5	15	--
03/08/02	38.37	20.59	17.78	0.00	0.00	82	5.4	<0.50	<0.50	<1.5	68	--
06/19/02	38.37	19.97	18.40	0.00	0.00	74	2.1	<0.50	<0.50	<1.5	77	--
09/11/02	38.37	18.20	20.17	0.00	0.00	110	4.7	<0.50	<0.50	<1.5	76	--
12/11/02	38.37	16.62	21.75	0.00	0.00	79	1.5	<0.50	<0.50	<1.5	96	--
03/11/03	38.37	19.30	19.07	0.00	0.00	<50	2.1	<0.50	<0.50	<1.5	18	--
06/10/03 <sup>7</sup>	38.37	19.29	19.08	0.00	0.00	86	2	<0.5	<0.5	<0.5	93	--
09/09/03 <sup>7</sup>	38.37	17.67	20.70	0.00	0.00	<50	2	<0.5	<0.5	<0.5	160	<50
12/09/03 <sup>7</sup>	38.37	17.32	21.05	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	0.9	<50
03/09/04 <sup>7</sup>	38.37	22.12	16.25	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<50
06/08/04 <sup>7</sup>	38.37	19.87	18.50	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<50
09/08/04 <sup>7</sup>	38.37	18.36	20.01	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	22	<50
12/06/04 <sup>7</sup>	38.37	19.07	19.30	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<50
<b>C-4</b>												
01/12/89	33.45	3.96	29.49	--	--	--	--	--	--	--	--	--
04/12/89	33.45	6.01	27.44	--	--	--	--	--	--	--	--	--
04/28/89	33.45	3.96	29.49	--	--	20,000	6,300	550	230	1,500	--	--

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WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH		B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	ETHANOL (ppb)	
					REMOVED (gallons)	TPH-G (ppb)							
C-4 (cont)													
08/08/89	33.45	3.90	29.55	--	--		8,000	7,500	340	88	1,000	--	--
12/21/89	33.45	3.43	30.02	--	--		--	--	--	--	--	--	--
08/27/90	33.48	4.46	29.02	--	--		26,000	10,000	280	410	1,400	--	--
11/04/90	33.48	3.67	29.81	--	--		--	--	--	--	--	--	--
06/18/91	33.48	6.03	27.45	--	--		34,000	14,000	410	450	1,300	--	--
09/19/91	33.48	4.83	28.65	--	--		16,000	7,400	90	110	460	--	--
12/20/91	33.48	4.64	28.84	--	--		24,000	12,000	120	260	740	--	--
03/18/92	33.48	11.05	24.43	--	--		48,000	6,000	1,300	1,300	2,400	--	--
07/14/92	33.48	6.59	26.89	--	--		40,000	14,000	920	550	2,400	--	--
10/08/92	33.48	5.69	27.79	--	--		29,000	13,000	190	110	1,400	--	--
01/08/93	33.48	9.98	23.50	--	--		25,000	7,000	630	860	1,800	--	--
04/14/93	33.48	12.35	21.13	--	--		27,000	6,300	1,000	900	1,400	--	--
07/16/93	33.48	9.52	23.96	--	--		28,000	7,800	1,100	830	2,100	--	--
09/21/93	36.49	10.98	25.51	--	--		30,000	9,600	130	390	1,300	--	--
01/28/94	36.49	13.18	23.31	--	--		18,000	7,800	440	260	1,200	--	--
03/17/94	36.49	15.14	21.35	--	--		32,000	7,800	820	820	1,800	--	--
06/16/94	36.49	13.99	22.50	--	--		25,000	7,600	710	600	1,800	--	--
09/22/94	36.49	12.56	23.93	--	--		25,000	7,800	140	600	1,100	--	--
12/15/94	36.49	17.47	19.02	--	--		38,000	7,600	460	1,200	2,000	--	--
03/30/95	36.49	21.63	14.86	--	--		41,000	8,700	1,600	1,800	3,000	--	--
06/20/95	36.49	19.59	16.90	--	--		29,000	6,000	890	960	1,800	--	--
09/20/95	36.49	20.29	16.20	--	--		12,000	6,900	510	290	1,300	--	--
12/06/95	36.49	13.37	23.12	--	--		13,000	3,900	42	30	250	<250	--
03/21/96	36.49	22.39	14.10	--	--		39,000	4,800	640	1,000	1,800	<1,000	--
06/21/96	36.49	19.54	16.95	--	--		26,000	4,400	640	960	1,800	2,000	--
09/06/96	36.49	16.36	20.13	--	--		23,000	500	200	230	1,000	3,100	--
12/19/96	36.49	19.57	16.92	--	--		23,000	4,900	320	1,100	2,000	<250	--
03/17/97	36.49	19.09	17.40	--	--		30,000	5,800	700	1,400	2,200	1,700	--
06/11/97	36.49	18.15	18.34	--	--		29,000	4,400	520	790	1,800	2,000	--
09/17/97	36.49	15.03	21.46	--	--		17,000	4,300	140	940	1,100	4,600	--
12/11/97	36.49	19.84	16.65	--	--		12,000	2,500	130	300	1,000	1,400	--
03/12/98	36.49	19.90	16.59	--	--		46,000	11,000	1,500	2,300	5,000	3,400	--
06/23/98 <sup>3</sup>	36.49	19.47	17.02	--	--		27,000	1,600	160	180	690	100	--

