

120-350



# GETTLER-RYAN INC.

## TRANSMITTAL

EC

August 22, 2003  
G-R #386539

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

CC: Mr. Robert Foss  
Cambria Environmental, Inc.  
5900 Hollis Street, Suite A  
Emeryville, CA 94608

Alameda County  
SEP 09 2003  
Environmental Health

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

RE: **Chevron Service Station**  
**#9-5607**  
**5269 Crow Canyon Road**  
**Castro Valley, California**

WE HAVE ENCLOSED THE FOLLOWING:

COPIES	DATED	DESCRIPTION
1	August 20, 2003	Groundwater Monitoring and Sampling Report Third Quarter - Event of July 18, 2003

COMMENTS:

Please provide any comments/changes and propose any groundwater monitoring modifications for the next event prior to, **September 4, 2003**, at which time the final report will be distributed to the following:

- cc: Mr. Amir Gholami, Alameda County Health Care Services, Dept. of Environmental Health, 1131 Harbor Bay Parkway, Suite 250, Alameda, CA 94502-6577
- Mr. Chuck Headlee, RWQCB - San Francisco Bay Region, 1515 Clay Street, Suite 1400, Oakland, CA 94612
- Mr. Kevin Hinckley, 5269 Crow Canyon Road, Castro Valley, CA 94546
- Ms. Diane Riggs, Forest Creek Townhomes Assoc., c/o Walsh Property Management, P.O. Box 2657, Castro Valley, 94541
- Mr. Tim Utterback, Weiss Associates, 5801 Christy Avenue, Suite 600, Emeryville, CA 94608

Enclosures

trans/9-5607-ks



# GETTLER-RYAN INC.

August 20, 2003  
G-R Job #386539

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

**RE: Third Quarter Event of July 18, 2003**  
Groundwater Monitoring & Sampling Report  
Chevron Service Station #9-5607  
5269 Crow Canyon Road  
Castro Valley, 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).

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.

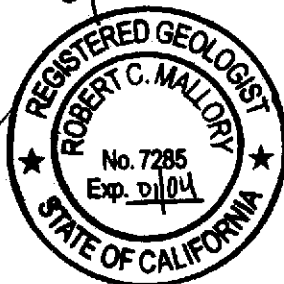
Groundwater samples were collected from the monitoring wells and submitted to a state certified laboratory for analyses. The field data sheets for this event are attached. Analytical results are presented in the table(s) listed below. The chain of custody document and laboratory analytical report are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

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

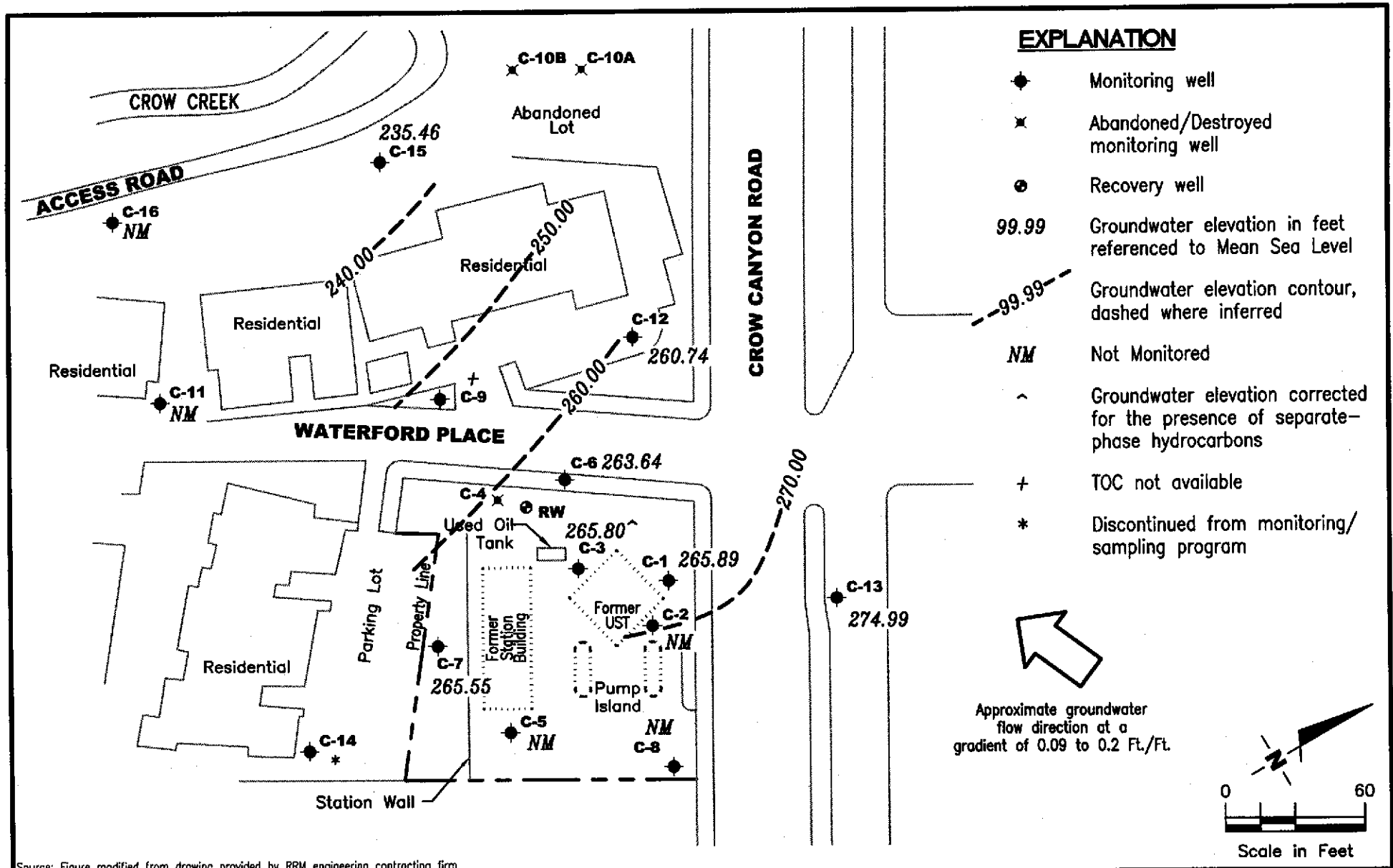
Sincerely,

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: Groundwater Analytical Results - Oxygenate Compounds
- Attachments: Standard Operating Procedure - Groundwater Sampling  
Field Data Sheets  
Chain of Custody Document and Laboratory Analytical Reports



Source: Figure modified from drawing provided by RRM engineering contracting firm.



**GETTLER - RYAN INC.**

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

**POTENTIOMETRIC MAP**

Chevron Service Station #9-5607  
5269 Crow Canyon Road  
Castro Valley, California

FIGURE

1

PROJECT NUMBER  
386539

REVIEWED BY

DATE  
July 18, 2003

REVISED DATE

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-5607  
5269 Crow Canyon Road  
Castro Valley, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPHT		B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
					Removed (gallons)	TPH-G (ppb)					
<b>C-1</b>											
03/26/85	283.46	260.63	22.83	--	--	--	--	--	--	--	--
07/03/86	283.46	259.88	23.58	--	--	--	--	--	--	--	--
03/26/87	283.46	262.96	20.50	--	--	--	--	--	--	--	--
03/28/88	283.46	257.46	26.00	--	--	--	--	--	--	--	--
03/10/89	283.46	267.60	15.86	--	--	--	--	--	--	--	--
04/03/89	283.46	266.61	16.85	--	--	--	--	--	--	--	--
05/08/89	283.46	260.78	22.68	--	--	--	--	--	--	--	--
06/05/89	283.46	258.80	24.66	--	--	--	--	--	--	--	--
07/12/90	283.46	257.90	25.56	--	--	--	--	--	--	--	--
08/10/90	283.46	257.57	25.89	--	--	--	--	--	--	--	--
09/13/89	283.46	256.91	26.55	--	--	22,000	3,600	1,100	1,000	3,500	--
10/04/89	283.46	258.22	25.24	--	--	--	--	--	--	--	--
11/03/89	283.46	258.43	25.03	--	--	--	--	--	--	--	--
12/04/89	283.46	257.09	26.37	--	--	13,000	2,000	550	610	1,600	--
03/07/90	283.46	260.98	22.48	--	--	--	--	--	--	--	--
03/09/90	283.46	--	--	--	--	--	--	--	--	--	--
06/12/90	283.46	259.11	24.35	--	--	21,000	3,500	1,400	840	4,000	--
09/20/90	283.46	257.19	26.27	--	--	23,000	2,100	1,200	860	5,000	--
12/20/90	283.46	260.87	22.59	--	--	8,200	760	410	260	1,100	--
03/27/91	283.46	264.38	19.08	--	--	--	--	--	--	--	--
06/18/91	283.46	256.35	27.11	--	--	--	--	--	--	--	--
09/12/91	283.46	255.24	28.22	--	--	--	--	--	--	--	--
01/23/92	283.46	256.81	26.65	--	--	--	--	--	--	--	--
04/13/92	283.46	261.30	22.16	--	--	38,000	3,100	1,300	850	3,100	--
08/03/92	283.46	257.31	26.15	--	--	13,000	3,100	1,300	850	3,100	--
10/22/92	283.46	256.67	26.79	--	--	24,000	3,500	1,400	1,500	4,300	--
01/18/93	283.46	264.86	18.60	--	--	370,000	6,900	8,900	3,100	23,000	--
04/19/93	283.46	262.34	21.12	--	--	51,000	8,000	7,000	1,400	10,000	--
07/21-22/93	283.46	260.18	23.28	--	--	22,000	3,400	1,000	990	3,100	--
10/25/93	283.46	258.80	24.66	--	--	14,000	2,000	550	790	2,300	--
01/21/94	283.46	262.99	20.47	--	--	1,100	350	6.0	3.0	15	--

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-5607  
5269 Crow Canyon Road  
Castro Valley, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPHT							
					Removed (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	
<b>C-1 (cont)</b>												
04/18/94	283.46	260.36	23.10	--	--	24,000	3,200	1,000	1,000	3,100	--	
07/06-07/94	283.46	260.56	22.90	--	--	65,000	6,500	4,200	1,600	9,300	--	
10/07/94	283.46	258.75	24.71	--	--	27,000	5,100	1,200	1,400	4,300	--	
01/11/95	283.46	265.16	18.30	--	--	29,000	1,300	1,200	930	4,000	--	
04/24/95	283.46	266.52	16.94	--	--	75,000	8,900	5,000	1,700	8,400	--	
07/31/95	283.46	262.90	20.56	--	--	56,000	11,000	2,600	2,500	11,000	--	
10/02/95	283.46	272.88	10.58	--	--	44,000	7,900	1,100	2,100	6,500	--	
01/16/96	283.46	261.71	21.75	--	--	29,000	5,300	460	1,000	2,800	<500	
04/18/96	283.46	264.51	18.95	--	--	59,000	7,100	3,000	2,000	7,600	<250	
07/22/96	283.46	262.46	21.00	--	--	26,000	6,100	610	1,800	4,700	<250	
10/10/96	283.46	261.46	22.00	--	--	24,000	7,100	600	1,700	3,200	<250	
01/09/97	283.46	268.05	15.41	--	--	32,000	4,600	820	1,500	4,000	670	
04/15/97	283.46	264.12	19.34	--	--	100,000	11,000	4,500	3,200	13,000	1,700/<200 <sup>1</sup>	
07/08/97	283.46	263.68	19.78	--	--	42,000	5,500	880	2,000	4,800	920	
10/22/97	283.46	265.13	18.33	--	--	29,000	5,200	970	1,800	4,200	740	
01/12/98	283.46	271.81	11.65	--	--	31,000	2,700	960	2,100	5,700	<1000	
04/21/98	283.46	271.17	12.29	--	--	60,000	3,300	2,100	3,100	10,000	1,400	
07/08/98	283.46	264.89	18.57	--	--	33,000	4,400	1,500	2,800	8,200	<250	
10/13/98	283.46	262.11	21.35	--	--	27,000	3,900	580	2,000	4,200	210	
01/27/99	283.46	262.91	20.55	--	--	1,220	126	21.9	1.6	163	10.3	
04/27/99	283.46	265.81	17.65	--	--	21,300	1,720	226	1,230	2,060	<500	
07/23/99	283.46	264.00	19.46	--	--	17,200	1,440	257	1,070	1,960	<500	
11/01/99	283.46	264.53	18.93	--	--	45,700	4,020	1,280	2,690	8,140	1,250	
01/20/00	283.46	262.62	20.84	--	--	18,000	2,110	354	1,340	2,330	<500	
04/28-29/00	283.46	265.61	17.85	0.00	--	8,300 <sup>3</sup>	1,300	470	370	1,300	<130	
07/21/00	283.46	264.57	18.89	0.00	--	18,000 <sup>3</sup>	3,100	1,200	1,600	5,700	1,100	
10/09-10/00	283.46	263.38	20.08	0.00	--	31,800 <sup>5</sup>	3,280	<50.0	2,230	6,800	<250	
01/08-09/01	283.46	262.95	20.51	0.00	--	43,700 <sup>5</sup>	3,160	1,250	2,580	7,140	1,100	
04/30/01	283.46	265.37	18.09	0.00	--	41,600 <sup>3</sup>	3,060	791	2,380	6,260	<1,000	
07/09-10/01	283.46	263.78	19.68	0.00	--	27,000 <sup>3</sup>	2,500	480	1,900	5,100	1,900	
10/10/01	283.46	263.49	19.97	0.00	--	28,000	1,900	320	1,500	4,000	170	

