



# GETTLER-RYAN INC.

AG

## TRANSMITTAL

January 16, 2003

G-R #386495

TO: Mr. Robert Foss  
Cambria Environmental Technology, Inc.  
2680 Bishop Drive, Suite 290  
San Ramon, CA 94583 **Alameda County**

CC: Ms. Karen Streich  
Chevron Products Company  
P.O. Box 6004  
San Ramon, California 94583

FEB 06 2003

FROM: Deanna L. Harding  
Project Coordinator  
Gettler-Ryan Inc.  
6747 Sierra Court, Suite J  
Dublin, California 94568

**Environmental Health**

RE: **Chevron Service Station**  
**#9-0076**  
**4265 Foothill Boulevard**  
**Oakland, California**

WE HAVE ENCLOSED THE FOLLOWING:

COPIES	DATED	DESCRIPTION
1	January 15, 2003	Groundwater Monitoring and Sampling Report Fourth Quarter - Event of December 11, 2002

### COMMENTS:

This report is being sent for your review. Please provide any comments/changes and propose any groundwater monitoring modifications for the next event prior to **January 31, 2003**, at which time the final report will be distributed to the following:

- cc: Mr. Barney Chan, Alameda County Health Care Services, Dept. of Environmental Health, 1131 Harbor Bay Parkway, Suite 250, Alameda, CA 94502-6577
- Ms. Karen Petryna, Equiva Services, LLC, P.O. Box 7869, Burbank, CA 91510-7869
- Mr. David DeWitt, ConocoPhillips, 2000 Crow Canyon Place, Suite 400, San Ramon, CA 94583
- Ms. Erica Myran, Albertson's, Inc., P.O. Box 20, Dept. 74200, Boise, ID 83726

Enclosures

trans/9-0076-ks



# GETTLER-RYAN INC.

January 15, 2003  
G-R Job #386495

Ms. Karen Streich  
Chevron Products Company  
P.O. Box 6004  
San Ramon, CA 94583

**RE: Fourth Quarter Event of December 11, 2002**  
Groundwater Monitoring & Sampling Report  
Chevron Service Station #9-0076  
4265 Foothill Boulevard  
Oakland, California

Dear Ms. Streich:

This report documents the most recent groundwater monitoring and sampling event performed by Gettler-Ryan Inc. (G-R) at the referenced site. All field work was conducted in accordance with G-R Standard Operating Procedure - Groundwater Sampling (attached). A joint monitoring event was conducted with the Shell Service Station, located at 4411 Foothill Boulevard, Oakland, California. Joint monitoring is conducted in the first quarter with the BP Service Station, located at 4280 Foothill Boulevard.

Static groundwater levels were measured and the wells were checked for the presence of separate-phase hydrocarbons. Static water level data, groundwater elevations, and separate-phase hydrocarbon thickness (if any) are presented in the attached Table 1. A Potentiometric Map is included as Figure 1.

Groundwater samples were collected from the monitoring wells and submitted to a state certified laboratory for analyses. The field data sheets for this event are attached. Analytical results are presented in the table(s) listed below. The chain of custody document and laboratory analytical report are also attached.

Please call if you have any questions or comments regarding this report. Thank you.

Sincerely,

Deanna L. Harding  
Project Coordinator

Robert C. Mallory  
Registered Geologist No. 7285

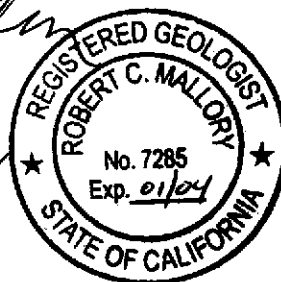
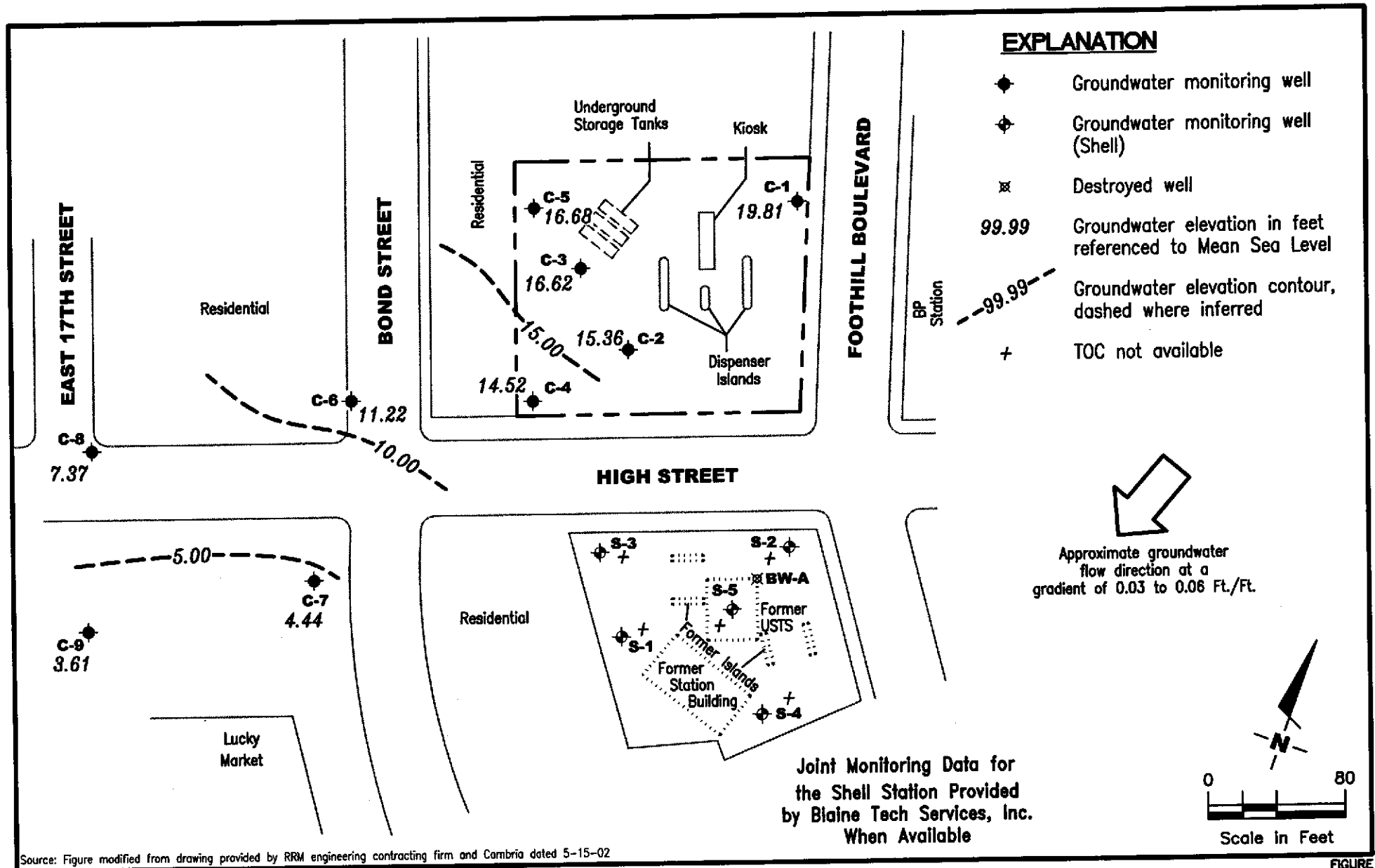


Figure 1: Potentiometric Map  
Table 1: Groundwater Monitoring Data and Analytical Results  
Table 2: Field Measurements and Groundwater Analytical Results  
Attachments: Standard Operating Procedure - Groundwater Sampling  
Field Data Sheets  
Chain of Custody Document and Laboratory Analytical Reports



**GETTLER - RYAN INC.**  
 6747 Sierra Ct., Suite J  
 Dublin, CA 94568 (925) 551-7555

**POTENTIOMETRIC MAP**  
 Chevron Service Station #9-0076  
 4265 Foothill Boulevard  
 Oakland, California

FIGURE  
**1**

PROJECT NUMBER <b>386495</b>	REVIEWED BY	DATE <b>December 11, 2002</b>	REVISED DATE
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**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)
C-1						940	30	1.3	11	13	--
04/28/89	35.42	15.37	20.05	--	--	820	45	2.0	13	13	--
08/08/89	35.42	11.35	24.07	--	--	--	--	--	--	--	--
12/21/89	35.42	12.61	22.81	--	--	440	15	1.0	6.0	13	--
08/27/90	35.42	13.30	22.12	--	--	--	--	--	--	--	--
11/04/90	35.42	9.86	25.56	--	--	74	5.6	0.6	1.9	1.3	--
06/18/91	35.42	13.78	21.64	--	--	150	7.1	<0.5	2.3	3.0	--
09/19/91	35.42	10.84	24.58	--	--	250	10	<0.5	3.7	1.6	--
12/20/91	35.42	9.25	26.17	--	--	190	16	<0.5	8.5	3	--
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