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-0076  
4265 Foothill Boulevard  
Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH		B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	ETHANOL (ppb)	
					REMOVED (gallons)	TPH-G (ppb)							
<b>C-4 (cont)</b>													
09/01/98	36.49	15.04	21.45	--	--	--	520	14	2.3	<0.5	4.8	61	--
12/30/98	36.49	15.07	21.42	--	--	--	122	14.1	1.86	<1.0	3.61	349	--
03/31/99	36.49	21.29	15.20	--	--	--	20,300	4,450	443	1,000	2,130	1,320	--
06/14/99	36.49	14.69	21.80	--	--	--	1,820	183	7.14	36.7	56.5	291	--
06/14/99 <sup>1</sup>	36.49	14.69	21.80	--	--	--	--	--	--	--	--	280 <sup>2</sup>	--
09/30/99	36.49	16.68	19.81	--	--	--	1,030	11.6	2.14	29.2	68.7	91.5	--
12/22/99	36.49	16.22	20.27	--	--	--	217	4.45	0.765	2.82	8.21	70.2	--
03/09/00	36.49	23.13	13.36	--	--	--	8,300	2,600	270	510	1,400	650	--
06/23/00 <sup>3</sup>	36.49	17.09	19.40	0.00	0.00	--	55 <sup>4</sup>	1.2	<0.50	<0.50	<0.50	250	--
09/05/00 <sup>3</sup>	36.49	15.06	21.43	0.00	0.00	--	110 <sup>4</sup>	5.4	<0.50	<0.50	1.1	52	--
12/04/00	36.49	14.71	21.78	0.00	0.00	--	<50	<0.50	0.56	<0.50	1.1	22	--
03/08/01 <sup>3</sup>	36.49	19.87	16.62	0.00	0.00	--	9,080	2,260	229	395	1,060	718	--
06/07/01 <sup>3</sup>	36.49	16.89	19.60	0.00	0.00	--	800 <sup>4</sup>	75	4.3	22	33	340	--
09/13/01 <sup>3</sup>	36.49	14.78	21.71	0.00	0.00	--	<50	0.68	<0.50	<0.50	<0.50	18	--
12/13/01 <sup>3</sup>	36.49	18.54	17.95	0.00	0.00	--	5,800	1,400	43	21	470	540	--
03/08/02 <sup>3</sup>	36.49	19.71	16.78	0.00	0.00	--	7,000	1,300	67	280	390	610	--
06/19/02 <sup>3</sup>	36.49	17.69	18.80	0.00	0.00	--	3,100	130	6.5	29	55	250	--
09/11/02 <sup>3</sup>	36.49	16.19	20.30	0.00	0.00	--	820	6.2	1.0	2.2	2.5	26	--
12/11/02 <sup>3</sup>	36.49	14.52	21.97	0.00	0.00	--	<50	0.74	<0.50	<0.50	<1.5	9.3	--
03/11/03 <sup>3</sup>	36.49	18.10	18.39	0.00	0.00	--	5,500	490	12	100	210	330	--
06/10/03 <sup>3,7</sup>	36.49	17.74	18.75	0.00	0.00	--	3,300	370	15	120	200	200	--
09/09/03 <sup>3,7</sup>	36.49	15.70	20.79	0.00	0.00	--	690	8	0.8	5	5	30	<50
12/09/03 <sup>7,9</sup>	36.49	16.19	20.30	0.00	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	57	<50
03/09/04 <sup>7</sup>	36.49	23.03	13.46	0.00	0.00	--	15,000	1,600	73	520	460	230	<250
06/08/04 <sup>7</sup>	36.49	19.47	17.02	0.00	0.00	--	550	120	2	0.7	5	93	<50
09/08/04 <sup>7</sup>	36.49	18.91	17.58	0.00	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	37	<50
12/06/04 <sup>7</sup>	36.49	19.71	16.78	0.00	0.00	--	7,000	1,600	39	230	260	180	<50
<b>C-5</b>													
08/27/90	35.50	5.67	29.83	--	--	--	<50	<0.3	<0.3	<0.3	<0.6	--	--
11/14/90	35.50	4.94	30.56	--	--	--	--	--	--	--	--	--	--
06/18/91	35.50	6.98	28.52	--	--	--	<50	<0.5	<0.5	<0.5	--	--	--

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-0076  
4265 Foothill Boulevard  
Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH		TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	ETHANOL (ppb)
					REMOVED (gallons)								
C-5 (cont)													
09/19/91	35.50	5.99	29.51	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--
12/20/91	35.50	5.54	29.96	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--
03/18/92	35.50	9.58	25.92	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--
07/14/92	35.50	7.50	28.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--
10/08/92	35.50	6.85	28.65	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--
01/08/93	35.50	9.48	26.02	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--
04/14/93	35.50	11.46	24.04	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--
07/16/93	35.50	10.29	25.21	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--
09/21/93	38.50	12.14	26.36	--	--	60	10	8.1	1.9	9.4	--	--	--
01/28/94	38.50	12.60	25.90	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--
03/17/94	38.50	14.00	24.50	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--
06/16/94	38.50	14.10	24.40	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--
09/22/94	38.50	13.34	25.16	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--
12/15/94	38.50	15.61	22.89	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--
03/30/95	38.50	19.96	18.54	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--
06/20/95	38.50	18.37	20.13	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--
09/20/95	38.50	14.16	24.34	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--
12/06/95	38.50	14.40	24.10	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<2.5	--
03/21/96	38.50	20.10	18.40	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<2.5	--
06/21/96	38.50	18.23	20.27	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	8.7	--
06/06/96	38.50	16.60	21.90	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<2.5	--
12/19/96	38.50	17.35	21.15	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<2.5	--
03/17/97	38.50	18.66	19.84	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<2.5	--
06/11/97	38.50	16.90	21.60	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<2.5	--
09/17/97	38.50	10.67	27.83	--	--	SAMPLED ANNUALLY		--	--	--	--	--	--
12/11/97	38.50	17.50	21.00	--	--	--	--	--	--	--	--	--	--
03/12/98	38.50	22.08	16.42	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<2.5	--
06/23/98	38.50	21.52	16.98	--	--	--	--	--	--	--	--	--	--
09/01/98	38.50	18.08	20.42	--	--	--	--	--	--	--	--	--	--
12/30/98	38.50	17.71	20.79	--	--	--	--	--	--	--	--	--	--
03/31/99	38.50	21.45	17.05	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	15	--
06/14/99	38.50	21.02	17.48	--	--	--	--	--	--	--	--	--	--
09/30/99	38.50	19.77	18.73	--	--	--	--	--	--	--	--	--	--