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-5607  
5269 Crow Canyon Road  
Castro Valley, California

WELL ID/ DATE	TOC ( <i>ft.</i> )	GWE ( <i>mst</i> )	DTW ( <i>ft.</i> )	SPHT ( <i>ft.</i> )	SPHT		B ( <i>ppb</i> )	T ( <i>ppb</i> )	E ( <i>ppb</i> )	X ( <i>ppb</i> )	MTBE ( <i>ppb</i> )
					Removed ( <i>gallons</i> )	TPH-G ( <i>ppb</i> )					
<b>C-1 (cont)</b>											
01/07/02	283.46	266.91	16.55	0.00	--	7,100	640	47	570	430	64
04/11/02	283.46	265.94	17.52	0.00	--	9,000	730	80	720	740	<50
07/11/02	283.46	265.48	17.98	0.00	--	12,000	1,000	150	810	930	<25
10/30/02	283.46	263.58	19.88	0.00	--	26,000	1,800	540	1,900	3,400	<100
01/29/03	283.46	267.03	16.43	0.00	--	16,000	910	250	1,100	2,200	<20/2 <sup>11</sup>
04/18/03	283.46	267.53	15.93	0.00	--	4,100	190	35	170	380	<10
07/18/03 <sup>14</sup>	283.46	265.89	17.57	0.00	--	14,000	970	150	83	1,100	2
<b>C-2</b>											
03/26/85	284.37	--	--	--	--	--	--	--	--	--	--
07/03/86	284.37	264.68	19.69	--	--	--	--	--	--	--	--
03/26/87	284.37	268.92	15.45	--	--	--	--	--	--	--	--
03/28/88	284.37	263.45	20.92	--	--	--	--	--	--	--	--
03/10/89	284.37	271.57	12.80	--	--	--	--	--	--	--	--
04/03/89	284.37	270.11	14.26	--	--	--	--	--	--	--	--
05/08/89	284.37	265.95	18.42	--	--	--	--	--	--	--	--
06/05/89	284.37	264.28	20.09	--	--	--	--	--	--	--	--
07/12/90	284.37	263.58	20.79	--	--	--	--	--	--	--	--
08/10/90	284.37	262.97	21.40	--	--	--	--	--	--	--	--
09/13/89	284.37	262.51	21.86	--	--	320	62	4.0	10	14	--
10/04/89	284.37	264.48	19.89	--	--	--	--	--	--	--	--
11/03/89	284.37	263.61	20.76	--	--	--	--	--	--	--	--
12/04/89	284.37	263.55	20.82	--	--	1,000	-240	37	66	130	--
03/07/90	284.37	266.54	17.83	--	--	--	--	--	--	--	--
03/09/90	284.37	266.54	17.83	--	--	390	280	35	27	50	--
06/12/90	284.37	264.48	19.89	--	--	700	260	34	28	55	--
09/20/90	284.37	262.40	21.97	--	--	--	--	--	--	--	--
12/20/90	284.37	266.64	17.73	--	--	--	--	--	--	--	--
03/27/91	284.37	269.27	15.10	--	--	--	--	--	--	--	--
06/18/91	284.37	261.69	22.68	--	--	--	--	--	--	--	--

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-5607  
5269 Crow Canyon Road  
Castro Valley, California

WELL ID/ DATE	TOC (ft.)	GWE (mst)	DTW (ft.)	SPHT (ft.)	SPHT						
					Removed (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
<b>C-2 (cont)</b>											
09/12/91	284.37	260.45	23.92	--	--	--	--	--	--	--	--
01/23/92	284.37	263.13	21.24	--	--	--	--	--	--	--	--
04/13/92	284.37	266.83	17.54	--	--	1,100	120	76	17	72	--
08/03/92	284.37	262.32	22.05	--	--	--	--	--	--	--	--
10/22/92	284.37	261.34	23.03	--	--	--	--	--	--	--	--
01/18/93	284.37	269.51	14.86	--	--	70	6.4	ND	ND	ND	--
04/19/93	284.37	267.57	16.80	--	--	--	--	--	--	--	--
07/21-22/93	284.37	265.12	19.25	--	--	--	--	--	--	--	--
10/25/93	284.37	264.72	19.65	--	--	--	--	--	--	--	--
07/06-07/94	284.37	265.61	18.76	--	--	--	--	--	--	--	--
10/07/94	284.37	264.20	20.17	--	--	--	--	--	--	--	--
01/11/95	284.37	270.33	14.04	--	--	780	290	9.1	19	58	--
04/24/95	284.37	272.03	12.34	--	--	SAMPLED ANNUALLY		--	--	--	--
07/31/95	287.37	266.82	17.55	--	--	--	--	--	--	--	--
10/02/95	284.37	265.39	18.98	--	--	--	--	--	--	--	--
01/16/96	284.37	268.37	16.00	--	--	260	29	2.9	5.7	21	6.1
04/18/96	284.37	270.47	13.90	--	--	--	--	--	--	--	--
07/22/96	284.37	266.63	17.74	--	--	--	--	--	--	--	--
10/10/96	284.37	265.46	18.91	--	--	--	--	--	--	--	--
01/09/97	284.37	271.62	12.75	--	--	460	25	15	72	24	6.3
04/15/97	284.37	268.32	16.05	--	--	--	--	--	--	--	--
07/08/97	284.37	267.95	16.42	--	--	--	--	--	--	--	--
10/22/97	284.37	268.95	15.42	--	--	--	--	--	--	--	--
01/12/98	284.37	272.85	11.52	--	--	280	22	1.4	5.3	1.2	13
04/21/98	284.37	274.22	10.15	--	--	--	--	--	--	--	--
07/08/98	284.37	268.29	16.08	--	--	--	--	--	--	--	--
10/13/98	284.37	265.40	18.97	--	--	--	--	--	--	--	--
01/27/99	284.37	268.52	15.85	--	--	153	4.83	0.628	<0.5	<0.5	4.73
04/27/99	284.37	270.11	14.26	--	--	--	--	--	--	--	--
07/23/99	284.37	268.99	15.38	--	--	--	--	--	--	--	--
11/01/99	284.37	266.74	17.63	--	--	--	--	--	--	--	--

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-5607  
5269 Crow Canyon Road  
Castro Valley, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPHT							
					Removed (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	
<b>C-2 (cont)</b>												
01/20/00	284.37	266.92	17.45	--	--	201	9.68	<0.5	7.32	4.78	<5.0	
04/28-29/00	284.37	269.86	14.51	0.00	--	SAMPLED ANNUALLY		--	--	--	--	--
07/21/00	284.37	269.30	15.07	0.00	--	--	--	--	--	--	--	--
10/09-10/00	284.37	266.54	17.83	0.00	--	--	--	--	--	--	--	--
01/08-09/01	284.37	INACCESSIBLE	--	--	--	--	--	--	--	--	--	--
04/30/01	284.37	269.86	14.51	0.00	--	--	--	--	--	--	--	--
07/09-10/01	284.37	268.82	15.55	0.00	--	--	--	--	--	--	--	--
10/10/01	284.37	268.81	15.56	0.00	--	SAMPLED ANNUALLY		--	--	--	--	--
01/07/02	284.37	271.30	13.07	0.00	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	
04/11/02	284.37	269.77	14.60	0.00	--	--	--	--	--	--	--	--
07/11/02	284.37	MONITORED/SAMPLED ANNUALLY		--	--	--	--	--	--	--	--	--
10/30/02	284.37	MONITORED/SAMPLED ANNUALLY		--	--	--	--	--	--	--	--	--
01/29/03	284.37	270.78	13.59	0.00	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5/<0.5 <sup>11</sup>	
04/18/03	284.37	MONITORED/SAMPLED ANNUALLY		--	--	--	--	--	--	--	--	--
07/18/03	284.37	MONITORED/SAMPLED ANNUALLY		--	--	--	--	--	--	--	--	--
<b>C-3</b>												
03/26/85	285.98	--	--	--	--	--	--	--	--	--	--	--
07/03/86	285.98	259.94	26.04	--	--	--	--	--	--	--	--	--
03/26/87	285.98	260.34	25.64	--	--	--	--	--	--	--	--	--
03/28/88	285.98	257.16	28.82	--	--	--	--	--	--	--	--	--
03/10/89	285.98	263.20	22.78	--	--	--	--	--	--	--	--	--
04/03/89	285.98	263.27	22.71	--	--	--	--	--	--	--	--	--
05/08/89	285.98	260.03	25.95	--	--	--	--	--	--	--	--	--
06/05/89	285.98	258.36	27.62	--	--	--	--	--	--	--	--	--
07/12/90	285.98	257.69	28.29	--	--	--	--	--	--	--	--	--
08/10/90	285.98	257.52	28.46	--	--	--	--	--	--	--	--	--
09/13/89	285.98	256.65	29.33	--	--	60,000	1,400	6,800	2,300	10,000	--	--
10/04/89	285.98	257.01	28.97	--	--	--	--	--	--	--	--	--
11/03/89	285.98	257.26	28.72	--	--	--	--	--	--	--	--	--