**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)
<b>C-1 (cont)</b>											
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
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
<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	--	--	--	--	--	--	--	--

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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)
C-2 (cont)											
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
06/23/98 <sup>1</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

**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)
<b>C-2 (cont)</b>											
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
<b>C-3</b>											
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	--

**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)
C-3 (cont)											
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
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



**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)
<b>C-3 (cont)</b>											
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
<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	--
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	--

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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)
C-4 (cont)											
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
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

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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)
<b>C-4 (cont)</b>											
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
<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	--	--
09/19/91	35.50	5.99	29.51	--	--	<50	<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	--
03/18/92	35.50	9.58	25.92	--	--	<50	<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	--
10/08/92	35.50	6.85	28.65	--	--	<50	<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	--
04/14/93	35.50	11.46	24.04	--	--	<50	<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	--
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	--
03/17/94	38.50	14.00	24.50	--	--	<50	<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	--
09/22/94	38.50	13.34	25.16	--	--	<50	<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	--
03/30/95	38.50	19.96	18.54	--	--	<50	<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	--
09/20/95	38.50	14.16	24.34	--	--	<50	<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	<2.5
03/21/96	38.50	20.10	18.40	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5

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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)
C-5 (cont)						<50	<0.5	<0.5	<0.5	<0.5	8.7
06/21/96	38.50	18.23	20.27	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/06/96	38.50	16.60	21.90	--	--	<50	<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	<2.5
03/17/97	38.50	18.66	19.84	--	--	<50	<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	<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	<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	15
06/14/99	38.50	21.02	17.48	--	--	--	--	--	--	--	--
09/30/99	38.50	19.77	18.73	--	--	--	--	--	--	--	--
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		--	--	--	--

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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)
<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	--
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

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<b>C-6 (cont)</b>											
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
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
<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	--

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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		B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
					REMOVED (gallons)	TPH-G (ppb)					
<b>C-7 (cont)</b>											
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	--
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

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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)
<b>C-7 (cont)</b>											
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
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
<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	1.1	--
10/08/92	30.68	-8.00	38.68	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
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	--



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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)
<b>C-8 (cont)</b>											
12/06/95	34.68	3.76	30.92	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/21/96	34.68	6.03	28.65	--	--	<50	<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	<2.5
09/06/96	34.68	5.98	28.70	--	--	<50	<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	<2.5
03/17/97	34.68	6.92	27.76	--	--	<50	<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	<2.5
09/17/97	34.68	5.32	29.36	--	--	SAMPLED ANNUALLY		--	--	--	--
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	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	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	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	<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	<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		--	--	--	--

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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)
C-9											
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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 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)
<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	--
09/21/93	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.8	--
01/28/94	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/17/94	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/16/94	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/22/94	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/15/94	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/30/95	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/20/95	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/20/95	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/06/95	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/21/96	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/21/96	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/06/96	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/19/96	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/17/97	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/11/97	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/17/97	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
12/11/97	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5

**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 REMOVED (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
TRIP BLANK (cont)						<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/12/98	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/23/98	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/01/98	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0
12/30/98	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0
03/31/99	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/14/99	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
12/22/99	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
06/23/00	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
09/05/00	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
12/04/00	--	--	--	--	--	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50
03/08/01	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
06/07/01	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
09/13/01	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
QA						<50	<0.50	<0.50	<0.50	<1.5	<2.5
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

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

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**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	TPH-G = Total Petroleum Hydrocarbons as Gasoline	ND = Not Detected
(ft.) = Feet	B = Benzene	-- = Not Measured/Not Analyzed
GWE = Groundwater Elevation	T = Toluene	QA = Quality Assurance/Trip Blank
(msl) = Mean sea level	E = Ethylbenzene	
DTW = Depth to Water	X = Xylenes	
SPHT = Separate Phase Hydrocarbons Thickness	MTBE = Methyl tertiary butyl ether	
SPH = Separate Phase Hydrocarbons	(ppb) = Parts per billion	

- <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.

**Table 2**  
**Field Measurements and Groundwater Analytical Results**  
Chevron Service Station #9-0076  
4265 Foothill Boulevard  
Oakland, California

WELL ID/ DATE	DO Pre-Purge (mg/L)	DO Post-Purge (mg/L)	ORP Pre-Purge (mV)	ORP Post-Purge (mV)	Total Alkalinity (mg/L)	Ferrous Iron (ppm)	Nitrate as Nitrate (ppm)	Sulfate (ppm)
<b>C-1</b>								
09/17/97	1.4	8.8	101	104	2.0	1.1	<1.0	12
03/12/98	1.7	3.6	171	171	550	3.0	<1.0	6.6
03/31/99	6.5	1.8	99	89	382	2520 <sup>1</sup>	0.418	8.23
12/22/99	0.95	2.0	-95	-128	568	0.19	<0.1	11
03/09/00	1.8	2.4	-47	-38	520	0.84	0.54	15
09/05/00	1.74	2.66	105	59	520	0.41	1.6	10
<b>C-2</b>								
09/17/97	1.3	--	150	--	560	4.7	<1.0	<1.0
03/12/98	1.1	1.1	176	174	420	3.5	<1.0	<1.0
03/31/99	1.5	1.6	151	157	456	2100 <sup>1</sup>	0.118	19.7
12/22/99	0.6	0.65	-90	-84	782	1.0	5.34	5.38
03/09/00	1.0	1.6	-68	-70	450	0.31	<0.1	0.39
09/05/00	1.31	1.85	65	44	690	0.34	<1.0	<1.0
<b>C-3</b>								
09/17/97	2.1	0.8	59	67	340	0.012	100	33
03/12/98	2.8	2.5	165	163	260	0.14	88	32
03/31/99	4.1	3.3	101	89	256	<500 <sup>1</sup>	18.4	72
12/22/99	0.98	1.48	69	107	402	0.013	67.7	37.6
03/09/00	3.3	1.6	110	97	390	0.12	60	38
09/05/00	3.79	2.53	202	203	430	0.011	52	40
<b>C-4</b>								
09/17/97	0.6	0.2	102	107	540	5.9	<1.0	<1.0
03/12/98	1.5	2.6	173	175	550	1.3	<1.0	2.7
03/31/99	1.8	2.2	170	176	492	1,560 <sup>1</sup>	0.191	<1.0

**Table 2**  
**Field Measurements and Groundwater Analytical Results**  
Chevron Service Station #9-0076  
4265 Foothill Boulevard  
Oakland, California

WELL ID/ DATE	DO Pre-Purge (mg/L)	DO Post-Purge (mg/L)	ORP Pre-Purge (mV)	ORP Post-Purge (mV)	Total Alkalinity (mg/L)	Ferrous Iron (ppm)	Nitrate as Nitrate (ppm)	Sulfate (ppm)
<b>C-4 (cont)</b>								
12/22/99	6.8	5.68	-25	14	739	0.87	1.85	39.6
03/09/00	1.1	1.9	-13	-39	530	<0.01	<0.1	4.5
09/05/00	2.22	2.02	105	138	530	<0.010	<1.0	29
<b>C-5</b>								
03/12/98	1.7	1.9	70	169	210	0.074	69	74
03/31/99	12.8	6.7	92	97	254	<500 <sup>1</sup>	16.7	69.7
03/09/00	2.8	3.6	120	118	230	0.39	60	74
<b>C-6</b>								
09/17/97	1.5	1.2	-57	-48	620	1.1	<1.0	18
03/12/98	14.1	11.3	173	174	200	0.11	14	14
03/31/99	9.8	8.4	162	168	534	<500 <sup>1</sup>	0.849	45.3
12/22/99	1.02	1.22	-65	-60	614	0.36	0.421	32
03/09/00	5.4	1.6	-113	-35	540	0.26	0.14	24
09/05/00	1.90	2.73	45	31	550	0.18	<1.0	38
<b>C-7</b>								
09/17/97	0.6	0.4	126	115	600	4.8	<1.0	18
03/12/98	2.2	2.1	167	167	460	0.16	<1.0	29
03/31/99	2.0	1.8	137	135	486	<500 <sup>1</sup>	<0.1	29.4
12/22/99	1.8	1.5	20	-60	400	1.6	0.434	16.9
03/09/00	0.7	2.5	10	-13	610	2.1	<0.1	5.5
09/05/00	1.77	1.46	133	46	590	1.8	<1.0	12