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-0076  
4265 Foothill Boulevard  
Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH							
					REMOVED (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	ETHANOL (ppb)
<b>C-5 (cont)</b>												
12/22/99	38.50	16.32	22.18	--	--	--	--	--	--	--	--	--
03/09/00	38.50	21.52	16.98	--	--	<50	<0.5	<0.5	<0.5	0.87	3.5	--
06/23/00	38.50	18.85	19.65	0.00	0.00	SAMPLED ANNUALLY		--	--	--	--	--
09/05/00	38.50	18.03	20.47	0.00	0.00	--	--	--	--	--	--	--
12/04/00	38.50	17.04	21.46	0.00	0.00	--	--	--	--	--	--	--
03/08/01	38.50	20.97	17.53	0.00	0.00	<50.0	<0.500	<0.500	<0.500	<0.500	5.15	--
06/07/01	38.50	19.00	19.50	0.00	0.00	SAMPLED ANNUALLY		--	--	--	--	--
09/13/01	38.50	17.07	21.43	0.00	0.00	SAMPLED ANNUALLY		--	--	--	--	--
12/13/01	38.50	18.66	19.84	0.00	0.00	SAMPLED ANNUALLY		--	--	--	--	--
03/08/02	38.50	20.32	18.18	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	3.5	--
06/19/02	38.50	19.62	18.88	0.00	0.00	SAMPLED ANNUALLY		--	--	--	--	--
09/11/02	38.50	17.94	20.56	0.00	0.00	SAMPLED ANNUALLY		--	--	--	--	--
12/11/02	38.50	16.68	21.82	0.00	0.00	SAMPLED ANNUALLY		--	--	--	--	--
03/11/03	38.50	19.54	18.96	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	3.2	--
06/10/03	38.50	19.63	18.87	0.00	0.00	SAMPLED ANNUALLY		--	--	--	--	--
09/09/03	38.50	17.82	20.68	0.00	0.00	SAMPLED ANNUALLY		--	--	--	--	--
12/09/03	38.50	18.25	20.25	0.00	0.00	SAMPLED ANNUALLY		--	--	--	--	--
03/09/04 <sup>7</sup>	38.50	21.82	16.68	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	1	<50
06/08/04	38.50	19.16	19.34	0.00	0.00	SAMPLED ANNUALLY		--	--	--	--	--
09/08/04	38.50	18.40	20.10	0.00	0.00	SAMPLED ANNUALLY		--	--	--	--	--
<b>12/06/04</b>	<b>38.50</b>	<b>18.75</b>	<b>19.75</b>	<b>0.00</b>	<b>0.00</b>	<b>SAMPLED ANNUALLY</b>		--	--	--	--	--
<b>C-6</b>												
08/27/90	32.40	-11.71	44.11	--	--	7,200	2,100	6.0	41	300	--	--
11/14/90	32.40	-11.63	44.03	--	--	--	--	--	--	--	--	--
06/18/91	32.40	-11.09	43.49	--	--	4,400	2,500	18	160	77	--	--
09/19/91	32.40	-1.92	34.32	--	--	3,100	1,600	8.3	73	8.0	--	--
12/20/91	32.40	-8.95	41.35	--	--	4,400	1,300	3.2	74	10	--	--
03/18/92	32.40	-8.29	40.69	--	--	9,800	3,200	34	250	500	--	--
07/14/92	32.40	-6.49	38.89	--	--	6,500	2,200	100	96	240	--	--
10/08/92	32.40	-6.27	38.67	--	--	1,800	1,000	3.1	15	41	--	--
01/08/93	32.40	-5.41	37.81	--	--	5,200	1,600	6.8	63	120	--	--