**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-5607  
5269 Crow Canyon Road  
Castro Valley, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPHT		B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
					Removed (gallons)	TPH-G (ppb)					
<b>C-3 (cont)</b>											
12/04/89	285.98	256.97	29.01	--	--	56,000	1,300	3,300	1,400	2,700	--
03/07/90	285.98	258.29	27.69	--	--	--	--	--	--	--	--
03/09/90	285.98	258.29	27.69	--	--	42,000	1,100	5,700	1,600	7,900	--
06/12/90	285.98	257.89	28.09	--	--	160,000	1,400	7,100	3,400	16,000	--
09/24/90	285.98	256.80	29.18	--	--	53,000	850	7,700	2,000	10,000	--
12/20/90	285.98	257.71	28.27	--	--	520	1,200	5,400	5,400	33,000	--
03/27/91	285.98	261.18	24.80	--	--	92,000	1,300	3,100	1,200	11,000	--
06/18/91	285.98	255.14	30.84	--	--	--	--	--	--	--	--
09/12/91	285.98	254.34	31.64	0.03	--	--	--	--	--	--	--
01/23/92	285.98	255.46	30.52	Sheen	--	--	--	--	--	--	--
04/13/92	285.98	259.04	26.94	0.01	--	--	--	--	--	--	--
08/03/92	285.98	255.98	30.00	--	--	220,000	1,300	2,800	3,100	17,000	--
10/22/92	285.98	255.38**	30.62	0.03	--	--	--	--	--	--	--
01/18/93	285.98	262.07	23.91	--	--	1,000,000	2,400	5,300	10,000	61,000	--
04/19/93	285.98	260.98	25.00	--	--	94,000	33,000	22,000	1,600	9,200	--
07/21-22/93	285.98	259.43	26.55	--	--	44,000	2,600	5,500	1,300	6,900	--
10/25/93	285.98	257.26	28.72	--	--	35,000	3,900	2,400	1,100	6,600	--
01/21/94	285.98	256.32	29.66	--	--	120,000	4,200	2,200	2,000	11,000	--
04/18/94	285.98	259.24	26.74	--	--	29,000	1,200	310	520	2,000	--
07/06-07/94	285.98	259.62	26.36	--	--	84,000	2,700	1,400	1,400	9,700	--
10/07/94	285.98	257.49	28.49	--	--	40,000	1,600	390	1,200	6,100	--
01/11/95	285.98	262.84	23.14	--	--	34,000	4,200	910	720	3,800	--
04/24/95	285.98	266.10	19.88	--	--	210,000	43,000	28,000	2,400	13,000	--
07/31/95	285.98	261.30	24.68	--	--	110,000	33,000	17,000	2,300	12,000	--
10/02/95	285.98	258.84	27.14	--	--	69,000	6,700	4,000	2,000	11,000	--
01/16/96	285.98	261.60	24.38	--	--	40,000	2,400	440	1,200	5,500	<500
04/18/96	285.98	265.28	20.70	--	--	66,000	26,000	17,000	2,200	12,000	1,250
07/22/96	285.98	261.32	24.66	--	--	69,000	21,000	8,800	1,800	9,900	<1000
10/10/96	285.98	260.75	25.23	--	--	53,000	12,000	2,600	1,900	9,300	<500
01/09/97	285.98	267.74	18.24	--	--	73,000	17,000	6,000	1,700	7,800	<1250
04/15/97	285.98	263.96	22.02	--	--	160,000	28,000	17,000	2,600	12,000	<2500

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-5607  
5269 Crow Canyon Road  
Castro Valley, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPHT						
					Removed (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
<b>C-3 (cont)</b>											
07/08/97	285.98	263.04**	22.96	0.03	--	--	--	--	--	--	--
10/22/97	285.98	264.08	21.90	--	--	59,000	13,000	5,200	2,100	11,000	1,500
01/12/98	285.98	277.93	8.05	--	--	62,000	10,000	4,100	1,700	8,000	1,000
04/21/98	285.98	270.70	15.28	--	--	70,000	13,000	5,800	1,600	7,100	<1000
07/08/98	285.98	264.83	21.15	--	--	22,000	7,300	2,100	560	2,900	<25
10/13/98	285.98	268.38	17.60	--	--	390	32	4.8	26	42	2.9
01/27/99	285.98	262.31	23.67	--	--	57,100	18,400	2,440	1,660	8,690	<200
04/27/99	285.98	265.98	20.00	--	--	121,000	22,500	11,500	2,970	14,500	<2000
07/23/99	285.98	255.45**	31.09	0.70	--	--	--	--	--	--	--
11/01/99	285.98	255.45	21.03	--	--	138,000	23,900	14,700	3,970	18,400	1,180
01/20/00	285.98	262.72	23.26	--	--	135,000	20,700	9,870	2,840	13,600	<5000
04/28-29/00	285.98	265.63	20.35	0.00	--	120,000 <sup>3</sup>	24,000	11,000	2,700	14,000	2,100
07/21/00	285.98	265.34	20.64	0.00	--	93,000 <sup>3</sup>	24,000	11,000	3,100	15,000	2,000
10/09-10/00	285.98	264.35	21.63	0.00	--	83,400 <sup>5</sup>	21,400	7,130	2,160	12,000	<2,500
01/08-09/01	285.98	INACCESSIBLE		--	--	--	--	--	--	--	--
04/30/01	285.98	265.65	20.33	0.00	--	104,000 <sup>3</sup>	20,800	6,170	2,370	12,800	<2,500
07/09-10/01	285.98	264.53	21.45	0.00	--	81,000 <sup>3</sup>	19,000	6,200	2,800	14,000	2,600
10/10/01	285.98	264.70	21.28	0.00	--	90,000	18,000	4,200	1,900	13,000	<50
01/07/02	285.98	267.25	18.73	0.00	--	70,000	15,000	1,300	2,400	15,000	200
04/11/02	285.98	265.85	20.13	0.00	--	71,000	17,000	660	1,600	10,000	<50
07/11/02	285.98	265.41**	20.67	0.12	0.26 <sup>10</sup>	NOT SAMPLED DUE TO THE PRESENCE OF SPH				--	--
10/30/02	285.98	264.46**	21.58	0.07	2.20 <sup>10</sup>	NOT SAMPLED DUE TO THE PRESENCE OF SPH				--	--
01/29/03	285.98	267.08**	18.95	0.06	2.63 <sup>10</sup>	NOT SAMPLED DUE TO THE PRESENCE OF SPH				--	--
04/18/03	285.98	267.38**	18.65	0.06	1.54 <sup>10</sup>	NOT SAMPLED DUE TO THE PRESENCE OF SPH				--	--
07/18/03	285.98	265.80**	20.25	0.09	3.05 <sup>10</sup>	NOT SAMPLED DUE TO THE PRESENCE OF SPH				--	--
<b>C-4</b>											
03/26/85	273.01	257.87	15.14	--	--	--	--	--	--	--	--
07/03/86	273.01	257.64	15.37	--	--	--	--	--	--	--	--
03/26/87	273.01	--	--	--	--	--	--	--	--	--	--

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
 Chevron Service Station #9-5607  
 5269 Crow Canyon Road  
 Castro Valley, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPHT						MTBE (ppb)
					Removed (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	
<b>C-4 (cont)</b>											
03/28/88	273.01	254.97	18.04	--	--	--	--	--	--	--	--
03/10/89	273.01	--	--	--	--	--	--	--	--	--	--
04/03/89	273.01	259.67	13.34	--	--	--	--	--	--	--	--
05/08/89	273.01	257.41	15.60	--	--	--	--	--	--	--	--
06/05/89	273.01	256.50	16.51	--	--	--	--	--	--	--	--
09/13/89	273.01	254.85	18.16	--	--	57,000	21,000	3,100	3,200	11,000	--
10/04/89	273.01	254.77	18.24	--	--	--	--	--	--	--	--
11/03/89	273.01	254.84	18.17	--	--	--	--	--	--	--	--
12/04/89	273.01	254.56	18.45	--	--	48,000	17,000	2,200	2,800	9,800	--
03/07/90	273.01	255.81	17.20	--	--	--	--	--	--	--	--
03/09/90	273.01	255.81	17.20	--	--	43,000	20,000	2,300	2,800	11,000	--
06/12/90	273.01	256.35	16.66	--	--	82,000	21,000	2,400	4,000	16,000	--
07/12/90	273.01	256.02	16.99	--	--	--	--	--	--	--	--
08/10/90	273.01	255.74	17.27	--	--	--	--	--	--	--	--
09/24/90	273.01	254.90	18.11	--	--	--	--	--	--	--	--
ABANDONED											
<b>C-5</b>											
03/26/85	287.95	262.62	25.33	--	--	--	--	--	--	--	--
07/03/86	287.95	261.54	26.41	--	--	--	--	--	--	--	--
03/26/87	287.95	262.99	24.96	--	--	--	--	--	--	--	--
03/28/88	287.95	258.15	29.80	--	--	--	--	--	--	--	--
03/10/89	287.95	262.06	25.89	--	--	--	--	--	--	--	--
04/03/89	287.95	263.57	24.38	--	--	--	--	--	--	--	--
05/08/89	287.95	260.15	27.80	--	--	--	--	--	--	--	--
06/05/89	287.95	258.53	29.42	--	--	--	--	--	--	--	--
07/12/90	287.95	258.09	29.86	--	--	--	--	--	--	--	--
08/10/90	287.95	258.18	29.77	--	--	--	--	--	--	--	--
09/13/89	287.95	257.00	30.95	--	--	310	ND	ND	ND	ND	--
10/04/89	287.95	256.47	31.48	--	--	--	--	--	--	--	--

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-5607  
5269 Crow Canyon Road  
Castro Valley, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPHT		B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
					Removed (gallons)	TPH-G (ppb)					
C-5 (cont)											
11/03/89	287.95	256.63	31.32	--	--	--	--	--	--	--	--
12/04/89	287.95	256.25	31.70	--	--	ND	ND	ND	ND	ND	--
03/07/90	287.95	257.67	30.28	--	--	--	--	--	--	--	--
03/09/90	287.95	257.67	30.28	--	--	ND	ND	ND	ND	ND	--
06/12/90	287.95	257.47	30.48	--	--	90	ND	ND	ND	ND	--
09/24/90	287.95	256.17	31.78	--	--	ND	ND	ND	ND	ND	--
12/20/90	287.95	254.66	33.29	--	--	170	ND	ND	1.0	0.7	--
03/27/91	287.95	259.97	27.98	--	--	--	--	--	--	--	--
06/18/91	287.95	255.43	32.52	--	--	--	--	--	--	--	--
09/12/91	287.95	254.58	33.37	--	--	--	--	--	--	--	--
01/23/92	287.95	255.28	32.67	--	--	--	--	--	--	--	--
04/13/92	287.95	259.47	28.48	--	--	140	ND	ND	0.7	ND	--
08/03/92	287.95	255.45	32.50	--	--	ND	ND	ND	ND	ND	--
10/22/92	287.95	253.97	33.98	--	--	--	--	--	--	--	--
01/18/93	287.95	260.93	27.02	--	--	230	6.6	2.2	3.4	2.2	--
04/19/93	287.95	263.14	24.81	--	--	--	--	--	--	--	--
07/21-22/93	287.95	258.89	29.06	--	--	130	ND	0.6	ND	ND	--
10/25/93	287.95	257.00	30.95	--	--	--	--	--	--	--	--
01/21/94	287.95	256.04	31.91	--	--	ND	ND	ND	ND	ND	--
04/18/94	287.95	257.80	30.15	--	--	--	--	--	--	--	--
07/06-07/94	287.95	258.91	29.04	--	--	ND	ND	ND	ND	ND	--
10/07/94	287.95	256.11	31.84	--	--	--	--	--	--	--	--
01/11/95	287.95	262.97	24.98	--	--	700	1.1	6.0	1.5	2.1	--
04/24/95	287.95	266.17	21.78	--	--	SAMPLED SEMI-ANNUALLY					--
07/31/95	287.95	INACCESSIBLE		--	--	--	--	--	--	--	--
10/02/95	287.95	257.77	30.18	--	--	--	--	--	--	--	--
01/16/96	287.95	261.23	26.72	--	--	200	<0.5	<0.5	<0.5	1.3	<2.5
04/18/96	287.95	266.15	21.80	--	--	--	--	--	--	--	--
07/22/96	287.95	INACCESSIBLE		--	--	--	--	--	--	--	--
10/10/96	287.95	261.17	26.78	--	--	--	--	--	--	--	--
01/09/97	287.95	268.93	19.02	--	--	190	0.630	<0.5	<0.5	<0.5	<2.5