**Table 2**  
**Field Measurements and Groundwater Analytical Results**  
 Chevron Service Station #9-0076  
 4265 Foothill Boulevard  
 Oakland, California

WELL ID/ DATE	DO Pre-Purge (mg/L)	DO Post-Purge (mg/L)	ORP Pre-Purge (mV)	ORP Post-Purge (mV)	Total Alkalinity (mg/L)	Ferrous Iron (ppm)	Nitrate as Nitrate (ppm)	Sulfate (ppm)
<b>C-8</b>								
03/12/98	1.0	1.1	171	169	110	0.16	7.4	8.2
03/31/99	1.8	1.5	149	132	264	<500 <sup>1</sup>	17	71
03/09/00	2.7	3.3	141	160	270	0.24	29	35
<b>C-9</b>								
03/12/98	2.5	2.5	172	168	230	0.048	59	58
03/31/99	2.1	2.3	154	142	236	<500 <sup>1</sup>	18	72.7
03/09/00	2.5	3.7	108	138	190	0.79	100	73

**EXPLANATIONS:**

Groundwater laboratory analytical results prior to September 5, 2000, were compiled from reports prepared by Blaine Tech Services, Inc.

DO = Dissolved Oxygen

(mg/L) = Milligrams per liter

ORP = Oxidation Reduction Potential

(mV) = Millivolts

(ppm) = Parts per million

-- = Not Measured

<sup>1</sup> Analyzed in part per billion (ppb).



## STANDARD OPERATING PROCEDURE - GROUNDWATER SAMPLING

Gettler-Ryan Inc. field personnel adhere to the following procedures for the collection and handling of groundwater samples prior to analysis by the analytical laboratory. Prior to sample collection, the type of analysis to be performed is determined. Loss prevention of volatile compounds is controlled and sample preservation for subsequent analysis is maintained.

Prior to sampling, the presence or absence of free-phase hydrocarbons is determined using an interface probe. Product thickness, if present, is measured to the nearest 0.01 foot and is noted in the field notes. In addition, all depth to water level measurements are collected with a static water level indicator and are also recorded in the field notes, prior to purging and sampling any wells.

After water levels are collected and prior to sampling, each well is purged a minimum of three well casing volumes of water using pre-cleaned pumps (stack, suction, Grundfos), or disposable bailers. Temperature, pH and electrical conductivity are measured a minimum of three times during the purging. Purging continues until these parameters stabilize.

Groundwater samples are collected using disposable bailers. The water samples are transferred from the bailer into appropriate containers. Pre-preserved containers, supplied by analytical laboratories, are used when possible. When pre-preserved containers are not available, the laboratory is instructed to preserve the sample as appropriate. Duplicate samples are collected for the laboratory to use in maintaining quality assurance/quality control standards. The samples are labeled to include the job number, sample identification, collection date and time, analysis, preservation (if any), and the sample collector's initials. The water samples are placed in a cooler, maintained at 4°C for transport to the laboratory. Once collected in the field, all samples are maintained under chain of custody until delivered to the laboratory.

The chain of custody document includes the job number, type of preservation, if any, analysis requested, sample identification, date and time collected, and the sample collector's name. The chain of custody is signed and dated (including time of transfer) by each person who receives or surrenders the samples, beginning with the field personnel and ending with the laboratory personnel.

A laboratory supplied trip blank accompanies each sampling set. For sampling sets greater than 20 samples, 5% trip blanks are included. The trip blank is analyzed for some or all of the same compounds as the groundwater samples.

As requested by Chevron Products Company, the purge water and decontamination water generated during sampling activities is transported by IWM to McKittrick Waste Management located in McKittrick, California.



# GETTLER - RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-0076 Job Number: 386495  
 Site Address: 4265 Foothill Blvd. Event Date: 12.11.02 (inclusive)  
 City: Oakland, CA Sampler: FT

Well ID: C-1 Date Monitored: 12.11.02 Well Condition: OK  
 Well Diameter: 2 / 3 in.  
 Total Depth: 39.05 ft.  
 Depth to Water: 18.60 ft.  
19.45 xVF .38 = 7.39 x3 (case volume) = Estimated Purge Volume: 22.17 gal.

Volume	3/4" = 0.02	1" = 0.04	2" = 0.17	3" = 0.38
Factor (VF)	4" = 0.66	5" = 1.02	6" = 1.50	12" = 5.80

Purge Equipment:  
 Disposable Bailer \_\_\_\_\_  
 Stainless Steel Bailer \_\_\_\_\_  
 Stack Pump   
 Suction Pump   
 Grundfos \_\_\_\_\_  
 Other: \_\_\_\_\_

Sampling Equipment:  
 Disposable Bailer   
 Pressure Bailer \_\_\_\_\_  
 Discrete Bailer \_\_\_\_\_  
 Other: \_\_\_\_\_

Time Started: \_\_\_\_\_ (2400 hrs)  
 Time Bailed: \_\_\_\_\_ (2400 hrs)  
 Depth to Product: \_\_\_\_\_ ft  
 Depth to Water: \_\_\_\_\_ ft  
 Hydrocarbon Thickness: \_\_\_\_\_ ft  
 Visual Confirmation/Description: \_\_\_\_\_  
 Skimmer / Absorbant Sock (circle one)  
 Amt Removed from Skimmer: \_\_\_\_\_ gal  
 Amt Removed from Well: \_\_\_\_\_ gal  
 Product Transferred to: \_\_\_\_\_

Start Time (purge): 12:04 Weather Conditions: SUNNY  
 Sample Time/Date: 12:24 / 12.11.02 Water Color: CLEAR Odor: YES  
 Purging Flow Rate: 2.5 gpm. Sediment Description: \_\_\_\_\_  
 Did well de-water? NO If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (°F)	D.O. (mg/L)	ORP (mV)
<u>12:07</u>	<u>7.5</u>	<u>7.13</u>	<u>106.2</u>	<u>21.4</u>	_____	_____
<u>12:10</u>	<u>15.0</u>	<u>7.12</u>	<u>98.3</u>	<u>22.4</u>	_____	_____
<u>12:13</u>	<u>22.0</u>	<u>7.15</u>	<u>94.8</u>	<u>23.1</u>	_____	_____
_____	_____	_____	_____	_____	_____	_____

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>C-1</u>	<u>3</u> x voa vial	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-G(8015)/BTEX+MTBE(8021)</u>
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

COMMENTS: "ORC IN WELL"

Add/Replaced Lock: \_\_\_\_\_ Add/Replaced Plug: \_\_\_\_\_ Size: \_\_\_\_\_



# GETTLER-RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-0076 Job Number: 386495  
 Site Address: 4265 Foothill Blvd. Event Date: 12.11.02 (inclusive)  
 City: Oakland, CA Sampler: ET

Well ID: C-2  
 Well Diameter: 2 / ③ in.  
 Total Depth: 35.95 ft.  
 Depth to Water: 22.11 ft.  
13.84 xVF .38 = 5.25 x3 (case volume) = Estimated Purge Volume: 15.77 gal.