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**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-0076  
4265 Foothill Boulevard  
Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH							
					REMOVED (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	ETHANOL (ppb)
C-6 (cont)												
04/14/93	32.40	-2.30	34.70	--	--	11,000	1,800	13	110	200	--	--
07/16/93	32.40	-1.47	33.87	--	--	4,800	820	10	41	57	--	--
09/21/93	35.40	1.42	33.98	--	--	4,100	1,200	<50	75	130	--	--
01/28/94	35.40	1.54	33.86	--	--	3,100	930	14	40	34	--	--
03/17/94	35.40	3.09	32.31	--	--	5,100	950	18	61	83	--	--
06/16/94	35.40	3.90	31.50	--	--	3,800	970	6.4	52	62	--	--
09/22/94	35.40	4.18	31.22	--	--	4,100	980	7.8	43	48	--	--
12/15/94	35.40	4.00	31.40	--	--	5,000	1,400	<20	73	61	--	--
03/30/95	35.40	9.02	26.38	--	--	5,500	1,700	<13	120	97	--	--
06/20/95	35.40	10.39	25.01	--	--	1,700	470	<10	29	16	--	--
09/20/95	35.40	11.35	24.05	--	--	3,500	770	<5.0	45	17	--	--
12/06/95	35.40	7.28	28.12	--	--	3,100	710	<10	41	20	<50	--
03/21/96	35.40	12.28	23.12	--	--	1,400	330	<2.5	15	8.1	19	--
06/21/96	35.40	11.90	23.50	--	--	2,200	560	<5.0	18	<5.0	77	--
09/06/96	35.40	10.57	24.83	--	--	2,800	720	<10	13	<10	160	--
12/19/96	35.40	10.90	24.50	--	--	830	320	<2.5	<2.5	<2.5	14	--
03/17/97	35.40	12.81	22.59	--	--	2,200	500	<10	25	<10	<50	--
06/11/97	35.40	11.64	23.76	--	--	3,000	570	<5.0	29	10	220	--
09/17/97	35.40	10.66	24.74	--	--	1,400	330	<5.0	<5.0	<5.0	76	--
12/11/97	35.40	10.75	24.65	--	--	1,600	230	<5.0	7.3	6.4	46	--
03/12/98	35.40	8.28	27.12	--	--	980	300	<5.0	15	12	49	--
06/23/98 <sup>3</sup>	35.40	7.48	27.92	--	--	220	35	<0.5	2.5	1.1	<2.5	--
09/01/98	35.40	3.80	31.60	--	--	1,800	370	2.8	19	5	44	--
12/30/98	35.40	3.58	31.82	--	--	1,600	244	<1.0	8.53	<1.0	54.9	--
03/31/99	35.40	9.34	26.06	--	--	741	92.2	<1.0	6.60	<1.0	27.9	--
06/14/99	35.40	5.72	29.68	--	--	434	110	<1.0	5.76	1.46	13	--
06/14/99 <sup>1</sup>	35.40	5.72	29.68	--	--	--	--	--	--	--	6.96 <sup>2</sup>	--
09/30/99	35.40	12.34	23.06	--	--	481	92.7	<1.0	3.69	<1.0	32.9	--
12/22/99	35.40	12.85	22.55	--	--	1,310	158	2.16	5.5	1.41	113	--
03/09/00	35.40	15.37	20.03	--	--	470	120	0.74	5.0	2.5	36	--
06/23/00 <sup>3</sup>	35.40	13.25	22.15	0.00	0.00	1,700 <sup>4</sup>	210	<5.0	<5.0	5.8	64	--
09/05/00 <sup>3</sup>	35.40	8.35	27.05	0.00	0.00	740 <sup>4</sup>	99	0.60	5.1	2.2	80	--
12/04/00	35.40	10.25	25.15	0.00	0.00	450 <sup>4</sup>	31	0.71	<0.50	<0.50	54	--



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Chevron Service Station #9-0076  
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Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH		B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	ETHANOL (ppb)	
					REMOVED (gallons)	TPH-G (ppb)							
<b>C-6 (cont)</b>													
03/08/01 <sup>3</sup>	35.40	11.56	23.84	0.00	0.00	1,550	228	3.93	19.9	32.5	46.2	--	
06/07/01 <sup>3</sup>	35.40	9.67	25.73	0.00	0.00	360 <sup>4</sup>	21	1.8	2.4	3.8	100	--	
09/13/01 <sup>3</sup>	35.40	11.60	23.80	0.00	0.00	950	180	<5.0	5.9	<5.0	170	--	
12/13/01 <sup>3</sup>	35.40	10.21	25.19	0.00	0.00	2,000	170	0.86	6.4	4.1	77	--	
03/08/02 <sup>3</sup>	35.40	14.32	21.08	0.00	0.00	600	33	0.91	1.8	<1.5	90	--	
06/19/02 <sup>3</sup>	35.40	10.78	24.62	0.00	0.00	370	11	<0.50	<0.50	<1.5	88	--	
09/11/02 <sup>3</sup>	35.40	6.40	29.00	0.00	0.00	490	16	0.50	<0.50	<1.5	120	--	
12/11/02 <sup>3</sup>	35.40	11.22	24.18	0.00	0.00	430	17	<0.50	<0.50	<1.5	100	--	
03/11/03 <sup>3</sup>	35.40	7.70	27.70	0.00	0.00	410	8.8	0.88	<0.50	<1.5	120	--	
06/10/03 <sup>3,7</sup>	35.40	13.80	21.60	0.00	0.00	460	10	<0.5	<0.5	<0.5	100	--	
09/09/03	35.40	INACCESSIBLE - VEHICLE PARKED OVER WELL					--	--	--	--	--	--	--
12/09/03 <sup>7,9</sup>	35.40	9.51	25.89	0.00	0.00	1,700	69	<0.5	3	0.6	83	<50	
03/09/04 <sup>7</sup>	35.40	15.89	19.51	0.00	0.00	6,800	280	1	10	4	96	<50	
06/08/04 <sup>7</sup>	35.40	14.57	20.83	0.00	0.00	560	13	<0.5	<0.5	0.5	68	<50	
09/08/04 <sup>7</sup>	35.40	13.52	21.88	0.00	0.00	290	16	<0.5	<0.5	<0.5	50	<50	
<b>12/06/04<sup>7</sup></b>	<b>35.40</b>	<b>14.06</b>	<b>21.34</b>	<b>0.00</b>	<b>0.00</b>	<b>290</b>	<b>18</b>	<b>&lt;0.5</b>	<b>0.5</b>	<b>&lt;0.5</b>	<b>44</b>	<b>&lt;50</b>	
<b>C-7</b>													
08/27/90	32.17	-12.06	44.23	--	--	110	26	0.8	4.0	6.0	--	--	
11/14/90	32.17	-11.94	44.11	--	--	--	--	--	--	--	--	--	
06/18/91	32.17	-9.88	42.05	--	--	23,000	5,700	420	1,000	2,800	--	--	
09/19/91	32.17	-9.55	41.72	--	--	26,000	4,600	330	970	2,400	--	--	
12/20/91	32.17	-9.50	41.67	--	--	33,000	5,500	270	1,000	2,100	--	--	
03/18/92	32.17	-9.03	41.20	--	--	27,000	5,800	410	1,300	3,300	--	--	
07/14/92	32.17	-7.60	39.77	--	--	46,000	12,000	720	1,700	4,600	--	--	
10/08/92	32.17	-6.97	39.14	--	--	22,000	6,800	370	1,300	3,200	--	--	
01/08/93	32.17	-6.33	38.50	--	--	36,000	7,600	540	1,700	4,200	--	--	
04/14/93	32.17	-3.76	35.93	--	--	23,000	3,100	450	670	1,900	--	--	
07/16/93	32.17	-3.21	35.38	--	--	19,000	3,200	330	550	1,800	--	--	
09/21/93	35.19	-0.27	35.46	--	--	17,000	2,700	160	410	760	--	--	
01/28/94	35.19	-0.26	35.45	--	--	14,000	1,800	210	390	1,000	--	--	
03/17/94	35.19	1.95	33.24	--	--	17,000	1,600	210	410	1,200	--	--	