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-5607  
5269 Crow Canyon Road  
Castro Valley, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPHT							
					Removed (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	
<b>C-5 (cont)</b>												
04/15/97	287.95	264.64	23.31	--	--	--	--	--	--	--	--	
07/08/97	287.95	INACCESSIBLE		--	--	--	--	--	--	--	--	
10/22/97	287.95	INACCESSIBLE		--	--	--	--	--	--	--	--	
01/12/98	287.95	269.37	18.58	--	--	200	1.10	0.570	1.30	2.5	<2.5	
04/21/98	287.95	272.75	15.20	--	--	--	--	--	--	--	--	
07/08/98	287.95	264.76	23.19	--	--	52 <sup>2</sup>	<0.5	<0.5	<0.5	<0.5	<2.5	
10/13/98	287.95	261.95	26.00	--	--	--	--	--	--	--	--	
01/27/99	287.95	263.97	23.98	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0	
04/27/99	287.95	267.29	20.66	--	--	--	--	--	--	--	--	
07/23/99	287.95	266.73	21.22	--	--	80.7	<0.5	<0.5	<0.5	<0.5	<5.0	
11/01/99	287.95	268.22	19.73	--	--	--	--	--	--	--	--	
01/20/00	287.95	263.93	24.02	--	--	82.5	<0.5	<0.5	<0.5	<0.5	<5.0	
04/28-29/00	287.95	267.84	20.11	0.00	--	SAMPLED SEMI-ANNUALLY					--	
07/21/00	287.95	267.95	20.00	0.00	--	--	--	--	--	--	--	
07/26/00	287.95	267.86	20.09	0.00	--	66 <sup>3</sup>	<0.50	<0.50	<0.50	<0.50	3.1	
10/09-10/00	287.95	266.19	21.76	0.00	--	--	--	--	--	--	--	
01/08-09/01	287.95	INACCESSIBLE		--	--	--	--	--	--	--	--	
04/30/01	287.95	267.79	20.16	0.00	--	--	--	--	--	--	--	
07/09-10/01	287.95	267.13	20.82	0.00	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	
10/10/01	287.95	268.05	19.90	0.00	--	SAMPLED SEMI-ANNUALLY					--	
01/07/02	287.95	270.55	17.40	0.00	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	
04/11/02	287.95	267.68	20.27	0.00	--	--	--	--	--	--	--	
07/11/02	287.95	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--	--	--
10/30/02	287.95	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--	--	--
01/29/03	287.95	268.44	19.51	0.00	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5/<0.5 <sup>11</sup>	
04/18/03	287.95	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--	--	--
07/18/03	287.95	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--	--	--

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-5607  
5269 Crow Canyon Road  
Castro Valley, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPHT							
					Removed (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	
C-6												
03/26/85	--	--	16.74	--	--	--	--	--	--	--	--	--
07/03/86	275.28	257.82	17.46	--	--	--	--	--	--	--	--	--
03/26/87	275.28	256.91	18.37	--	--	--	--	--	--	--	--	--
03/28/88	275.28	245.44	29.84	--	--	--	--	--	--	--	--	--
03/10/89	275.28	260.84	14.44	--	--	--	--	--	--	--	--	--
04/03/89	275.28	260.84	14.44	--	--	--	--	--	--	--	--	--
05/08/89	275.28	258.12	17.16	--	--	--	--	--	--	--	--	--
06/05/89	275.28	256.77	18.51	--	--	--	--	--	--	--	--	--
07/12/90	275.28	256.57	18.71	--	--	--	--	--	--	--	--	--
08/10/90	275.28	255.96	19.32	--	--	--	--	--	--	--	--	--
09/13/89	275.28	255.33	19.95	--	--	47	5,600	3,000	2,400	10,000	--	--
10/04/89	275.28	255.41	19.87	--	--	--	--	--	--	--	--	--
11/03/89	275.28	255.93	19.35	--	--	--	--	--	--	--	--	--
12/04/89	275.28	255.69	19.59	--	--	40,000	8,100	1,800	1,700	7,500	--	--
03/07/90	275.28	256.89	18.39	--	--	--	--	--	--	--	--	--
03/09/90	275.28	256.89	18.39	--	--	73,000	23,000	5,900	3,400	17,000	--	--
06/12/90	275.28	256.41	18.87	--	--	85,000	19,000	6,500	3,400	16,000	--	--
09/24/90	275.28	255.29	19.99	--	--	72,000	15,000	3,200	2,600	11,000	--	--
12/20/90	275.28	253.71	21.57	--	--	100,000	11,000	4,200	3,400	16,000	--	--
03/27/91	275.28	258.96	16.32	--	--	100,000	11,000	4,400	2,300	11,000	--	--
06/18/91	275.28	251.95	23.33	--	--	--	--	--	--	--	--	--
09/12/91	275.28	251.32	23.96	--	--	--	--	--	--	--	--	--
01/23/92	275.28	263.20	12.08	--	--	--	--	--	--	--	--	--
04/13/92	275.28	255.43	19.85	Sheen	--	--	--	--	--	--	--	--
08/03/92	275.28	260.56	14.72	--	--	120,000	16,000	1,100	2,300	15,000	--	--
10/22/92	275.28	260.37	14.91	--	--	63,000	7,400	920	1,800	14,000	--	--
01/18/93	275.28	259.84	15.44	--	--	77,000	13,000	1,600	2,700	12,000	--	--
04/19/93	275.28	266.03	9.25	--	--	56,000	14,000	1,100	2,400	9,100	--	--
07/21-22/93	275.28	257.93	17.35	--	--	38,000	6,600	610	1,500	5,800	--	--
10/25/93	275.28	254.25	21.03	--	--	42,000	11,000	800	2,200	8,200	--	--
01/21/94	275.28	253.71	21.57	--	--	57,000	11,000	940	2,300	9,800	--	--

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-5607  
5269 Crow Canyon Road  
Castro Valley, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPHT		B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
					Removed (gallons)	TPH-G (ppb)					
<b>C-6 (cont)</b>											
04/18/94	275.28	257.17	18.11	--	--	48,000	9,800	830	1,900	7,500	--
07/06-07/94	275.28	258.28	17.00	--	--	46,000	6,800	610	900	6,200	--
10/07/94	275.28	256.09	19.19	--	--	35,000	5,900	410	1,400	3,800	--
01/11/95	275.28	256.64	18.64	--	--	54,000	1,200	1,100	2,100	9,500	--
04/24/95	275.28	262.72	12.56	--	--	81,000	12,000	1,500	2,400	9,900	--
07/31/95	275.28	259.54	15.74	--	--	75,000	12,000	1,200	2,800	11,000	--
10/02/95	275.28	257.56	17.72	--	--	59,000	13,000	990	2,800	10,000	--
01/16/96	275.28	259.81	15.47	--	--	63,000	10,000	650	2,200	7,500	<500
04/18/96	275.28	259.33	15.95	--	--	56,000	9,800	590	1,500	5,800	660
07/22/96	275.28	INACCESSIBLE		--	--	--	--	--	--	--	--
10/10/96	275.28	INACCESSIBLE		--	--	--	--	--	--	--	--
01/09/97	275.28	INACCESSIBLE		--	--	--	--	--	--	--	--
04/15/97	275.28	INACCESSIBLE		--	--	--	--	--	--	--	--
07/08/97	275.28	INACCESSIBLE		--	--	--	--	--	--	--	--
07/15/97	275.28	260.95	14.33	--	--	64,000	12,000	400	1,500	4,400	<1000
10/22/97	275.28	261.80	13.48	--	--	49,000	15,000	570	1,900	5,600	1,500
01/12/98	275.28	265.14	10.14	--	--	60,000	16,000	540	1,800	5,400	<1000
04/21/98	275.28	267.73	7.55	--	--	51,000	16,000	310	1,400	3,400	<1000
07/08/98	275.28	262.80	12.48	--	--	19,000	8,200	150	720	1,100	<250
10/13/98	275.28	259.82	15.46	--	--	46,000	12,000	490	1600	3,600	<250
01/27/99	275.28	263.32	11.96	--	--	16,000	4,440	132	688	1,290	190
04/27/99	275.28	263.15	12.13	--	--	38,800	13,100	403	1,540	3,430	<1250
07/23/99	275.28	261.82	13.46	--	--	33,400	9,460	182	1,030	2,040	<1000
11/01/99	275.28	262.01	13.27	--	--	23,700	7,250	335	775	882	161
01/20/00	275.28	260.64	14.64	--	--	32,300	8,970	181	1,020	1,450	<1000
04/28-29/00	275.28	263.21	12.07	0.00	--	1,900 <sup>3</sup>	3,100	40	51	130	120
07/21/00	275.28	262.88	12.40	0.00	--	5,000 <sup>3</sup>	4,400	43	50	88	130
10/09-10/00	275.28	261.89	13.39	0.00	--	4,810 <sup>5</sup>	2,570	<25.0	<25.0	<25.0	<125
01/08-09/01	275.28	261.51	13.77	0.00	--	110 <sup>5</sup>	16.8	0.827	<0.500	1.88	<2.50
04/30/01	275.28	265.16	10.12	0.00	--	19,400 <sup>3</sup>	5,290	74.0	171	648	<500
07/09-10/01	275.28	261.77	13.51	0.00	--	7,000 <sup>3</sup>	5,300	65	200	360	680

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
 Chevron Service Station #9-5607  
 5269 Crow Canyon Road  
 Castro Valley, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPHT		B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
					Removed (gallons)	TPH-G (ppb)					
<b>C-6 (cont)</b>											
10/10/01	275.28	261.54	13.74	0.00	--	18,000	5,600	51	140	340	<50
01/07/02	275.28	264.67	10.61	0.00	--	34,000	12,000	270	960	1,700	160
04/11/02	275.28	263.58	11.70	0.00	--	31,000	11,000	230	790	2,000	<50
07/11/02	275.28	263.26	12.02	0.00	--	41,000	14,000	230	820	1,800	<100
10/30/02	275.28	262.54	12.74	0.00	--	19,000	7,800	64	150	350	86
01/29/03	275.28	264.55	10.73	0.00	--	40,000	15,000	310	1,100	2,000	<130/13 <sup>11</sup>
04/18/03	275.28	264.82	10.46	0.00	--	45,000	18,000	410	1,300	3,400	<50
07/18/03 <sup>14</sup>	275.28	263.64	11.64	0.00	--	39,000	14,000	170	46	1,300	<20
<b>C-7</b>											
03/26/85	--	--	9.61	--	--	--	--	--	--	--	--
07/03/86	270.70	259.96	10.74	--	--	--	--	--	--	--	--
03/26/87	270.70	260.62	10.08	--	--	--	--	--	--	--	--
03/28/88	270.70	256.91	13.79	--	--	--	--	--	--	--	--
03/10/89	270.70	260.28	10.42	--	--	--	--	--	--	--	--
04/03/89	270.70	261.56	9.14	--	--	--	--	--	--	--	--
05/08/89	270.70	258.79	11.91	--	--	--	--	--	--	--	--
06/05/89	270.70	259.16	11.54	--	--	--	--	--	--	--	--
07/12/90	270.70	257.25	13.45	--	--	--	--	--	--	--	--
08/10/90	270.70	257.33	13.37	--	--	--	--	--	--	--	--
09/13/89	270.70	256.10	14.60	--	--	410	1.3	ND	10	ND	--
10/04/89	270.70	255.53	15.17	--	--	--	--	--	--	--	--
11/03/89	270.70	255.42	15.28	--	--	--	--	--	--	--	--
12/04/89	270.70	255.00	15.70	--	--	1,000	1.0	ND	5.0	ND	--
03/07/90	270.70	256.48	14.22	--	--	--	--	--	--	--	--
03/09/90	270.70	256.48	14.22	--	--	590	2.8	2.4	3.5	2.0	--
06/12/90	270.70	256.52	14.18	--	--	1,200	ND	5.0	8.2	3.2	--
09/24/90	270.70	255.26	15.44	Sheen	--	400	1.4	1.9	1.4	2.2	--
09/24/90 (D)	270.70	255.26	15.44	--	--	580	ND	2.4	1.4	1.5	--
12/20/90	270.70	253.62	17.08	--	--	2,300	ND	6.5	4.7	9.3	--