Date Monitored: 12.11.02 Well Condition: OK

Volume	3/4" = 0.02	1" = 0.04	2" = 0.17	3" = 0.38
Factor (VF)	4" = 0.66	5" = 1.02	6" = 1.50	12" = 5.80

Purge Equipment:  
 Disposable Bailer: \_\_\_\_\_  
 Stainless Steel Bailer: \_\_\_\_\_  
 Stack Pump:   
 Suction Pump:   
 Grundfos: \_\_\_\_\_  
 Other: \_\_\_\_\_

Sampling Equipment:  
 Disposable Bailer:   
 Pressure Bailer: \_\_\_\_\_  
 Discrete Bailer: \_\_\_\_\_  
 Other: \_\_\_\_\_

Time Started: \_\_\_\_\_ (2400 hrs)  
 Time Bailed: \_\_\_\_\_ (2400 hrs)  
 Depth to Product: \_\_\_\_\_ ft  
 Depth to Water: \_\_\_\_\_ ft  
 Hydrocarbon Thickness: \_\_\_\_\_ ft  
 Visual Confirmation/Description: \_\_\_\_\_  
 Skimmer / Absorbant Sock (circle one)  
 Amt Removed from Skimmer: \_\_\_\_\_ gal  
 Amt Removed from Well: \_\_\_\_\_ gal  
 Product Transferred to: \_\_\_\_\_

Start Time (purge): 1:13 Weather Conditions: SUNNY  
 Sample Time/Date: 1:31 / 12.11.02 Water Color: CLEAR Odor: YES / STRONG  
 Purging Flow Rate: 2.5 gpm. Sediment Description: \_\_\_\_\_  
 Did well de-water? NO If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (°F)	D.O. (mg/L)	ORP (mV)
<u>1:14</u>	<u>5.5</u>	<u>7.07</u>	<u>98.6</u>	<u>22.8</u>	_____	_____
<u>1:16</u>	<u>11.0</u>	<u>7.05</u>	<u>94.2</u>	<u>22.6</u>	_____	_____
<u>1:19</u>	<u>16.0</u>	<u>7.03</u>	<u>89.6</u>	<u>22.4</u>	_____	_____
_____	_____	_____	_____	_____	_____	_____

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>C-2</u>	<u>3</u> x voa vial	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-G(8015)/BTEX+MTBE(8021)</u>
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

COMMENTS: "OIL IN WELL"

Add/Replaced Lock: \_\_\_\_\_

Add/Replaced Plug: \_\_\_\_\_ Size: \_\_\_\_\_



# GETTLER - RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-0076 Job Number: 386495  
 Site Address: 4265 Foothill Blvd. Event Date: 12-11-02 (inclusive)  
 City: Oakland, CA Sampler: FT

Well ID: C-3  
 Well Diameter: 2 / ③ in.  
 Total Depth: 39.22 ft.  
 Depth to Water: 21.75 ft.  
17.47

Date Monitored: 12-11-02

Well Condition: OK'

Volume	3/4" = 0.02	1" = 0.04	2" = 0.17	3" = 0.38
Factor (VF)	4" = 0.66	5" = 1.02	6" = 1.50	12" = 5.80

xVF .38 = 6.63 x3 (case volume) = Estimated Purge Volume: 19.91 gal.

**Purge Equipment:**

Disposable Bailer \_\_\_\_\_  
 Stainless Steel Bailer \_\_\_\_\_  
 Stack Pump  \_\_\_\_\_  
 Suction Pump  \_\_\_\_\_  
 Grundfos \_\_\_\_\_  
 Other: \_\_\_\_\_

**Sampling Equipment:**

Disposable Bailer  \_\_\_\_\_  
 Pressure Bailer \_\_\_\_\_  
 Discrete Bailer \_\_\_\_\_  
 Other: \_\_\_\_\_

Time Started: \_\_\_\_\_ (2400 hrs)  
 Time Bailed: \_\_\_\_\_ (2400 hrs)  
 Depth to Product: \_\_\_\_\_ ft  
 Depth to Water: \_\_\_\_\_ ft  
 Hydrocarbon Thickness: \_\_\_\_\_ ft  
 Visual Confirmation/Description: \_\_\_\_\_  
 Skimmer / Absorbent Sock (circle one)  
 Amt Removed from Skimmer: \_\_\_\_\_ gal  
 Amt Removed from Well: \_\_\_\_\_ gal  
 Product Transferred to: \_\_\_\_\_

Start Time (purge): 10:26 Weather Conditions: CLOUDY  
 Sample Time/Date: 10:45 / 12-11-02 Water Color: CLEAR Odor: NO  
 Purging Flow Rate: 2.5 gpm. Sediment Description: \_\_\_\_\_  
 Did well de-water? NO If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (°F)	D.O. (mg/L)	ORP (mV)
<u>10:29</u>	<u>6.5</u>	<u>7.07</u>	<u>87.7</u>	<u>21.2</u>	_____	_____
<u>10:32</u>	<u>13.0</u>	<u>7.13</u>	<u>87.0</u>	<u>21.2</u>	_____	_____
<u>10:35</u>	<u>20.0</u>	<u>7.15</u>	<u>86.4</u>	<u>20.9</u>	_____	_____
_____	_____	_____	_____	_____	_____	_____

**LABORATORY INFORMATION**

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>C-3</u>	<u>3</u> x voa vial	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-G(8015)/BTEX+MTBE(8021)</u>
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

**COMMENTS:** \_\_\_\_\_

Add/Replaced Lock: \_\_\_\_\_

Add/Replaced Plug: \_\_\_\_\_ Size: \_\_\_\_\_



# GETTLER - RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-0076  
 Site Address: 4265 Foothill Blvd.  
 City: Oakland, CA

Job Number: 386495  
 Event Date: 12-11-02 (inclusive)  
 Sampler: FT

Well ID: C-4  
 Well Diameter: 2 / ③ in.  
 Total Depth: 39.30 ft.  
 Depth to Water: 21.97 ft.  
17.33

Date Monitored: 12-11-02 Well Condition: OK!

Volume	3/4" = 0.02	1" = 0.04	2" = 0.17	3" = 0.38
Factor (VF)	4" = 0.66	5" = 1.02	6" = 1.50	12" = 5.80

xVF .38 = 6.58 x3 (case volume) = Estimated Purge Volume: 19.75 gal.

### Purge Equipment:

Disposable Bailer \_\_\_\_\_  
 Stainless Steel Bailer \_\_\_\_\_  
 Stack Pump  \_\_\_\_\_  
 Suction Pump  \_\_\_\_\_  
 Grundfos \_\_\_\_\_  
 Other: \_\_\_\_\_

### Sampling Equipment:

Disposable Bailer  \_\_\_\_\_  
 Pressure Bailer \_\_\_\_\_  
 Discrete Bailer \_\_\_\_\_  
 Other: \_\_\_\_\_

Time Started: \_\_\_\_\_ (2400 hrs)  
 Time Bailed: \_\_\_\_\_ (2400 hrs)  
 Depth to Product: \_\_\_\_\_ ft  
 Depth to Water: \_\_\_\_\_ ft  
 Hydrocarbon Thickness: \_\_\_\_\_ ft  
 Visual Confirmation/Description: \_\_\_\_\_  
 Skimmer / Absorbant Sock (circle one)  
 Amt Removed from Skimmer: \_\_\_\_\_ gal  
 Amt Removed from Well: \_\_\_\_\_ gal  
 Product Transferred to: \_\_\_\_\_

Start Time (purge): 11:33 Weather Conditions: SUNNY / CLOUDY  
 Sample Time/Date: 11:54 / 12-11-02 Water Color: CLEAR Odor: LYS  
 Purging Flow Rate: 2.5 gpm. Sediment Description: \_\_\_\_\_  
 Did well de-water? NO If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (°F)	D.O. (mg/L)	ORP (mV)
<u>11:36</u>	<u>6.5</u>	<u>7.13</u>	<u>110.1</u>	<u>21.2</u>	_____	_____
<u>11:39</u>	<u>13.0</u>	<u>7.12</u>	<u>109.2</u>	<u>21.8</u>	_____	_____
<u>11:42</u>	<u>20.0</u>	<u>7.10</u>	<u>108.3</u>	<u>22.4</u>	_____	_____
_____	_____	_____	_____	_____	_____	_____

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>C-4</u>	<u>3</u> x voa vial	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-G(8015)/BTEX+MTBE(8021)</u>
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

### COMMENTS:

"ORC IN WELL"

Add/Replaced Lock: \_\_\_\_\_

Add/Replaced Plug: \_\_\_\_\_ Size: \_\_\_\_\_



# GETTLER-RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-0076 Job Number: 386495  
 Site Address: 4265 Foothill Blvd. Event Date: 12.11.02 (inclusive)  
 City: Oakland, CA Sampler: FT

Well ID: C-5 Date Monitored: 12.11.02 Well Condition: OK  
 Well Diameter: 2 1/3 in.  
 Total Depth: 43.85 ft.  
 Depth to Water: 21.82 ft.  
N/A xVF = \_\_\_\_\_ x3 (case volume) = Estimated Purge Volume: \_\_\_\_\_ gal.