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-0076  
4265 Foothill Boulevard  
Oakland, California

WELL ID/ DATE	TOC* ( <i>ft.</i> )	GWE ( <i>msl</i> )	DTW ( <i>ft.</i> )	SPHT ( <i>ft.</i> )	SPH		B ( <i>ppb</i> )	T ( <i>ppb</i> )	E ( <i>ppb</i> )	X ( <i>ppb</i> )	MTBE ( <i>ppb</i> )	ETHANOL ( <i>ppb</i> )
					REMOVED ( <i>gallons</i> )	TPH-G ( <i>ppb</i> )						
C-7 (cont)												
06/16/94	35.19	2.12	33.07	--	--	12,000	1,600	180	410	1,200	--	--
09/22/94	35.19	2.45	32.74	--	--	10,000	1,700	110	320	580	--	--
12/15/94	35.19	3.27	31.92	--	--	10,000	1,200	120	280	710	--	--
03/30/95	35.19	7.59	27.60	--	--	4,600	460	73	160	460	--	--
06/20/95	35.19	7.32	27.87	--	--	26,000	4,400	450	900	2,400	--	--
09/20/95	35.19	7.11	28.08	--	--	9,400	610	81	250	800	--	--
12/06/95	35.19	4.57	30.62	--	--	1,200	110	12	25	71	34	--
03/21/96	35.19	7.34	27.85	--	--	17,000	1,300	160	410	1,300	<100	--
09/06/96	35.19	6.84	28.35	--	--	15,000	3,400	<50	460	850	<250	--
12/19/96	35.19	6.08	29.11	--	--	530	9	0.5	0.85	3.4	<2.5	--
03/17/97	35.19	8.05	27.14	--	--	4,600	310	46	110	310	98	--
06/11/97	35.19	7.14	28.05	--	--	420	15	<0.5	3.3	5.1	<2.5	--
09/17/97	35.19	6.19	29.00	--	--	1,400	120	11	31	84	54	--
12/11/97	35.19	5.93	29.26	--	--	210	10	<0.5	0.97	1.6	<2.5	--
03/12/98	35.19	10.27	24.92	--	--	68	<0.5	<0.5	<0.5	<0.5	<2.5	--
06/23/98	35.19	9.89	25.30	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
09/01/98	35.19	8.92	26.27	--	--	570	24	1.4	8.4	22	24	--
12/30/98	35.19	8.67	26.52	--	--	<50	4.85	1.26	<0.5	1.29	167	--
03/31/99	35.19	10.43	24.76	--	--	53.1	<0.5	<0.5	<0.5	<0.5	<2.0	--
06/14/99	35.19	9.75	25.44	--	--	109	4.43	<0.5	<0.5	<0.5	<2.5	--
06/14/99 <sup>1</sup>	35.19	9.75	25.44	--	--	--	--	--	--	--	<2.0 <sup>2</sup>	--
09/30/99	35.19	8.32	26.87	--	--	2,400	282	26.3	120	236	126	--
12/22/99	35.19	7.42	27.77	--	--	3,840	162	18.1	44.7	85.3	141	--
03/09/00	35.19	9.62	25.57	--	--	13,000	2,700	110	700	1,500	<130	--
06/23/00	35.19	9.53	25.66	0.00	0.00	190 <sup>4</sup>	3.4	<0.50	<0.50	1.6	7.3	--
09/05/00	35.19	8.44	26.75	0.00	0.00	4,200 <sup>4</sup>	330	26	120	200	190	--
12/04/00	35.19	8.03	27.16	0.00	0.00	2,600 <sup>4</sup>	550	<5.0	73	62	<25	--
03/08/01	35.19	9.76	25.43	0.00	0.00	1,180	39.2	2.41	15.5	30.8	10.3	--
06/07/01	35.19	9.80	25.39	0.00	0.00	2,600 <sup>4</sup>	440	14	110	130	56	--
09/13/01	35.19	8.58	26.61	0.00	0.00	23,000 <sup>6</sup>	670	<100	150	210	<500	--
12/13/01	35.19	8.50	26.69	0.00	0.00	2,400	160	5.8	42	54	<10	--
03/08/02	35.19	10.39	24.80	0.00	0.00	3,900	380	21	110	160	<20	--
06/19/02	35.19	7.78	27.41	0.00	0.00	3,600	440	8.5	87	73	<10	--