**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-5607  
5269 Crow Canyon Road  
Castro Valley, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPHT		B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
					Removed (gallons)	TPH-G (ppb)					
<b>C-7 (cont)</b>											
03/27/91	270.70	258.05	12.65	--	--	980	ND	2.4	9.1	3.0	--
06/18/91	270.70	254.26	16.44	--	--	--	--	--	--	--	--
09/12/91	270.70	253.65	17.05	--	--	1,200	ND	3.1	6.5	2.7	--
01/23/92	270.70	253.78	16.92	--	--	--	--	--	--	--	--
04/13/92	270.70	257.70	13.00	--	--	830	ND	1.0	7.8	1.2	--
08/03/92	270.70	--	--	--	--	--	--	--	--	--	--
10/22/92	270.70	UNABLE TO LOCATE	--	--	--	--	--	--	--	--	--
01/18/93	270.70	UNABLE TO LOCATE	--	--	--	--	--	--	--	--	--
04/19/93	270.70	UNABLE TO LOCATE	--	--	--	--	--	--	--	--	--
07/21-22/93	270.70	257.76	12.94	--	--	890	0.9	3.0	4.0	4.0	--
10/25/93	270.70	255.87	14.83	--	--	--	--	--	--	--	--
01/21/94	270.70	254.76	15.94	--	--	660	ND	6.0	1.0	3.0	--
04/18/94	270.70	255.72	14.98	--	--	--	--	--	--	--	--
07/06-07/94	270.70	257.76	12.94	--	--	960	ND	5.8	4.2	8.2	--
10/07/94	270.70	254.87	15.83	--	--	--	--	--	--	--	--
01/11/95	270.70	261.45	9.25	--	--	900	<0.5	<0.5	2.3	1.3	--
04/24/95	270.70	264.00	6.70	--	--	SAMPLED SEMI-ANNUALLY		--	--	--	--
07/31/95	270.70	259.46	11.24	--	--	690	<1.2	<1.2	<1.2	<1.2	--
10/02/95	270.70	256.68	14.02	--	--	--	--	--	--	--	--
01/16/96	270.70	259.48	11.22	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/18/96	270.70	264.05	6.65	--	--	--	--	--	--	--	--
07/22/96	270.70	259.60	11.10	--	--	360	4.4	2.0	<0.5	<0.5	17
10/10/96	270.70	259.35	11.35	--	--	--	--	--	--	--	--
01/09/97	270.70	266.82	3.88	--	--	69	<0.5	<0.5	<0.5	<0.5	<2.5
04/15/97	270.70	262.82	7.88	--	--	--	--	--	--	--	--
07/08/97	270.70	261.70	9.00	--	--	710	8.0	1.20	<0.5	<0.5	22
10/22/97	270.70	262.09	8.61	--	--	--	--	--	--	--	--
01/12/98	270.70	267.03	3.67	--	--	400	7.20	<1.0	1.60	1.30	16
04/21/98	270.70	270.19	0.51	--	--	--	--	--	--	--	--
07/08/98	270.70	263.72	6.98	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
10/13/98	270.70	261.58	9.12	--	--	--	--	--	--	--	--

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-5607  
5269 Crow Canyon Road  
Castro Valley, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPHT							
					Removed (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	
<b>C-7 (cont)</b>												
01/27/99	270.70	262.15	8.55	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0	
04/27/99	270.70	265.75	4.95	--	--	--	--	--	--	--	--	
07/23/99	270.70	265.60	5.10	--	--	500	7.84	0.983	1.71	0.658	<5.0	
11/01/99	270.70	263.41	7.29	--	--	--	--	--	--	--	--	
01/20/00	270.70	262.94	7.76	--	--	503	6.82	0.56	<0.5	1.35	<5.0	
04/28-29/00	270.70	266.33	4.37	0.00	--	SAMPLED SEMI-ANNUALLY						
07/21/00	270.70	266.51	4.19	0.00	--	--	--	--	--	--	--	
07/26/00	270.70	266.41	4.29	0.00	--	110 <sup>4</sup>	1.8	1.1	<0.50	<0.50	<2.5	
10/09-10/00	270.70	265.47	5.23	0.00	--	--	--	--	--	--	--	
01/08-09/01	270.70	264.00	6.70	0.00	--	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	
04/30/01	270.70	266.39	4.31	0.00	--	--	--	--	--	--	--	
07/09-10/01	270.70	265.87	4.83	0.00	--	150 <sup>3</sup>	1.9	0.83	<0.50	0.95	4.8	
10/10/01	270.70	266.43	4.27	0.00	--	SAMPLED SEMI-ANNUALLY						
01/07/02	270.70	268.78	1.92	0.00	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	
04/11/02	270.70	266.41	4.29	0.00	--	--	--	--	--	--	--	
07/11/02	270.70	265.90	4.80	0.00	--	310	<1.0	0.56	<0.50	1.9	<2.5	
10/30/02	270.70	MONITORED/SAMPLED SEMI-ANNUALLY			--	--	--	--	--	--	--	
01/29/03	270.70	267.08	3.62	0.00	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5/<0.5 <sup>11</sup>	
04/18/03	270.70	MONITORED/SAMPLED SEMI-ANNUALLY			--	--	--	--	--	--	--	
07/18/03 <sup>14</sup>	270.70	265.55	5.15	0.00	--	220	<0.5	<0.5	<0.5	<0.5	<0.5	
<b>C-8</b>												
03/26/85	--	--	8.68	--	--	--	--	--	--	--	--	
07/03/86	288.40	274.51	13.89	--	--	--	--	--	--	--	--	
03/26/87	288.40	282.39	6.01	--	--	--	--	--	--	--	--	
03/28/88	288.40	277.74	10.66	--	--	--	--	--	--	--	--	
03/10/89	288.40	281.79	6.61	--	--	--	--	--	--	--	--	
04/03/89	288.40	281.94	6.46	--	--	--	--	--	--	--	--	
05/08/89	288.40	279.43	8.97	--	--	--	--	--	--	--	--	
06/05/89	288.40	277.52	10.88	--	--	--	--	--	--	--	--	

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-5607  
5269 Crow Canyon Road  
Castro Valley, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPHT	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
					Removed (gallons)						
<b>C-8 (cont)</b>											
07/12/90	288.40	276.25	12.15	--	--	--	--	--	--	--	--
08/10/90	288.40	275.94	12.46	--	--	--	--	--	--	--	--
09/13/89	288.40	275.62	12.78	--	--	ND	ND	ND	ND	ND	--
10/04/89	288.40	275.89	12.51	--	--	--	--	--	--	--	--
11/03/89	288.40	273.77	14.63	--	--	--	--	--	--	--	--
12/04/89	288.40	278.81	9.59	--	--	64	0.6	0.6	ND	1.0	--
03/07/90	288.40	279.60	8.80	--	--	--	--	--	--	--	--
03/09/90	288.40	279.60	8.80	--	--	ND	ND	ND	ND	ND	--
06/12/90	288.40	279.46	8.94	--	--	120	2.5	1.2	1.0	1.4	--
09/24/90	288.40	274.86	13.54	--	--	--	--	--	--	--	--
12/20/90	288.40	279.07	9.33	--	--	--	--	--	--	--	--
03/27/91	288.40	282.30	6.10	--	--	54	0.7	ND	0.7	1.9	--
06/18/91	288.40	276.44	11.96	--	--	--	--	--	--	--	--
09/12/91	288.40	274.80	13.60	--	--	ND	ND	ND	ND	ND	--
09/12/91 (D)	288.40	274.80	13.60	--	--	ND	ND	ND	ND	ND	--
01/23/92	288.40	264.20	24.20	--	--	--	--	--	--	--	--
04/13/92	288.40	280.05	8.35	--	--	ND	ND	ND	ND	ND	--
08/03/92	288.40	275.82	12.58	--	--	ND	ND	ND	ND	ND	--
10/22/92	288.40	275.30	13.10	--	--	ND	ND	ND	ND	ND	--
01/18/93	288.40	282.28	6.12	--	--	ND	ND	ND	ND	ND	--
04/19/93	288.40	281.35	7.05	--	--	ND	ND	ND	ND	ND	--
07/21-22/93	288.40	277.05	11.35	--	--	ND	ND	ND	ND	ND	--
10/25/93	288.40	275.55	12.85	--	--	ND	ND	ND	ND	ND	--
01/21/94	288.40	277.85	10.55	--	--	ND	ND	ND	ND	ND	--
04/18/94	288.40	278.89	9.51	--	--	ND	1.2	0.9	ND	1.6	--
07/06-07/94	288.40	277.02	11.38	--	--	ND	ND	ND	ND	ND	--
10/07/94	288.40	275.48	12.92	--	--	ND	ND	ND	ND	ND	--
01/11/95	288.40	283.04	5.36	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/24/95	288.40	281.82	6.58	--	--	<50	<0.5	0.61	<0.5	0.51	--
07/31/95	288.40	278.94	9.46	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/02/95	288.40	276.56	11.84	--	--	<50	<0.5	<0.5	<0.5	<0.5	--

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**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-5607  
5269 Crow Canyon Road  
Castro Valley, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPHT		B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
					Removed (gallons)	TPH-G (ppb)					
<b>C-8 (cont)</b>											
01/16/96	288.40	281.40	7.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	5.4
04/18/96	288.40	281.77	6.63	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
07/22/96	288.40	280.49	7.91	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
10/10/96	288.40	279.71	8.69	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
01/09/97	288.40	283.11	5.29	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/15/97	288.40	281.90	6.50	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
07/08/97	288.40	281.90	6.50	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
10/22/97	288.40	283.00	5.40	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
01/12/98	288.40	284.27	4.13	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/21/98	288.40	283.84	4.56	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
07/08/98	288.40	277.81	10.59	--	--	<50	<0.5	0.57	<0.5	<0.5	<2.5
10/13/98	288.40	276.32	12.08	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
01/27/99	288.40	276.89	11.51	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0
04/27/99	288.40	282.40	6.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
07/23/99	288.40	282.13	6.27	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
11/01/99	288.40	282.30	6.10	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
01/20/00	288.40	281.92	6.48	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
04/28-29/00	288.40	282.82	5.58	0.00	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
07/21/00	288.40	282.45	5.95	0.00	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
10/09-10/00	288.40	281.82	6.58	0.00	--	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50
01/08-09/01	288.40	INACCESSIBLE		--	--	--	--	--	--	--	--
04/30/01	288.40	282.44	5.96	0.00	--	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00
07/09-10/01	288.40	282.81	5.59	0.00	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
10/10/01	288.40	282.88	5.52	0.00	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
01/07/02	288.40	282.90	5.50	0.00	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
04/11/02	288.40	282.53	5.87	0.00	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
07/11/02	288.40	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--	--
10/30/02	288.40	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--	--
01/29/03	288.40	282.38	6.02	0.00	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5/<0.5 <sup>11</sup>
04/18/03	288.40	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--	--
07/18/03	288.40	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--	--

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-5607  
5269 Crow Canyon Road  
Castro Valley, California