Volume	3/4" = 0.02	1" = 0.04	2" = 0.17	3" = 0.38
Factor (VF)	4" = 0.66	5" = 1.02	6" = 1.50	12" = 5.80

**Purge Equipment:**  
 Disposable Bailer: \_\_\_\_\_  
 Stainless Steel Bailer: \_\_\_\_\_  
 Stack Pump: \_\_\_\_\_  
 Suction Pump: \_\_\_\_\_  
 Grundfos: \_\_\_\_\_  
 Other: \_\_\_\_\_

**Sampling Equipment:**  
 Disposable Bailer: \_\_\_\_\_  
 Pressure Bailer: \_\_\_\_\_  
 Discrete Bailer: \_\_\_\_\_  
 Other: \_\_\_\_\_

Time Started: \_\_\_\_\_ (2400 hrs)  
 Time Bailed: \_\_\_\_\_ (2400 hrs)  
 Depth to Product: \_\_\_\_\_ ft  
 Depth to Water: \_\_\_\_\_ ft  
 Hydrocarbon Thickness: \_\_\_\_\_ ft  
 Visual Confirmation/Description: \_\_\_\_\_  
 Skimmer / Absorbant Sock (circle one)  
 Amt Removed from Skimmer: \_\_\_\_\_ gal  
 Amt Removed from Well: \_\_\_\_\_ gal  
 Product Transferred to: \_\_\_\_\_

Start Time (purge): \_\_\_\_\_ Weather Conditions: \_\_\_\_\_  
 Sample Time/Date: \_\_\_\_\_ / \_\_\_\_\_ Water Color: \_\_\_\_\_ Odor: \_\_\_\_\_  
 Purging Flow Rate: \_\_\_\_\_ gpm. Sediment Description: \_\_\_\_\_  
 Did well de-water? \_\_\_\_\_ If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (C/F)	D.O. (mg/L)	ORP (mV)
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
C-	x voa vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8021)

COMMENTS: "MONITORED ONLY"  
ANNUAL (3)

Add/Replaced Lock: \_\_\_\_\_ Add/Replaced Plug: \_\_\_\_\_ Size: \_\_\_\_\_



# GETTLER - RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-0076 Job Number: 386495  
 Site Address: 4265 Foothill Blvd. Event Date: 12.11.02 (inclusive)  
 City: Oakland, CA Sampler: FT

Well ID: C-6  
 Well Diameter: 2 1/3 in.  
 Total Depth: 53.69 ft.  
 Depth to Water: 24.18 ft.  
29.51 xVF

Date Monitored: 12.6.02 Well Condition: OK'

Volume	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
Factor (VF)	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

.17 = 5.01 x3 (case volume) = Estimated Purge Volume: 15.05 gal.

### Purge Equipment:

Disposable Bailer \_\_\_\_\_  
 Stainless Steel Bailer \_\_\_\_\_  
 Stack Pump ✓  
 Suction Pump ✓  
 Grundfos \_\_\_\_\_  
 Other: \_\_\_\_\_

### Sampling Equipment:

Disposable Bailer ✓  
 Pressure Bailer \_\_\_\_\_  
 Discrete Bailer \_\_\_\_\_  
 Other: \_\_\_\_\_

Time Started: \_\_\_\_\_ (2400 hrs)  
 Time Bailed: \_\_\_\_\_ (2400 hrs)  
 Depth to Product: \_\_\_\_\_ ft  
 Depth to Water: \_\_\_\_\_ ft  
 Hydrocarbon Thickness: \_\_\_\_\_ ft  
 Visual Confirmation/Description: \_\_\_\_\_  
 Skimmer / Absorbant Sock (circle one)  
 Amt Removed from Skimmer: \_\_\_\_\_ gal  
 Amt Removed from Well: \_\_\_\_\_ gal  
 Product Transferred to: \_\_\_\_\_

Start Time (purge): 11:04 Weather Conditions: SUNNY  
 Sample Time/Date: 11:19 / 12.11.02 Water Color: CLEAR Odor: YES  
 Purging Flow Rate: 2.5 gpm. Sediment Description: \_\_\_\_\_  
 Did well de-water? NO If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (°F)	D.O. (mg/L)	ORP (mV)
<u>11:06</u>	<u>5.0</u>	<u>7.13</u>	<u>97.2</u>	<u>20.3</u>	_____	_____
<u>11:08</u>	<u>10.0</u>	<u>7.07</u>	<u>96.5</u>	<u>20.5</u>	_____	_____
<u>11:10</u>	<u>15.0</u>	<u>7.05</u>	<u>95.6</u>	<u>20.7</u>	_____	_____
_____	_____	_____	_____	_____	_____	_____

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>C-6</u>	<u>3</u> x voa vial	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-G(8015)/BTEX+MTBE(8021)</u>
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

### COMMENTS:

"OIL IN WELL"

Add/Replaced Lock: \_\_\_\_\_

Add/Replaced Plug: \_\_\_\_\_ Size: \_\_\_\_\_



# GETTLER-RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-0076 Job Number: 386495  
 Site Address: 4265 Foothill Blvd. Event Date: 12-11-02 (inclusive)  
 City: Oakland, CA Sampler: FT

Well ID: C-7 Date Monitored: 12-11-02 Well Condition: OK'  
 Well Diameter: 2 1/3 in.  
 Total Depth: 50.88 ft.  
 Depth to Water: 30.75 ft.  
20.13 xVF .17 = 3.42 x3 (case volume) = Estimated Purge Volume: 10.26 gal.

Volume	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
Factor (VF)	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

### Purge Equipment:

Disposable Bailer \_\_\_\_\_  
 Stainless Steel Bailer \_\_\_\_\_  
 Stack Pump ✓  
 Suction Pump ✓  
 Grundfos \_\_\_\_\_  
 Other: \_\_\_\_\_

### Sampling Equipment:

Disposable Bailer ✓  
 Pressure Bailer \_\_\_\_\_  
 Discrete Bailer \_\_\_\_\_  
 Other: \_\_\_\_\_

Time Started: \_\_\_\_\_ (2400 hrs)  
 Time Bailed: \_\_\_\_\_ (2400 hrs)  
 Depth to Product: \_\_\_\_\_ ft  
 Depth to Water: \_\_\_\_\_ ft  
 Hydrocarbon Thickness: \_\_\_\_\_ ft  
 Visual Confirmation/Description: \_\_\_\_\_  
 Skimmer / Absorbant Sock (circle one)  
 Amt Removed from Skimmer: \_\_\_\_\_ gal  
 Amt Removed from Well: \_\_\_\_\_ gal  
 Product Transferred to: \_\_\_\_\_

Start Time (purge): 12:40 Weather Conditions: SUNNY  
 Sample Time/Date: 12:59 / 12-11-02 Water Color: CLEAR Odor: YES / STRONG  
 Purging Flow Rate: 2.0 gpm. Sediment Description: \_\_\_\_\_  
 Did well de-water? NO If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (°F)	D.O. (mg/L)	ORP (mV)
<u>12:42</u>	<u>3.5</u>	<u>7.07</u>	<u>94.7</u>	<u>21.1</u>	_____	_____
<u>12:44</u>	<u>7.0</u>	<u>7.09</u>	<u>89.2</u>	<u>21.8</u>	_____	_____
<u>12:48</u>	<u>10.0</u>	<u>7.14</u>	<u>84.5</u>	<u>22.6</u>	_____	_____
_____	_____	_____	_____	_____	_____	_____

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>C-7</u>	<u>3</u> x voa vial	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-G(8015)/BTEX+MTBE(8021)</u>
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

### COMMENTS:

Add/Replaced Lock: \_\_\_\_\_

Add/Replaced Plug: \_\_\_\_\_ Size: \_\_\_\_\_





# GETTLER-RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-0076  
 Site Address: 4265 Foothill Blvd.  
 City: Oakland, CA

Job Number: 386495  
 Event Date: 12-11-02 (inclusive)  
 Sampler: FT

Well ID: C-8  
 Well Diameter: 2 1/3 in.  
 Total Depth: 56.14 ft.  
 Depth to Water: 27.31 ft.

Date Monitored: 12-11-02 Well Condition: OK

Volume	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
Factor (VF)	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

NA xVF = \_\_\_\_\_ x3 (case volume) = Estimated Purge Volume: \_\_\_\_\_ gal.