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4265 Foothill Boulevard  
Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH		B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	ETHANOL (ppb)
					REMOVED (gallons)	TPH-G (ppb)						
<b>C-7 (cont)</b>												
09/11/02	35.19	9.41	25.78	0.00	0.00	11,000	1,800	18	360	380	<10	--
12/11/02	35.19	4.44	30.75	0.00	0.00	6,000	1,100	9.3	190	190	<10	--
03/11/03	35.19	8.29	26.90	0.00	0.00	4,900	940	13	150	160	<25	--
06/10/03 <sup>7</sup>	35.19	4.28	30.91	0.00	0.00	3,100	500	7	83	77	4	--
09/09/03 <sup>7</sup>	35.19	3.38	31.81	0.00	0.00	3,900	310	9	110	130	5	<50
12/09/03 <sup>7</sup>	35.19	6.74	28.45	0.00	0.00	170	0.8	<0.5	<0.5	<0.5	5	<50
03/09/04 <sup>7</sup>	35.19	10.73	24.46	0.00	0.00	80	<0.5	<0.5	<0.5	<0.5	4	<50
06/08/04 <sup>7</sup>	35.19	8.23	26.96	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	6	<50
09/08/04 <sup>7</sup>	35.19	9.99	25.20	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	7	<50
<b>12/06/04<sup>7</sup></b>	<b>35.19</b>	<b>10.28</b>	<b>24.91</b>	<b>0.00</b>	<b>0.00</b>	<b>&lt;50</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>7</b>	<b>&lt;50</b>
<b>C-8</b>												
11/14/90	30.68	-12.61	43.29	--	--	<50	<0.3	<0.3	<0.3	<0.6	--	--
06/18/91	30.68	-11.94	42.62	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/19/91	30.68	-11.04	41.72	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/20/91	30.68	-10.30	40.98	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
03/18/92	30.68	-9.34	40.02	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
07/14/92	30.68	-8.34	39.02	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/08/92	30.68	-8.00	38.68	--	--	<50	<0.5	<0.5	<0.5	1.1	--	--
01/08/93	30.68	-7.39	38.07	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
04/14/93	30.68	-5.31	35.99	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
07/16/93	30.68	-4.64	35.32	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/21/93	34.68	-0.62	35.30	--	--	<50	<0.5	<0.5	<0.5	<0.8	--	--
01/28/94	34.68	-0.93	35.61	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
03/17/94	34.68	0.31	34.37	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/16/94	34.68	1.32	33.36	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/22/94	34.68	1.86	32.82	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/15/94	34.68	2.32	32.36	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
03/30/95	34.68	5.44	29.24	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/20/95	34.68	6.34	28.34	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/20/95	34.68	5.20	29.48	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/06/95	34.68	3.76	30.92	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--

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4265 Foothill Boulevard  
Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH								
					REMOVED (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	ETHANOL (ppb)	
C-8 (cont)													
03/21/96	34.68	6.03	28.65	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<2.5	--
06/21/96	34.68	6.78	27.90	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<2.5	--
09/06/96	34.68	5.98	28.70	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<2.5	--
12/19/96	34.68	4.98	29.70	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<2.5	--
03/17/97	34.68	6.92	27.76	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<2.5	--
06/11/97	34.68	5.87	28.81	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<2.5	--
09/17/97	34.68	5.32	29.36	--	--	SAMPLED ANNUALLY		--	--	--	--	<2.5	--
12/11/97	34.68	4.88	29.80	--	--	--	--	--	--	--	--	--	--
03/12/98	34.68	8.95	25.73	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	2.6	--
06/23/98	34.68	8.38	26.30	--	--	--	--	--	--	--	--	--	--
09/01/98	34.68	8.17	26.51	--	--	--	--	--	--	--	--	--	--
12/30/98	34.68	7.79	26.89	--	--	--	--	--	--	--	--	--	--
03/31/99	34.68	8.32	26.36	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	11.8	--
06/14/99	34.68	8.65	26.03	--	--	--	--	--	--	--	--	--	--
09/30/99	34.68	7.40	27.28	--	--	--	--	--	--	--	--	--	--
12/22/99	34.68	6.48	28.20	--	--	--	--	--	--	--	--	--	--
03/09/00	34.68	8.35	26.33	--	--	<50	<0.5	<0.5	<0.5	<0.5	1.8	<2.5	--
06/23/00	34.68	8.49	26.19	0.00	0.00	SAMPLED ANNUALLY		--	--	--	--	--	--
09/05/00	34.68	7.71	26.97	0.00	0.00	--	--	--	--	--	--	--	--
12/04/00	34.68	7.26	27.42	0.00	0.00	--	--	--	--	--	--	--	--
03/08/01	34.68	8.58	26.10	0.00	0.00	<50.0	<0.500	<0.500	<0.500	<0.500	<0.500	<2.50	--
06/07/01	34.68	8.89	25.79	0.00	0.00	SAMPLED ANNUALLY		--	--	--	--	--	--
09/13/01	34.68	7.87	26.81	0.00	0.00	SAMPLED ANNUALLY		--	--	--	--	--	--
12/13/01	34.68	7.52	27.16	0.00	0.00	SAMPLED ANNUALLY		--	--	--	--	--	--
03/08/02	34.68	9.38	25.30	0.00	0.00	<50	<0.50	<0.50	<0.50	<0.50	<1.5	<2.5	--
06/19/02	34.68	9.75	24.93	0.00	0.00	SAMPLED ANNUALLY		--	--	--	--	--	--
09/11/02	34.68	8.76	25.92	0.00	0.00	SAMPLED ANNUALLY		--	--	--	--	--	--
12/11/02	34.68	7.37	27.31	0.00	0.00	SAMPLED ANNUALLY		--	--	--	--	--	--
03/11/03	34.68	8.89	25.79	0.00	0.00	<50	<0.50	<0.50	<0.50	<0.50	<1.5	<2.5	--
06/10/03	34.68	9.40	25.28	0.00	0.00	SAMPLED ANNUALLY		--	--	--	--	--	--
09/09/03	34.68	8.57	26.11	0.00	0.00	SAMPLED ANNUALLY		--	--	--	--	--	--
12/09/03	34.68	6.17	28.51	0.00	0.00	SAMPLED ANNUALLY		--	--	--	--	--	--
03/09/04 <sup>7</sup>	34.68	10.70	23.98	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<50