WELL ID/ DATE	TOC (ft.)	GWE (mst)	DTW (ft.)	SPHT (ft.)	SPHT		B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
					Removed (gallons)	TPH-G (ppb)					
<b>C-9</b>											
07/03/86	268.46	254.57	13.89	--	--	--	--	--	--	--	--
03/26/87	268.46	254.72	13.74	--	--	--	--	--	--	--	--
03/28/88	268.46	253.47	14.99	--	--	--	--	--	--	--	--
03/10/89	268.46	255.07	13.39	--	--	--	--	--	--	--	--
04/03/89	268.46	255.62	12.84	--	--	--	--	--	--	--	--
05/08/89	268.46	254.08	14.38	--	--	--	--	--	--	--	--
06/05/89	268.46	253.10	15.36	--	--	--	--	--	--	--	--
07/12/90	268.46	252.81	15.65	--	--	--	--	--	--	--	--
08/10/90	268.46	252.66	15.80	--	--	--	--	--	--	--	--
09/13/89	268.46	251.93	16.53	--	--	42,000	14,000	1,100	2,800	4,200	--
10/04/89	268.46	251.94	16.52	--	--	--	--	--	--	--	--
11/03/89	268.46	251.95	16.51	--	--	--	--	--	--	--	--
12/04/89	268.46	251.67	16.79	--	--	36,000	11,000	670	2,500	3,800	--
03/07/90	268.46	252.24	16.22	--	--	--	--	--	--	--	--
03/09/90	268.46	252.24	16.22	--	--	28,000	12,000	940	3,000	4,700	--
06/12/90	268.46	253.58	14.88	--	--	39,000	11,000	1,600	2,300	4,800	--
09/24/90	268.46	252.16	16.30	--	--	120,000	13,000	1,600	3,700	6,800	--
12/20/90	268.46	251.23	17.23	--	--	51,000	9,300	560	2,800	3,300	--
12/20/90 (D)	268.46	251.23	17.23	--	--	44,000	12,000	580	2,800	3,500	--
03/27/91	268.46	254.68	13.78	--	--	56,000	3,400	5,000	1,600	5,600	--
06/18/91	268.46	249.82	18.64	--	--	--	--	--	--	--	--
09/12/91	268.46	INACCESSIBLE		--	--	--	--	--	--	--	--
10/24/95	268.46	250.39	18.07	--	--	30,000	7,200	440	2,500	1,600	--
01/16/96	268.46	252.18	16.28	--	--	36,000	8,200	700	2,500	2,100	<500
01/16/96	268.46	252.18	16.28	--	--	36,000	8,200	700	2,500	2,100	<500
07/08/98	268.46	256.46	12.00	--	--	20,000	4,900	880	1,100	2,500	<250
10/13/98	268.46	254.19	14.27	--	--	28,000	7,100	1,100	1,300	2,700	<125
01/27/99	268.46	256.92	11.54	--	--	12,100	3,490	249	654	1,260	131
04/27/99	268.46	257.46	11.00	--	--	42,400	12,500	732	3,060	2,760	1000
07/23/99	268.46	257.16	11.30	--	--	28,800	7,420	418	1,900	1,720	<1000
11/01/99	268.46	257.02	11.44	--	--	10,100	2,050	227	628	830	933

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-5607  
5269 Crow Canyon Road  
Castro Valley, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPHT						
					Removed (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
<b>C-9 (cont)</b>											
01/20/00	268.46	255.38	13.08	--	--	33,100	7,990	239	1,990	1,030	<1000
04/28-29/00	268.46	257.61	10.85	0.00	--	7,400 <sup>3</sup>	1,100	<50	440	280	<250
07/21/00	268.46	256.93	11.53	0.00	--	3,900 <sup>3</sup>	770	33	270	200	210
10/09-10/00	268.46	254.76	13.70	0.00	--	4,190 <sup>5</sup>	732	32.3	340	200	<50.0
01/08-09/01	268.46	254.68	13.78	0.00	--	7,430 <sup>5</sup>	1,740	<50.0	554	317	297
04/30/01 <sup>9</sup>	268.46	255.07	13.39	0.00	--	5,040 <sup>3</sup>	509	12.2	248	119	<100
07/09-10/01 <sup>9</sup>	268.46	255.46	13.00	0.00	--	2,800 <sup>3</sup>	430	<25	200	91	200
10/10/01 <sup>9</sup>	268.46	255.96	12.50	0.00	--	5,900	920	33	300	240	<20
01/07/02	268.46	258.75	9.71	0.00	--	2,800	120	6.3	33	82	62
04/11/02 <sup>9</sup>	268.46	258.11	10.35	0.00	--	6,700	1,200	24	360	140	<50
07/11/02 <sup>9</sup>	268.46	INACCESSIBLE - PUMP STUCK IN WELL			--	--	--	--	--	--	--
10/30/02 <sup>9</sup>	268.46	INACCESSIBLE - PUMP STUCK IN WELL			--	--	--	--	--	--	--
01/29/03 <sup>9</sup>	268.46	INACCESSIBLE - PUMP STUCK IN WELL			--	--	--	--	--	--	--
04/18/03 <sup>12</sup>	-- <sup>13</sup>	-- <sup>13</sup>	8.95	0.00	--	5,500	920	40	340	140	<13
07/18/03 <sup>12,14</sup>	-- <sup>13</sup>	-- <sup>13</sup>	10.22	0.00	--	12,000	1,900	110	670	520	<1
<b>C-10A</b>											
03/07/90	264.84	244.63	20.21	--	--	--	--	--	--	--	--
03/09/90	264.84	--	--	--	--	ND	1.6	0.7	0.8	3.5	--
06/12/90	264.84	245.14	19.70	--	--	ND	ND	ND	ND	ND	--
09/24/90	264.84	245.30	19.54	--	--	ND	ND	ND	ND	ND	--
12/20/90	264.84	245.00	19.84	--	--	ND	ND	ND	ND	ND	--
03/27/91	264.84	246.83	18.01	--	--	--	--	--	--	--	--
06/18/91	264.84	244.68	20.16	--	--	ND	ND	ND	ND	ND	--
09/12/91	264.84	244.27	20.57	--	--	ND	ND	ND	ND	ND	--
01/23/92	264.84	244.17	20.67	--	--	ND	ND	ND	ND	ND	--
04/13/92	264.84	245.44	19.40	--	--	53	0.9	1.3	ND	1.0	--
08/03/92	264.84	245.03	19.81	--	--	ND	ND	ND	ND	ND	--
10/22/92	264.84	245.01	19.83	--	--	ND	ND	ND	ND	0.5	--
01/18/93	264.84	247.80	17.04	--	--	ND	ND	ND	ND	ND	--

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-5607  
5269 Crow Canyon Road  
Castro Valley, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPHT		B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
					Removed (gallons)	TPH-G (ppb)					
<b>C-10A (cont)</b>											
04/19/93	264.84	247.07	17.77	--	--	ND	ND	ND	ND	ND	--
04/19/93	264.84	247.28	17.56	--	--	ND	ND	ND	ND	ND	--
10/25/93	264.84	247.07	17.77	--	--	ND	ND	ND	ND	ND	--
01/21/94	264.84	246.93	17.91	--	--	ND	ND	ND	ND	ND	--
04/18/94	264.84	247.81	17.03	--	--	ND	3.0	3.0	1.4	5.5	--
07/06-07/94	264.84	248.06	16.78	--	--	ND	ND	ND	ND	ND	--
10/07/94	264.84	247.63	17.21	--	--	ND	ND	ND	ND	ND	--
01/11/95	264.84	248.78	16.06	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/24/95	264.84	248.32	16.52	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/31/95	264.84	245.82	19.02	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/02/95	264.84	245.14	19.70	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/16/96	264.84	246.21	18.63	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/18/96	264.84	247.19	17.65	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
07/22/96	264.84	245.99	18.85	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
10/10/96	264.84	245.40	19.44	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
01/09/97	264.84	248.00	16.84	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/15/97	264.84	246.47	18.37	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
07/08/97	264.84	246.33	18.51	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
10/22/97	264.84	246.64	18.20	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
01/12/98	264.84	248.00	16.84	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/21/98	264.84	248.04	16.80	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
07/08/98	264.84	246.89	17.95	--	--	<50	<0.5	0.57	<0.5	<0.5	<2.5
10/13/98	264.84	246.16	18.68	--	--	<50	1.3	<0.5	0.67	1.5	<2.5
01/27/99	264.84	246.96	17.88	--	--	79.2	<0.5	<0.5	<0.5	<0.5	<2.0
04/27/99	264.84	247.53	17.31	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
07/23/99	264.84	246.27	18.57	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
11/01/99	264.84	246.75	18.09	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
01/20/00	264.84	246.85	17.99	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
04/28-29/00	264.84	247.53	17.31	0.00	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
07/21/00	264.84	247.26	17.58	0.00	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
10/09-10/00	264.84	246.80	18.04	0.00	--	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-5607  
5269 Crow Canyon Road  
Castro Valley, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPHT	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
					Removed (gallons)						
<b>C-10A (cont)</b>											
01/08-09/01	264.84	246.94	17.90	0.00	--	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50
04/30/01	264.84	247.53	17.31	0.00	--	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00
07/09-10/01	264.84	247.02	17.82	0.00	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
DESTROYED											
<b>C-10B</b>											
03/07/90	264.85	243.41	21.44	--	--	--	--	--	--	--	--
06/12/90	264.85	244.91	19.94	--	--	ND	ND	ND	ND	ND	--
09/24/90	264.85	245.08	19.77	--	--	ND	ND	ND	ND	ND	--
12/20/90	264.85	244.85	20.00	--	--	ND	ND	ND	ND	ND	--
03/27/91	264.85	246.62	18.23	--	--	--	--	--	--	--	--
06/18/91	264.85	244.41	20.44	--	--	--	--	--	--	--	--
09/12/91	264.85	244.03	20.82	--	--	ND	ND	ND	ND	ND	--
01/23/92	264.85	243.93	20.92	--	--	ND	ND	ND	ND	ND	--
04/13/92	264.85	245.17	19.68	--	--	ND	ND	ND	ND	ND	--
08/03/92	264.85	244.78	20.07	--	--	ND	ND	ND	ND	ND	--
10/22/92	264.85	244.73	20.12	--	--	ND	ND	ND	ND	ND	--
01/18/93	264.85	247.49	17.36	--	--	60	3.3	11	2.1	8.9	--
04/19/93	264.85	246.95	17.90	--	--	ND	ND	ND	ND	ND	--
07/21-22/93	264.85	246.99	17.86	--	--	ND	ND	ND	ND	ND	--
10/25/93	264.85	246.75	18.10	--	--	ND	ND	ND	ND	ND	--
01/21/94	264.85	246.62	18.23	--	--	ND	ND	ND	ND	ND	--
04/18/94	264.85	247.49	17.36	--	--	ND	ND	ND	ND	0.5	--
07/06-07/94	264.85	247.80	17.05	--	--	ND	ND	ND	ND	ND	--
10/07/94	264.85	247.31	17.54	--	--	ND	ND	ND	ND	ND	--
01/11/95	264.85	248.61	16.24	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/24/95	264.85	247.95	16.90	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/31/95	264.85	245.57	19.28	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/02/95	264.85	244.91	19.94	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/16/96	264.85	246.25	18.60	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5



**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-5607  
5269 Crow Canyon Road  
Castro Valley, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPHT		B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
					Removed (gallons)	TPH-G (ppb)					
<b>C-10B (cont)</b>											
04/18/96	264.85	246.87	17.98	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
07/22/96	264.85	245.75	19.10	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
10/10/96	264.85	245.14	19.71	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
01/09/97	264.85	247.65	17.20	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/15/97	264.85	246.11	18.74	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
07/08/97	264.85	246.10	18.75	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
10/22/97	264.85	246.35	18.50	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
01/12/98	264.85	247.71	17.14	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/21/98	264.85	247.69	17.16	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
07/08/98	264.85	246.61	18.24	--	--	<50	<0.5	0.62	<0.5	<0.5	<2.5
10/13/98	264.85	245.93	18.92	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
01/27/99	264.85	246.74	18.11	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0
04/27/99	264.85	247.26	17.59	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
07/23/99	264.85	246.70	18.15	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
11/01/99	264.85	247.16	17.69	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
01/20/00	264.85	246.62	18.23	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
04/28-29/00	264.85	247.34	17.51	0.00	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
07/21/00	264.85	247.03	17.82	0.00	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
10/09-10/00	264.85	246.62	18.23	0.00	--	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50
01/08-09/01	264.85	246.72	18.13	0.00	--	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50
04/30/01	264.85	247.31	17.54	0.00	--	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00
07/09-10/01	264.85	246.80	18.05	0.00	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
DESTROYED											
<b>C-11</b>											
03/07/90	265.30	242.56	22.74	--	--	--	--	--	--	--	--
03/09/90	265.30	--	--	--	--	ND	1.2	0.7	ND	1.4	--
06/12/90	265.30	243.32	21.98	--	--	ND	ND	ND	ND	ND	--
09/24/90	265.30	243.42	21.88	--	--	ND	ND	ND	ND	ND	--
12/20/90	265.30	242.12	23.18	--	--	ND	ND	ND	ND	ND	--