### Purge Equipment:

Disposable Bailer \_\_\_\_\_  
 Stainless Steel Bailer \_\_\_\_\_  
 Stack Pump \_\_\_\_\_  
 Suction Pump \_\_\_\_\_  
 Grundfos \_\_\_\_\_  
 Other: \_\_\_\_\_

### Sampling Equipment:

Disposable Bailer \_\_\_\_\_  
 Pressure Bailer \_\_\_\_\_  
 Discrete Bailer \_\_\_\_\_  
 Other: \_\_\_\_\_

Time Started: \_\_\_\_\_ (2400 hrs)  
 Time Bailed: \_\_\_\_\_ (2400 hrs)  
 Depth to Product: \_\_\_\_\_ ft  
 Depth to Water: \_\_\_\_\_ ft  
 Hydrocarbon Thickness: \_\_\_\_\_ ft  
 Visual Confirmation/Description: \_\_\_\_\_  
 Skimmer / Absorbant Sock (circle one)  
 Amt Removed from Skimmer: \_\_\_\_\_ gal  
 Amt Removed from Well: \_\_\_\_\_ gal  
 Product Transferred to: \_\_\_\_\_

Start Time (purge): \_\_\_\_\_ Weather Conditions: \_\_\_\_\_  
 Sample Time/Date: \_\_\_\_\_ / \_\_\_\_\_ Water Color: \_\_\_\_\_ Odor: \_\_\_\_\_  
 Purging Flow Rate: \_\_\_\_\_ gpm. Sediment Description: \_\_\_\_\_  
 Did well de-water? \_\_\_\_\_ If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (C/F)	D.O. (mg/L)	ORP (mV)
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
C-	x voa vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8021)

COMMENTS: "MONITORED ONLY"  
ANNUAL (3)

Add/Replaced Lock: \_\_\_\_\_

Add/Replaced Plug: \_\_\_\_\_ Size: \_\_\_\_\_



# GETTLER-RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-0076 Job Number: 386495  
 Site Address: 4265 Foothill Blvd. Event Date: 12.11.02 (inclusive)  
 City: Oakland, CA Sampler: FT

Well ID: C-9 Date Monitored: 12.11.02 Well Condition: OK'  
 Well Diameter: 2 1/3 in.  
 Total Depth: 45.25 ft.  
 Depth to Water: 27.07 ft.  
NA xVF \_\_\_\_\_ = \_\_\_\_\_ x3 (case volume) = Estimated Purge Volume: \_\_\_\_\_ gal.

Volume	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
Factor (VF)	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

**Purge Equipment:**  
 Disposable Bailer: \_\_\_\_\_  
 Stainless Steel Bailer: \_\_\_\_\_  
 Stack Pump: \_\_\_\_\_  
 Suction Pump: \_\_\_\_\_  
 Grundfos: \_\_\_\_\_  
 Other: \_\_\_\_\_

**Sampling Equipment:**  
 Disposable Bailer: \_\_\_\_\_  
 Pressure Bailer: \_\_\_\_\_  
 Discrete Bailer: \_\_\_\_\_  
 Other: \_\_\_\_\_

Time Started: \_\_\_\_\_ (2400 hrs)  
 Time Bailed: \_\_\_\_\_ (2400 hrs)  
 Depth to Product: \_\_\_\_\_ ft  
 Depth to Water: \_\_\_\_\_ ft  
 Hydrocarbon Thickness: \_\_\_\_\_ ft  
 Visual Confirmation/Description: \_\_\_\_\_  
 Skimmer / Absorbant Sock (circle one)  
 Amt Removed from Skimmer: \_\_\_\_\_ gal  
 Amt Removed from Well: \_\_\_\_\_ gal  
 Product Transferred to: \_\_\_\_\_

Start Time (purge): \_\_\_\_\_ Weather Conditions: \_\_\_\_\_  
 Sample Time/Date: \_\_\_\_\_ / \_\_\_\_\_ Water Color: \_\_\_\_\_ Odor: \_\_\_\_\_  
 Purging Flow Rate: \_\_\_\_\_ gpm. Sediment Description: \_\_\_\_\_  
 Did well de-water? \_\_\_\_\_ If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (C/F)	D.O. (mg/L)	ORP (mV)
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
C-	x voa vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8021)

COMMENTS: "MONITORED ONLY"  
ANNUAL (3)

Add/Replaced Lock: \_\_\_\_\_ Add/Replaced Plug: \_\_\_\_\_ Size: \_\_\_\_\_

# Chevron California Region Analysis Request/Chain of Custody



For Lancaster Laboratories use only  
 Acct. #: 10905 Sample #: 39629963002 SCR#: 834904

121302-009

Facility #: 9-0076 Job# 386495 Global ID# T0600100339  
 Site Address: 4265 Foothill Blvd., Oakland, CA  
 Chevron PM: Karen Streich Lead Consultant: Delta/G-R  
 Consultant/Office: G-R Inc, 6747 Sierra Ct, Dublin, CA 94568  
 Consultant Prj. Mgr.: Deanna L. Harding Deanna@grinc.com  
 Consultant Phone #: 925-551-7555 Fax #: 925-551-7899  
 Sampler: FRANK TERRINONI  
 Service Order #: \_\_\_\_\_  Non SAR: \_\_\_\_\_

Matrix		Analyses Requested										
Potable	NPDES	Preservation Codes										
<input type="checkbox"/>	<input type="checkbox"/>											
<input type="checkbox"/>	<input type="checkbox"/>	Soil	Water	Oil	Air	Total Number of Containers	BTEX + MTBE 8260 <input type="checkbox"/> 8021	TPH 8015 MOD GRO	TPH 8015 MOD DRO	8260 full scan	Oxygenates	Lead 7420 <input type="checkbox"/> 7421 <input type="checkbox"/>
							H H					

**Preservative Codes**  
 H = HCl      T = Thiosulfate  
 N = HNO<sub>3</sub>    B = NaOH  
 S = H<sub>2</sub>SO<sub>4</sub>   O = Other

J value reporting needed  
 Must meet lowest detection limits possible for 8260 compounds

8021 MTBE Confirmation  
 Confirm highest hit by 8260  
 Confirm all hits by 8260  
 Run \_\_\_ oxy s on highest hit  
 Run \_\_\_ oxy s on all hits

Sample Identification	Date Collected	Time Collected	Grab	Composite	Soil	Water	Oil	Air	Total Number of Containers	BTEX + MTBE 8260	TPH 8015 MOD GRO	TPH 8015 MOD DRO	8260 full scan	Oxygenates	Lead 7420	7421
QA	12-11-02				W				2	X	X					
C-1	↓	1224		X					3	X	X					
C-2	↓	1331		X					3	X	X					
C-3	↓	1045		X					3	X	X					
C-4	↓	1154		X					3	X	X					
C-6	↓	1119		X					3	X	X					
C-7	↓	1259		X					3	X	X					

**Comments / Remarks**

**Turnaround Time Requested (TAT) (please circle)**

**STD. TAT**      72 hour      48 hour  
 24 hour      4 day      5 day

**Data Package Options (please circle if required)**

QC Summary      Type I — Full  
 Type VI (Raw Data)       Coelt Deliverable not needed  
 WIP (RWQCB)  
 Disk

Relinquished by: Frank Terinoni      Date: 12-11-02      Time: \_\_\_\_\_  
 Relinquished by: [Signature]      Date: 12/13/02      Time: 1300  
 Relinquished by: [Signature]      Date: 12-13-02      Time: 1500  
 Relinquished by Commercial Carrier:  
 UPS      FedEx      Other: Airborne  
 Temperature Upon Receipt: 36 °C

Received by: [Signature]      Date: 12/13/02      Time: 1131  
 Received by: [Signature]      Date: 12-13-02      Time: 1300  
 Received by: Airborne      Date: 12-13-02  
 Received by: [Signature]      Date: 12/17/02      Time: MW  
 Custody Seals Intact?       Yes       No



## ANALYTICAL RESULTS

Prepared for:

ChevronTexaco  
6001 Bollinger Canyon Rd L4310  
San Ramon CA 94583

925-842-8582

Prepared by:

Lancaster Laboratories  
2425 New Holland Pike  
Lancaster, PA 17605-2425

### SAMPLE GROUP

The sample group for this submittal is 834904. Samples arrived at the laboratory on Tuesday, December 17, 2002. The PO# for this group is 99011184 and the release number is STREICH.