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WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH		TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	ETHANOL (ppb)
					REMOVED (gallons)								
<b>C-8 (cont)</b>													
06/08/04	34.68	9.41	25.27	0.00	0.00		SAMPLED ANNUALLY	--	--	--	--	--	--
09/08/04	34.68	8.85	25.83	0.00	0.00		SAMPLED ANNUALLY	--	--	--	--	--	--
12/06/04	34.68	9.62	25.06	0.00	0.00		SAMPLED ANNUALLY	--	--	--	--	--	--
<b>C-9</b>													
08/13/96	--	--	28.27	--	--		ND	ND	ND	ND	ND	ND	--
09/06/96	--	--	28.47	--	--		<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
12/19/96	30.68	1.39	29.29	--	--		<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
03/17/97	30.68	3.11	27.57	--	--		<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
06/11/97	30.68	2.41	28.27	--	--		<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
09/17/97	30.68	2.05	28.63	--	--		SAMPLED ANNUALLY		--	--	--	--	--
12/11/97	30.68	1.25	29.43	--	--		--	--	--	--	--	--	--
03/12/98	30.68	5.06	25.62	--	--		<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
06/23/98	30.68	4.53	26.15	--	--		--	--	--	--	--	--	--
09/01/98	30.68	4.30	26.38	--	--		--	--	--	--	--	--	--
12/30/98	30.68	3.93	26.75	--	--		--	--	--	--	--	--	--
03/31/99	30.68	5.35	25.33	--	--		<50	<0.5	<0.5	<0.5	<0.5	12.5	--
06/14/99	30.68	4.16	26.52	--	--		--	--	--	--	--	--	--
09/30/99	30.68	3.89	26.79	--	--		--	--	--	--	--	--	--
12/22/99	30.68	2.99	27.69	--	--		--	--	--	--	--	--	--
03/09/00	30.68	4.64	26.04	--	--		<50	<0.5	<0.5	<0.5	0.75	<2.5	--
06/23/00	30.68	4.83	25.85	0.00	0.00		--	--	--	--	--	--	--
09/05/00	30.68	3.99	26.69	0.00	0.00		--	--	--	--	--	--	--
12/04/00	30.68	3.61	27.07	0.00	0.00		--	--	--	--	--	--	--
03/08/01	30.68	4.93	25.75	0.00	0.00		<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	--
06/07/01	30.68	5.18	25.50	0.00	0.00		SAMPLED ANNUALLY		--	--	--	--	--
09/13/01	30.68	4.13	26.55	0.00	0.00		SAMPLED ANNUALLY		--	--	--	--	--
12/13/01	30.68	3.91	26.77	0.00	0.00		SAMPLED ANNUALLY		--	--	--	--	--
03/08/02	30.68	5.68	25.00	0.00	0.00		<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
06/19/02	30.68	6.01	24.67	0.00	0.00		SAMPLED ANNUALLY		--	--	--	--	--
09/11/02	30.68	4.98	25.70	0.00	0.00		SAMPLED ANNUALLY		--	--	--	--	--
12/11/02	30.68	3.61	27.07	0.00	0.00		SAMPLED ANNUALLY		--	--	--	--	--