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-5607  
5269 Crow Canyon Road  
Castro Valley, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPHT		B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
					Removed (gallons)	TPH-G (ppb)					
<b>C-11 (cont)</b>											
03/27/91	265.30	243.78	21.52	--	--	ND	ND	ND	ND	1.5	--
06/18/91	265.30	243.40	21.90	--	--	--	--	--	--	--	--
09/12/91	265.30	242.60	22.70	--	--	ND	ND	ND	ND	ND	--
01/23/92	265.30	241.84	23.46	--	--	ND	ND	ND	ND	ND	--
04/13/92	265.30	243.73	21.57	--	--	ND	ND	ND	ND	ND	--
08/03/92	265.30	242.63	22.67	--	--	ND	ND	ND	ND	ND	--
10/22/92	265.30	242.01	23.29	--	--	ND	ND	ND	ND	ND	--
01/18/93	265.30	243.94	21.36	--	--	ND	ND	1.2	ND	2.2	--
04/19/93	265.30	245.33	19.97	--	--	ND	ND	ND	ND	ND	--
07/21-22/93	265.30	244.65	20.65	--	--	ND	ND	ND	ND	ND	--
10/25/93	265.30	244.55	20.75	--	--	ND	ND	ND	ND	ND	--
01/21/94	265.30	243.69	21.61	--	--	ND	ND	ND	ND	ND	--
04/18/94	265.30	244.52	20.78	--	--	ND	ND	ND	ND	ND	--
07/06-07/94	265.30	244.88	20.42	--	--	ND	ND	ND	ND	ND	--
10/07/94	265.30	243.70	21.60	--	--	ND	ND	ND	ND	ND	--
01/11/95	265.30	245.28	20.02	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/24/95	265.30	247.58	17.72	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/31/95	265.30	246.12	19.18	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/02/95	265.30	244.88	20.42	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/16/96	265.30	245.48	19.82	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/18/96	265.30	248.30	17.00	--	--	260	7.9	6.9	5.3	23	11
07/22/96	265.30	248.40	16.90	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
10/10/96	265.30	245.74	19.56	--	--	130	32	2.70	4.30	14	3.40
01/09/97	265.30	249.28	16.02	--	--	75	5.30	6.40	2.0	9.0	<2.5
04/15/97	265.30	247.35	17.95	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
07/08/97	265.30	245.55	19.75	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
10/22/97	265.30	245.74	19.56	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
01/12/98	265.30	246.97	18.33	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/21/98	265.30	248.62	16.68	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
07/08/98	265.30	246.76	18.54	--	--	<50	<0.5	0.58	<0.5	<0.5	<2.5
10/13/98	265.30	245.02	20.28	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-5607  
5269 Crow Canyon Road  
Castro Valley, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPHT		B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
					Removed (gallons)	TPH-G (ppb)					
<b>C-11 (cont)</b>											
01/27/99	265.30	245.85	19.45	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0
04/27/99	265.30	246.90	18.40	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
07/23/99	265.30	246.05	19.25	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
11/01/99	265.30	247.47	17.83	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
01/20/00	265.30	245.06	20.24	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
04/28-29/00	265.30	246.35	18.95	0.00	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
07/21/00	265.30	246.07	19.23	0.00	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
10/09-10/00	265.30	245.57	19.73	0.00	--	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50
01/08-09/01	265.30	244.99	20.31	0.00	--	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50
04/30/01	265.30	246.01	19.29	0.00	--	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00
07/09-10/01	265.30	245.51	19.79	0.00	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
10/10/01	265.30	245.23	20.07	0.00	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
01/07/02	265.30	246.85	18.45	0.00	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
04/11/02	265.30	246.05	19.25	0.00	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
07/11/02	265.30	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--	--
10/30/02	265.30	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--	--
01/29/03	265.30	245.89	19.41	0.00	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5/<0.5 <sup>11</sup>
04/18/03	265.30	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--	--
07/18/03	265.30	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--	--
<b>C-12</b>											
03/07/90	269.66	254.74	14.92	--	--	--	--	--	--	--	--
03/09/90	269.66	--	--	--	--	1,400	-230	140	33	180	--
06/12/90	269.66	254.87	14.79	--	--	720	190	71	18	73	--
09/24/90	269.66	253.94	15.72	--	--	ND	1.1	ND	ND	0.6	--
12/20/90	269.66	254.40	15.26	--	--	810	210	26	8.2	23	--
03/27/91	269.66	257.55	12.11	--	--	2,900	350	220	52	210	--
06/18/91	269.66	253.28	16.38	--	--	--	--	--	--	--	--
09/12/91	269.66	252.11	17.55	--	--	350	59	12	4.5	8.5	--
01/23/92	269.66	252.55	17.11	--	--	450	110	31	7.9	22	--

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-5607  
5269 Crow Canyon Road  
Castro Valley, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPHT Removed (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
<b>C-12 (cont)</b>											
04/13/92	269.66	255.26	14.40	--	--	5,000	1,100	76	100	200	--
08/03/92	269.66	253.83	15.83	--	--	520	200	21	13	25	--
10/22/92	269.66	253.52	16.14	--	--	1,300	310	66	35	56	--
01/18/93	269.66	257.96	11.70	--	--	5,600	1,200	430	220	610	--
04/19/93	269.66	256.61	13.05	--	--	2,000	600	99	96	170	--
07/21-22/93	269.66	256.82	12.84	--	--	540	95	36	18	56	--
10/25/93	269.66	255.63	14.03	--	--	350	90	29	20	50	--
01/21/94	269.66	255.51	14.15	--	--	450	73	18	14	37	--
04/18/94	269.66	256.71	12.95	--	--	370	70	21	12	39	--
07/06-07/94	269.66	257.35	12.31	--	--	840	200	35	28	66	--
10/07/94	269.66	256.31	13.35	--	--	830	85	29	17	63	--
01/11/95	269.66	258.43	11.23	--	--	2,100	570	190	98	390	--
04/24/95	269.66	259.34	10.32	--	--	820	120	28	23	61	--
07/31/95	269.66	256.92	12.74	--	--	520	79	13	16	42	--
10/02/95	269.66	255.26	14.40	--	--	400	50	5.3	11	29	--
01/16/96	269.66	256.94	12.72	--	--	1,900	490	32	60	120	<25
04/18/96	269.66	258.91	10.75	--	--	2,900	640	54	100	190	68
07/22/96	269.66	256.46	13.20	--	--	730	150	13	26	75	10
10/10/96	269.66	255.95	13.71	--	--	270	58	4.40	7.70	31	<2.5
01/09/97	269.66	260.60	9.06	--	--	2,900	550	67	94	300	63
04/15/97	269.66	258.13	11.53	--	--	2,500	350	29	92	200	43
07/08/97	269.66	257.92	11.74	--	--	1,400	190	17	54	120	21
10/22/97	269.66	258.78	10.88	--	--	2,300	490	45	110	340	42
01/12/98	269.66	260.76	8.90	--	--	5,000	840	89	220	610	<50
04/21/98	269.66	262.41	7.25	--	--	2,400	410	39	79	270	130
07/08/98	269.66	258.95	10.71	--	--	<50	7.6	<0.5	2.0	2.9	<2.5
10/13/98	269.66	257.01	12.65	--	--	2,600	460	34	120	240	11
01/27/99	269.66	257.41	12.25	--	--	96.9	6.88	<0.5	<0.5	<0.5	<2.0
04/27/99	269.66	259.46	10.20	--	--	2,720	614	32	128	300	<50
07/23/99	269.66	258.27	11.39	--	--	1,230	220	10	45	93.6	<20
11/01/99	269.66	257.13	12.53	--	--	70.7	10.7	1.02	<0.5	1.61	5.55

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
 Chevron Service Station #9-5607  
 5269 Crow Canyon Road  
 Castro Valley, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPHT		B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
					Removed (gallons)	TPH-G (ppb)					
<b>C-12 (cont)</b>											
01/20/00	269.66	257.85	11.81	--	--	1,390	301	10.7	29.9	90.8	<50
04/28-29/00	269.66	259.37	10.29	0.00	--	310 <sup>3</sup>	57	<0.50	11	6.8	15
07/21/00	269.66	258.67	10.99	0.00	--	260 <sup>3</sup>	74	1.5	<0.50	12	5.55
10/09-10/00	269.66	257.63	12.03	0.00	--	3,510 <sup>5</sup>	903	24.0	53.9	200	<100
01/08-09/01	269.66	257.70	11.96	0.00	--	1,600 <sup>7</sup>	319	<5.00	60.7	55.1	84.8
04/30/01	269.66	259.08	10.58	0.00	--	985 <sup>3</sup>	114	<2.50	26.4	14.6	<25.0
07/09-10/01	269.66	258.04	11.62	0.00	--	<50	6.5	<0.50	<0.50	<0.50	<2.5
10/10/01	269.66	257.60	12.06	0.00	--	8,700	720	15	430	250	<50
01/07/02	269.66	261.28	8.38	0.00	--	2,200	460	8.5	60	73	31
04/11/02	269.66	260.71	8.95	0.00	--	6,200	610	8.4	420	230	<25
07/11/02	269.66	259.95	9.71	0.00	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
10/30/02	269.66	258.38	11.28	0.00	--	240	40	0.88	0.58	1.6	<2.5
01/29/03	269.66	261.36	8.30	0.00	--	8,300	530	9.9	500	350	<50/<0.5 <sup>11</sup>
04/18/03	269.66	261.68	7.98	0.00	--	3,300	200	3.6	200	79	<10
<b>07/18/03<sup>14</sup></b>	<b>269.66</b>	<b>260.74</b>	<b>8.92</b>	<b>0.00</b>	<b>--</b>	<b>1,500</b>	<b>86</b>	<b>0.8</b>	<b>50</b>	<b>17</b>	<b>&lt;0.5</b>
<b>C-13</b>											
03/07/90	284.32	273.14	11.18	--	--	--	--	--	--	--	--
03/09/90	284.32	--	--	--	--	ND	15	3.7	1.0	6.2	--
06/12/90	284.32	273.62	10.70	--	--	ND	2.6	ND	ND	ND	--
09/24/90	284.32	272.72	11.60	--	--	ND	2.4	ND	ND	ND	--
12/20/90	284.32	274.16	10.16	--	--	ND	1.6	ND	ND	ND	--
03/27/91	284.32	276.68	7.64	--	--	--	--	--	--	--	--
06/18/91	284.32	273.00	11.32	--	--	--	--	--	--	--	--
09/12/91	284.32	272.48	11.84	--	--	ND	ND	ND	ND	ND	--
01/23/92	284.32	273.77	10.55	--	--	--	--	--	--	--	--
04/13/92	284.32	273.36	10.96	--	--	ND	1.0	ND	ND	ND	--
08/03/92	284.32	273.42	10.90	--	--	ND	ND	ND	ND	ND	--
10/22/92	284.32	273.14	11.18	--	--	--	--	--	--	--	--
01/18/93	284.32	276.92	7.40	--	--	290	54	10	5.4	12	--