<u>Client Description</u>		<u>Lancaster Labs Number</u>
QA-T-021211	NA Water	3962996
C-1-W-021211	Grab Water	3962997
C-2-W-021211	Grab Water	3962998
C-3-W-021211	Grab Water	3962999
C-4-W-021211	Grab Water	3963000
C-6-W-021211	Grab Water	3963001
C-7-W-021211	Grab Water	3963002

1 COPY TO Delta C/O Gettler-Ryan

Attn: Deanna L. Harding

Questions? Contact your Client Services Representative  
Teresa L Cunningham at (717) 656-2300.

Respectfully Submitted,

  
Steven A. Skiles  
Sr. Chemist



Lancaster Laboratories, Inc.  
2425 New Holland Pike  
PO Box 12425  
Lancaster, PA 17605-2425  
717-656-2300 Fax: 717-656-2681



Lancaster Laboratories Sample No. WW 3962996

Collected: 12/11/2002 00:00

Account Number: 10905

Submitted: 12/17/2002 10:10  
 Reported: 01/03/2003 at 09:20  
 Discard: 02/03/2003

ChevronTexaco  
 6001 Bollinger Canyon Rd L4310  
 San Ramon CA 94583

QA-T-021211 NA Water  
 Facility# 90076 Job# 386495 GRD  
 4265 Foothill-Oakland T0600100339 QA

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01729	TPH-GRO - Waters					
01730	TPH-GRO - Waters	n.a.	N.D.	50.	ug/l	1
The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.						
08214	BTEX, MTBE (8021)					
00776	Benzene	71-43-2	N.D.	0.50	ug/l	1
00777	Toluene	108-88-3	N.D.	0.50	ug/l	1
00778	Ethylbenzene	100-41-4	N.D.	0.50	ug/l	1
00779	Total Xylenes	1330-20-7	N.D.	1.5	ug/l	1
00780	Methyl tert-Butyl Ether	1634-04-4	N.D.	2.5	ug/l	1
A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.						

State of California Lab Certification No. 2116

### Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis		Analyst	Dilution Factor
				Date and Time			
01729	TPH-GRO - Waters	CA LUFT Gasoline Method	1	12/18/2002 21:46		Melissa D Mann	1
08214	BTEX, MTBE (8021)	SW-846 8021B	1	12/18/2002 21:46		Melissa D Mann	1
01146	GC VOA Water Prep	SW-846 5030B	1	12/18/2002 21:46		Melissa D Mann	n.a.

#=Laboratory Method Detection Limit exceeded target detection limit  
 N.D.=Not detected at or above the Reporting Limit.



Lancaster Laboratories, Inc.  
 2425 New Holland Pike  
 PO Box 12425  
 Lancaster, PA 17605-2425  
 717-656-2200 Fax: 717-656-2681



Lancaster Laboratories Sample No. WW 3962997

Collected: 12/11/2002 12:24 by FT

Account Number: 10905

Submitted: 12/17/2002 10:10

Reported: 01/03/2003 at 09:20

Discard: 02/03/2003

ChevronTexaco

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

C-1-W-021211 Grab Water GRD  
 Facility# 90076 Job# 386495  
 4265 Foothill-Oakland T0600100339 C-1

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01729	TPH-GRO - Waters					
01730	TPH-GRO - Waters	n.a.	180.	50.	ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.					
08214	BTEX, MTBE (8021)					
00776	Benzene	71-43-2	4.2	0.50	ug/l	1
00777	Toluene	108-88-3	N.D.	0.50	ug/l	1
00778	Ethylbenzene	100-41-4	1.1	0.50	ug/l	1
00779	Total Xylenes	1330-20-7	N.D.	1.5	ug/l	1
00780	Methyl tert-Butyl Ether	1634-04-4	350.	2.5	ug/l	1
	A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.					

State of California Lab Certification No. 2116

### Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
01729	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	12/18/2002 22:19	Melissa D Mann	1
08214	BTEX, MTBE (8021)	SW-846 8021B	1	12/18/2002 22:19	Melissa D Mann	1
01146	GC VOA Water Prep	SW-846 5030B	1	12/18/2002 22:19	Melissa D Mann	n.a.

#=Laboratory Method Detection Limit exceeded target detection limit

N.D.=Not detected at or above the Reporting Limit.



Lancaster Laboratories, Inc.  
 2425 New Holland Pike  
 PO Box 12425  
 Lancaster, PA 17605-2425



Lancaster Laboratories Sample No. WW 3962998

Collected: 12/11/2002 13:31 by FT

Account Number: 10905

Submitted: 12/17/2002 10:10

ChevronTexaco

Reported: 01/03/2003 at 09:20

6001 Bollinger Canyon Rd L4310

Discard: 02/03/2003

San Ramon CA 94583

C-2-W-021211

Grab Water

Facility# 90076 Job# 386495

GRD

4265 Foothill-Oakland T0600100339 C-2

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01729	TPH-GRO - Waters					
01730	TPH-GRO - Waters	n.a.	8,700.	250.	ug/l	5
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
	A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.					
08214	BTEX, MTBE (8021)					
00776	Benzene	71-43-2	1,300.	1.0	ug/l	5
00777	Toluene	108-88-3	24.	1.0	ug/l	5
00778	Ethylbenzene	100-41-4	100.	1.0	ug/l	5
00779	Total Xylenes	1330-20-7	250.	3.0	ug/l	5
00780	Methyl tert-Butyl Ether	1634-04-4	1,900.	2.5	ug/l	5
	A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.					

State of California Lab Certification No. 2116

### Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis		Analyst	Dilution Factor
				Date and Time			
01729	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	12/18/2002 22:52		Melissa D Mann	5
08214	BTEX, MTBE (8021)	SW-846 8021B	1	12/18/2002 22:52		Melissa D Mann	5
01146	GC VOA Water Prep	SW-846 5030B	1	12/18/2002 22:52		Melissa D Mann	n.a.

#=Laboratory Method Detection Limit exceeded target detection limit

N.D.=Not detected at or above the Reporting Limit.



Lancaster Laboratories, Inc.  
 2425 New Holland Pike  
 PO Box 12425  
 Lancaster, PA 17605-2425  
 717.655.2200 Fax: 717.655.2501



Lancaster Laboratories Sample No. WW 3962999

Collected: 12/11/2002 10:45 by FT

Account Number: 10905

Submitted: 12/17/2002 10:10  
 Reported: 01/03/2003 at 09:20  
 Discard: 02/03/2003

ChevronTexaco  
 6001 Bollinger Canyon Rd L4310  
 San Ramon CA 94583

C-3-W-021211 Grab Water  
 Facility# 90076 Job# 386495 GRD  
 4265 Foothill-Oakland T0600100339 C-3

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01729	TPH-GRO - Waters					
01730	TPH-GRO - Waters	n.a.	79.	50.	ug/l	1
The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.						
08214	BTEX, MTBE (8021)					
00776	Benzene	71-43-2	1.5	0.50	ug/l	1
00777	Toluene	108-88-3	N.D.	0.50	ug/l	1
00778	Ethylbenzene	100-41-4	N.D.	0.50	ug/l	1
00779	Total Xylenes	1330-20-7	N.D.	1.5	ug/l	1
00780	Methyl tert-Butyl Ether	1634-04-4	96.	2.5	ug/l	1
A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.						

State of California Lab Certification No. 2116

### Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01729	TPH-GRO - Waters	N. CA LUFT Gasoline	1	12/18/2002 23:26	Melissa D Mann	1
08214	BTEX, MTBE (8021)	SW-846 8021B	1	12/18/2002 23:26	Melissa D Mann	1
01146	GC VOA Water Prep	SW-846 5030B	1	12/18/2002 23:26	Melissa D Mann	n.a.

#=Laboratory Method Detection Limit exceeded target detection limit  
 N.D.=Not detected at or above the Reporting Limit.