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WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH		TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	ETHANOL (ppb)
					REMOVED (gallons)								
<b>C-9 (cont)</b>													
03/11/03	30.68	6.20	24.48	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--
06/10/03	30.68	5.68	25.00	0.00	0.00	SAMPLED ANNUALLY		--	--	--	--	--	--
09/09/03	30.68	4.88	25.80	0.00	0.00	SAMPLED ANNUALLY		--	--	--	--	--	--
12/09/03	30.68	2.46	28.22	0.00	0.00	SAMPLED ANNUALLY		--	--	--	--	--	--
03/09/04 <sup>7</sup>	30.68	6.82	23.86	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<50	<50
06/08/04	-- <sup>10</sup>	-- <sup>10</sup>	25.21	0.00	0.00	SAMPLED ANNUALLY		--	--	--	--	--	--
09/08/04	-- <sup>10</sup>	-- <sup>10</sup>	25.61	0.00	0.00	SAMPLED ANNUALLY		--	--	--	--	--	--
12/06/04	-- <sup>10</sup>	-- <sup>10</sup>	<b>24.77</b>	<b>0.00</b>	<b>0.00</b>	SAMPLED ANNUALLY		--	--	--	--	--	--
<b>C-10</b>													
09/09/03 <sup>7,8</sup>	--	--	17.18	0.00	0.00	<50	<0.5	<0.5	<0.5	0.5	14	<50	<50
12/09/03 <sup>7</sup>	--	--	14.24	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	2	<50	<50
03/09/04 <sup>7</sup>	38.37	28.67	9.70	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	15	<50	<50
06/08/04 <sup>7</sup>	38.37	26.67	11.70	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	44	<50	<50
09/08/04 <sup>7</sup>	38.37	25.37	13.00	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	2	<50	<50
12/06/04 <sup>7</sup>	<b>38.37</b>	<b>25.84</b>	<b>12.53</b>	<b>0.00</b>	<b>0.00</b>	<b>&lt;50</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>3</b>	<b>&lt;50</b>	<b>&lt;50</b>
<b>TRIP BLANK</b>													
04/28/89	--	--	--	--	--	<500	<0.5	<0.5	<0.5	<0.5	--	--	--
08/08/89	--	--	--	--	--	<500	<0.5	<0.5	<0.5	<0.5	--	--	--
08/27/90	--	--	--	--	--	<50	<0.3	<0.3	<0.3	<0.6	--	--	--
11/14/90	--	--	--	--	--	<50	<0.3	<0.3	<0.3	<0.6	--	--	--
06/18/91	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
09/19/91	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
12/20/91	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
03/18/92	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
07/14/92	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
10/08/92	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
01/08/93	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
04/14/93	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
07/16/93	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-0076  
4265 Foothill Boulevard  
Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH							MTBE (ppb)	ETHANOL (ppb)
					REMOVED (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)			
<b>TRIP BLANK (cont)</b>													
09/21/93	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.8	--	--
01/28/94	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--
03/17/94	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--
06/16/94	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--
09/22/94	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--
12/15/94	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--
03/30/95	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--
06/20/95	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--
09/20/95	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--
12/06/95	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--
03/21/96	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<2.5	--
06/21/96	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<2.5	--
09/06/96	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--
12/19/96	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<2.5	--
03/17/97	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<2.5	--
06/11/97	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<2.5	--
09/17/97	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<2.5	--
12/11/97	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<2.5	--
03/12/98	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<2.5	--
06/23/98	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<2.5	--
09/01/98	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<2.5	--
12/30/98	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<2.0	--
03/31/99	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<2.0	--
06/14/99	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<2.5	--
12/22/99	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<2.5	--
06/23/00	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<2.5	--
09/05/00	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<2.5	--
12/04/00	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<2.5	--
03/08/01	--	--	--	--	--	<50.0	<0.500	<0.500	<0.500	<0.500	<0.500	<2.50	--
06/07/01	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<2.5	--
09/13/01	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<2.5	--

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Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH		TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	ETHANOL (ppb)
					REMOVED (gallons)								
<b>QA</b>													
12/13/01	--	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
03/08/02	--	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
06/19/02	--	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
09/11/02	--	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
12/11/02	--	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
03/11/03	--	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
06/10/03 <sup>7</sup>	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
09/09/03 <sup>7</sup>	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
12/09/03 <sup>7</sup>	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/09/04 <sup>7</sup>	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
06/08/04 <sup>7</sup>	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
09/08/04 <sup>7</sup>	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
12/06/04 <sup>7</sup>	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--



**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
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Oakland, California

**EXPLANATIONS:**

Groundwater monitoring data and laboratory analytical results prior to June 23, 2000, were compiled from reports prepared by Blaine Tech Services, Inc.

TOC = Top of Casing

(ft.) = Feet

GWE = Groundwater Elevation

(msl) = Mean sea level

DTW = Depth to Water

SPHT = Separate Phase Hydrocarbons Thickness

SPH = Separate Phase Hydrocarbons

TPH-G = Total Petroleum Hydrocarbons as Gasoline

B = Benzene

T = Toluene

E = Ethylbenzene

X = Xylenes

MTBE = Methyl tertiary butyl ether

(ppb) = Parts per billion

ND = Not Detected

-- = Not Measured/Not Analyzed

QA = Quality Assurance/Trip Blank

\* TOC elevation for C-10 was surveyed on September 26, 2003, by Virgil Chavez Land Surveying. The benchmark for this survey was a City of Oakland No. 1589, a cut square in the sidewalk at the mid-return at the west corner of High Street and Foothill Blvd., (Benchmark Elevation = 38.54 feet, NGVD 29).

<sup>1</sup> Confirmation run.

<sup>2</sup> Sample were analyzed past hold-time, the results should be considered as estimated.

<sup>3</sup> ORC present in well.

<sup>4</sup> Laboratory report indicates gasoline C6-C12.

<sup>5</sup> Laboratory report indicates sample was originally analyzed within holding time. Re-analysis for confirmation or dilution was performed past the recommended holding time.

<sup>6</sup> Laboratory report indicates hydrocarbon pattern is present in the requested fuel quantitation range but does not resemble the pattern of the requested fuel.

<sup>7</sup> BTEX and MTBE by EPA Method 8260.

<sup>8</sup> Well development performed.

<sup>9</sup> ORC removed from well.

<sup>10</sup> TOC has been altered; unable to determine an accurate GWE.