2425 New Holland Pike  
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 717-656-2300 Fax: 717-656-2681



# Analysis Report



Lancaster Laboratories Sample No. WW 3963000

Collected: 12/11/2002 11:54 by FT Account Number: 10905

Submitted: 12/17/2002 10:10 ChevronTexaco  
 Reported: 01/03/2003 at 09:20 6001 Bollinger Canyon Rd L4310  
 Discard: 02/03/2003 San Ramon CA 94583

C-4-W-021211 Grab Water  
 Facility# 90076 Job# 386495 GRD  
 4265 Foothill-Oakland T0600100339 C-4

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01729	TPH-GRO - Waters					
01730	TPH-GRO - Waters	n.a.	N.D.	50.	ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
08214	BTEX, MTBE (8021)					
00776	Benzene	71-43-2	0.74	0.50	ug/l	1
00777	Toluene	108-88-3	N.D.	0.50	ug/l	1
00778	Ethylbenzene	100-41-4	N.D.	0.50	ug/l	1
00779	Total Xylenes	1330-20-7	N.D.	1.5	ug/l	1
00780	Methyl tert-Butyl Ether	1634-04-4	9.3	2.5	ug/l	1

State of California Lab Certification No. 2116

### Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01729	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	12/19/2002 22:48	Martha L Seidel	1
08214	BTEX, MTBE (8021)	SW-846 8021B	1	12/19/2002 22:48	Martha L Seidel	1
01146	GC VOA Water Prep	SW-846 5030B	1	12/19/2002 22:48	Martha L Seidel	n.a.

#=Laboratory Method Detection Limit exceeded target detection limit

N.D.=Not detected at or above the Reporting Limit.



Lancaster Laboratories, Inc.  
 2425 New Holland Pike  
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Lancaster Laboratories Sample No. WW 3963001

Collected: 12/11/2002 11:19 by FT

Account Number: 10905

Submitted: 12/17/2002 10:10

Reported: 01/03/2003 at 09:20

Discard: 02/03/2003

ChevronTexaco

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

C-6-W-021211 Grab Water  
 Facility# 90076 Job# 386495 GRD  
 4265 Foothill-Oakland T0600100339 C-6

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01729	TPH-GRO - Waters					
01730	TPH-GRO - Waters	n.a.	430.	50.	ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
08214	BTEX, MTBE (8021)					
00776	Benzene	71-43-2	17.	0.50	ug/l	1
00777	Toluene	108-88-3	N.D.	0.50	ug/l	1
00778	Ethylbenzene	100-41-4	N.D.	0.50	ug/l	1
00779	Total Xylenes	1330-20-7	N.D.	1.5	ug/l	1
00780	Methyl tert-Butyl Ether	1634-04-4	100.	2.5	ug/l	1

State of California Lab Certification No. 2116

### Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01729	TPH-GRO - Waters	N. CA LUFT Gasoline	1	12/20/2002 02:43	Martha L Seidel	1
08214	BTEX, MTBE (8021)	SW-846 8021B	1	12/20/2002 02:43	Martha L Seidel	1
01146	GC VOA Water Prep	SW-846 5030B	1	12/20/2002 02:43	Martha L Seidel	n.a.

#=Laboratory Method Detection Limit exceeded target detection limit  
 N.D.=Not detected at or above the Reporting Limit.



2425 New Holland Pike  
 PO Box 12425  
 Lancaster, PA 17605-2425  
 717-656-2300 Fax: 717-656-2681



Lancaster Laboratories Sample No. WW 3963002

Collected: 12/11/2002 12:59 by FT

Account Number: 10905

Submitted: 12/17/2002 10:10

ChevronTexaco

Reported: 01/03/2003 at 09:21

6001 Bollinger Canyon Rd L4310

Discard: 02/03/2003

San Ramon CA 94583

C-7-W-021211                      Grab                      Water  
 Facility# 90076      Job# 386495                      GRD  
 4265 Foothill-Oakland                      T0600100339      C-7

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01729	TPH-GRO - Waters					
01730	TPH-GRO - Waters	n.a.	6,000.	250.	ug/l	5
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
08214	BTEX, MTBE (8021)					
00776	Benzene	71-43-2	1,100.	1.0	ug/l	5
00777	Toluene	108-88-3	9.3	1.0	ug/l	5
00778	Ethylbenzene	100-41-4	190.	1.0	ug/l	5
00779	Total Xylenes	1330-20-7	190.	3.0	ug/l	5
00780	Methyl tert-Butyl Ether	1634-04-4	N.D. #	10.	ug/l	5
	Due to the presence of an interferent near its retention time, the normal reporting limit was not attained for the compound listed below. The presence or concentration of this compound cannot be determined due to the presence of this interferent.					
	MTBE					

State of California Lab Certification No. 2116

### Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis		Analyst	Dilution Factor
				Date and Time			
01729	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	12/20/2002	04:24	Martha L Seidel	5
08214	BTEX, MTBE (8021)	SW-846 8021B	1	12/20/2002	04:24	Martha L Seidel	5
01146	GC VOA Water Prep	SW-846 5030B	1	12/20/2002	04:24	Martha L Seidel	n.a.

#=Laboratory Method Detection Limit exceeded target detection limit

N.D.=Not detected at or above the Reporting Limit.



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 Lancaster, PA 17605-2425  
 717-656-2300 Fax: 717-656-2681



## Quality Control Summary

Client Name: ChevronTexaco  
 Reported: 01/03/03 at 09:21 AM

Group Number: 834904

### Laboratory Compliance Quality Control

<u>Analysis Name</u>	<u>Blank Result</u>	<u>Blank MDL</u>	<u>Report Units</u>	<u>LCS %REC</u>	<u>LCS D %REC</u>	<u>LCS/LCSD Limits</u>	<u>RPD</u>	<u>RPD Max</u>
Batch number: 02352A53A      Sample number(s): 3962996-3962999								
Benzene	N.D.	.2	ug/l	99	99	80-118	1	30
Toluene	N.D.	.2	ug/l	106	108	82-119	1	30
Ethylbenzene	N.D.	.2	ug/l	103	104	81-119	1	30
Total Xylenes	N.D.	.6	ug/l	102	103	82-120	1	30
Methyl tert-Butyl Ether	N.D.	.3	ug/l	96	92	79-127	3	30
TPH-GRO - Waters	N.D.	50.	ug/l	100	95	74-116	5	30
Batch number: 02353A16A      Sample number(s): 3963000-3963002								
Benzene	N.D.	.2	ug/l	99	98	80-118	2	30
Toluene	N.D.	.2	ug/l	94	93	82-119	1	30
Ethylbenzene	N.D.	.2	ug/l	93	91	81-119	2	30
Total Xylenes	N.D.	.6	ug/l	95	93	82-120	2	30
Methyl tert-Butyl Ether	N.D.	.3	ug/l	93	93	79-127	1	30
TPH-GRO - Waters	N.D.	50.	ug/l	86	87	74-116	1	30

### Sample Matrix Quality Control

<u>Analysis Name</u>	<u>MS %REC</u>	<u>MSD %REC</u>	<u>MS/MSD Limits</u>	<u>RPD</u>	<u>BKG MAX</u>	<u>DUP Conc</u>	<u>DUP RPD</u>	<u>Dup RPD Max</u>
Batch number: 02352A53A      Sample number(s): 3962996-3962999								
Benzene	93		83-130					
Toluene	101		87-129					
Ethylbenzene	98		86-133					
Total Xylenes	96		86-132					
Methyl tert-Butyl Ether	86		66-140					
TPH-GRO - Waters	113		74-132					
Batch number: 02353A16A      Sample number(s): 3963000-3963002								
Benzene	100	100	83-130	1	30			
Toluene	95	95	87-129	1	30			
Ethylbenzene	93	92	86-133	1	30			
Total Xylenes	95	94	86-132	1	30			
Methyl tert-Butyl Ether	93	93	66-140	0	30			
TPH-GRO - Waters	114	117	74-132	2	30			

### Surrogate Quality Control

\*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The background result was more than four times the spike added.





## Quality Control Summary

Client Name: ChevronTexaco  
Reported: 01/03/03 at 09:21 AM

Group Number: 834904

### Surrogate Quality Control

Analysis Name: BTEX, MTBE (8021)  
Batch number: 02352A53A

	Trifluorotoluene-F	Trifluorotoluene-P
3962996	111	97
3962997	102	96
3962998	120	104
3962999	101	93
Blank	103	94
LCS	102	99
LCSD	102	96
MS	103	94
Limits:	57-146	71-130

Analysis Name: BTEX, MTBE (8021)  
Batch number: 02353A16A

	Trifluorotoluene-F	Trifluorotoluene-P
3963000	108	106
3963001	127	115
3963002	122	110
Blank	106	106
LCS	112	105
LCSD	110	106
MS	114	106
MSD	116	105
Limits:	57-146	71-130

\*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The background result was more than four times the spike added.