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-5607  
5269 Crow Canyon Road  
Castro Valley, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPHT		B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
					Removed (gallons)	TPH-G (ppb)					
<b>C-13 (cont)</b>											
04/19/93	284.32	275.39	8.93	--	--	--	--	--	--	--	--
07/21-22/93	284.32	273.57	10.75	--	--	ND	ND	ND	ND	ND	--
10/25/93	284.32	273.47	10.85	--	--	--	--	--	--	--	--
01/21/94	284.32	273.27	11.05	--	--	ND	ND	ND	ND	ND	--
04/18/94	284.32	273.61	10.71	--	--	--	--	--	--	--	--
07/06-07/94	284.32	273.67	10.65	--	--	ND	0.5	ND	ND	ND	--
10/07/94	284.32	273.24	11.08	--	--	--	--	--	--	--	--
01/11/95	284.32	278.94	5.38	--	--	120	15	<0.5	3.1	2.7	--
04/24/95	284.32	276.54	7.78	--	--	SAMPLED SEMI-ANNUALLY		--	--	--	--
07/31/95	284.32	274.38	9.94	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/02/95	284.32	273.74	10.58	--	--	--	--	--	--	--	--
01/16/96	284.32	274.52	9.80	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/18/96	284.32	276.57	7.75	--	--	--	--	--	--	--	--
07/22/96	284.32	274.82	9.50	--	--	59	18	<0.5	1.0	<0.5	<2.5
10/10/96	284.32	273.63	10.69	--	--	--	--	--	--	--	--
01/09/97	284.32	276.95	7.37	--	--	<50	0.60	<0.5	<0.5	<0.5	<2.5
04/15/97	284.32	275.63	8.69	--	--	--	--	--	--	--	--
07/08/97	284.32	276.12	8.20	--	--	SAMPLES LOST		--	--	--	--
07/15/97	284.32	276.02	8.30	--	--	<50	2.6	<0.5	<0.5	1.6	<2.5
10/22/97	284.32	276.79	7.53	--	--	--	--	--	--	--	--
01/12/98	284.32	278.38	5.94	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/21/98	284.32	277.35	6.97	--	--	--	--	--	--	--	--
07/08/98	284.32	274.45	9.87	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
10/13/98	284.32	273.51	10.81	--	--	--	--	--	--	--	--
01/27/99	284.32	273.06	11.26	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0
04/27/99	284.32	275.42	8.90	--	--	--	--	--	--	--	--
07/23/99	284.32	275.00	9.32	--	--	158	14.9	<0.5	0.69	0.928	<5.0
11/01/99	284.32	272.83	11.49	--	--	--	--	--	--	--	--
01/20/00	284.32	274.23	10.09	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
04/28-29/00	284.32	275.43	8.89	0.00	--	SAMPLED SEMI-ANNUALLY		--	--	--	--
07/21/00	284.32	274.87	9.45	0.00	--	--	--	--	--	--	--

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-5607  
5269 Crow Canyon Road  
Castro Valley, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPHT						
					Removed (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
<b>C-13 (cont)</b>											
07/26/00	284.32	INACCESSIBLE	--	--	--	--	--	--	--	--	--
10/09-10/00	284.32	274.07	10.25	0.00	--	--	--	--	--	--	--
01/08-09/01	284.32	INACCESSIBLE	--	--	--	--	--	--	--	--	--
04/30/01	284.32	275.17	9.15	0.00	--	<50.0	0.925	<0.500	<0.500	<0.500	<5.00
07/09-10/01	284.32	274.72	9.60	0.00	--	<50	0.66	<0.50	<0.50	<0.50	<2.5
10/10/01	284.32	274.52	9.80	0.00	--	SAMPLED SEMI-ANNUALLY					--
01/07/02	284.32	276.47	7.85	0.00	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
04/11/02	284.32	276.11	8.21	0.00	--	--	--	--	--	--	--
07/11/02	284.32	275.54	8.78	0.00	--	<50	1.9	<0.50	<0.50	<1.5	<2.5
10/30/02	284.32	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--	--
01/29/03	284.32	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--	--
04/18/03	284.32	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--	--
07/18/03 <sup>14</sup>	284.32	274.99	9.33	0.00	--	830	31	2	6	7	<0.5
<b>C-14</b>											
03/07/90	270.74	255.56	15.18	--	--	--	--	--	--	--	--
03/09/90	270.74	--	--	--	--	ND	ND	ND	ND	ND	--
06/12/90	270.74	257.32	13.42	--	--	ND	ND	ND	ND	ND	--
09/24/90	270.74	257.90	12.84	--	--	ND	ND	ND	ND	ND	--
12/20/90	270.74	254.02	16.72	--	--	ND	1.7	0.7	ND	0.7	--
03/27/91	270.74	262.74	8.00	--	--	ND	ND	ND	ND	1.3	--
06/18/91	270.74	255.53	15.21	--	--	--	--	--	--	--	--
09/12/91	270.74	255.13	15.61	--	--	ND	ND	ND	ND	ND	--
01/23/92	270.74	246.10	24.64	--	--	--	--	--	--	--	--
04/13/92	270.74	258.53	12.21	--	--	ND	ND	ND	ND	ND	--
08/03/92	270.74	256.10	14.64	--	--	ND	ND	ND	ND	ND	--
10/22/92	270.74	253.80	16.94	--	--	--	--	--	--	--	--
01/18/93	270.74	265.64	5.10	--	--	ND	ND	ND	ND	ND	--
04/19/93	270.74	263.86	6.88	--	--	--	--	--	--	--	--
07/21-22/93	270.74	259.58	11.16	--	--	ND	ND	ND	ND	ND	--

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**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-5607  
5269 Crow Canyon Road  
Castro Valley, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPHT							
					Removed (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	
<b>C-14 (cont)</b>												
10/25/93	270.74	256.87	13.87	--	--	--	--	--	--	--	--	--
01/21/94	270.74	255.42	15.32	--	--	ND	ND	ND	ND	ND	--	--
04/18/94	270.74	254.85	15.89	--	--	--	--	--	--	--	--	--
07/06-07/94	270.74	258.66	12.08	--	--	ND	ND	ND	ND	ND	--	--
10/07/94	270.74	255.45	15.29	--	--	--	--	--	--	--	--	--
01/11/95	270.74	266.94	3.80	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
04/24/95	270.74	265.68	5.06	--	--	SAMPLED SEMI-ANNUALLY						
07/31/95	270.74	260.34	10.40	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/02/95	270.74	257.20	13.54	--	--	--	--	--	--	--	--	--
01/16/96	270.74	259.62	11.12	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
04/18/96	270.74	265.78	4.96	--	--	--	--	--	--	--	--	--
07/22/96	270.74	259.89	10.85	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
10/10/96	270.74	261.44	9.30	--	--	--	--	--	--	--	--	--
01/09/97	270.74	269.80	0.94	--	--	56	3.80	4.20	1.10	5.0	<2.5	--
04/15/97	270.74	263.59	7.15	--	--	--	--	--	--	--	--	--
07/08/97	270.74	261.44	9.30	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
10/22/97	270.74	261.17	9.57	--	--	--	--	--	--	--	--	--
01/12/98	270.74	268.45	2.29	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
04/21/98	270.74	270.70	0.04	--	--	--	--	--	--	--	--	--
07/08/98	270.74	264.85	5.89	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
10/13/98	270.74	260.38	10.36	--	--	--	--	--	--	--	--	--
01/27/99	270.74	263.42	7.32	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0	--
04/27/99	270.74	267.98	2.76	--	--	--	--	--	--	--	--	--
07/23/99	270.74	269.59	1.15	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
11/01/99	270.74	267.11	3.63	--	--	--	--	--	--	--	--	--
01/20/00	270.74	266.77	3.97	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
04/28-29/00	270.74	269.13	1.61	0.00	--	SAMPLED SEMI-ANNUALLY						
07/21/00	270.74	268.72	2.02	0.00	--	--	--	--	--	--	--	--
07/26/00	270.74	268.45	2.29	0.00	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--
10/09-10/00	270.74	267.39	3.35	0.00	--	--	--	--	--	--	--	--
01/08-09/01	270.74	266.72	4.02	0.00	--	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	--



**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-5607  
5269 Crow Canyon Road  
Castro Valley, California

WELL ID/ DATE	TOC ( <i>ft.</i> )	GWE ( <i>msl</i> )	DTW ( <i>ft.</i> )	SPHT ( <i>ft.</i> )	SPHT		B ( <i>ppb</i> )	T ( <i>ppb</i> )	E ( <i>ppb</i> )	X ( <i>ppb</i> )	MTBE ( <i>ppb</i> )
					Removed ( <i>gallons</i> )	TPH-G ( <i>ppb</i> )					
<b>C-14 (cont)</b>											
04/30/01	270.74	268.19	2.55	0.00	--	--	--	--	--	--	--
07/09-10/01	270.74	267.56	3.18	0.00	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
10/10/01	270.74	267.69	3.05	0.00	--	SAMPLED SEMI-ANNUALLY			--	--	--
01/07/02	270.74	270.71	0.03	0.00	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
04/11/02	270.74	267.49	3.25	0.00	--	--	--	--	--	--	--
NOT MONITORED/SAMPLED											
<b>C-15</b>											
03/07/90	246.15	235.05	11.10	--	--	--	--	--	--	--	--
03/09/90	246.15	--	--	--	--	410	ND	1.4	0.5	0.6	--
06/12/90	246.15	235.37	10.78	--	--	420	11	ND	ND	ND	--
09/24/90	246.15	235.22	10.93	--	--	430	ND	1.5	ND	ND	--
12/20/90	246.15	235.07	11.08	--	--	300	1.3	1.1	0.6	1.5	--
03/27/91	246.15	237.65	8.50	--	--	520	4.6	1.1	ND	1.0	--
06/18/91	246.15	235.32	10.83	--	--	290	ND	1.1	ND	ND	--
06/18/91 (D)	246.15	235.32	10.83	--	--	320	ND	1.3	ND	ND	--
09/12/91	246.15	235.10	11.05	--	--	330	ND	0.9	ND	ND	--
01/23/92	246.15	235.35	10.80	--	--	210	ND	0.6	ND	ND	--
01/23/92 (D)	246.15	235.35	10.80	--	--	190	1.2	0.8	ND	ND	--
04/13/92	246.15	236.57	9.58	--	--	430	1.8	ND	ND	ND	--
08/03/92	246.15	234.94	11.21	--	--	640	ND	2.1	0.7	1.3	--
10/22/92	246.15	234.50	11.65	--	--	420	ND	ND	ND	0.8	--
01/18/93	246.15	239.03	7.12	--	--	640	7.0	3.0	2.9	6.7	--
04/19/93	246.15	237.22	8.93	--	--	260	6.0	2.0	0.7	ND	--
07/21-22/93	246.15	236.37	9.78	--	--	580	ND	8.0	ND	0.6	--
10/25/93	246.15	236.41	9.74	--	--	240	ND	12	ND	0.6	--
01/21/94	246.15	235.78	10.37	--	--	420	0.6	ND	0.6	ND	--
04/18/94	246.15	236.19	9.96	--	--	550	1.0	4.6	0.6	ND	--
07/06-07/94	246.15	235.92	10.23	--	--	660	0.7	ND	ND	0.7	--
10/07/94	246.15	235.47	10.68	--	--	440	13	0.8	ND	1.2	--

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-5607  
5269 Crow Canyon Road  
Castro Valley, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPHT		B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
					Removed (gallons)	TPH-G (ppb)					
<b>C-15 (cont)</b>											
01/11/95	246.15	238.84	7.31	--	--	750	2.5	<0.5	<0.5	0.6	--
04/24/95	246.15	237.41	8.74	--	--	850	<0.5	<0.5	<0.5	<0.5	--
07/31/95	246.15	235.41	10.74	--	--	640	<0.5	1.6	<0.5	<0.5	--
10/02/95	246.15	234.83	11.32	--	--	560	<0.5	<0.5	<0.5	<0.5	--
01/16/96	246.15	235.58	10.57	--	--	740	<0.5	<0.5	<0.5	<0.5	<2.5
04/18/96	246.15	237.55	8.60	--	--	760	<0.5	<0.5	<0.5	<0.5	<2.5
07/22/96	246.15	235.57	10.58	--	--	690	<0.5	1.60	<0.5	<0.5	7.90
10/10/96	246.15	234.97	11.18	--	--	870	7.0	2.10	<0.5	<0.5	11
01/09/97	246.15	238.83	7.32	--	--	370	2.60	1.10	<0.5	<0.5	4.60
04/15/97	246.15	235.76	10.39	--	--	510	22	<0.5	<0.5	<0.5	<2.5
07/08/97	246.15	235.68	10.47	--	--	490	71	6.80	22	48	7.0
10/22/97	246.15	235.01	11.14	--	--	790	2.30	1.80	<0.5	<0.5	5.10
01/12/98	246.15	238.17	7.98	--	--	400	13	<1.0	<1.0	<1.0	<5.0
04/21/98	246.15	238.05	8.10	--	--	770	<0.5	0.6	0.82	0.51	<2.5
07/08/98	246.15	235.65	10.50	--	--	540	13	<0.5	<0.5	<0.5	<2.5
10/13/98	246.15	234.95	11.20	--	--	<50	<0.5	<0.5	<0.5	0.54	<2.5
01/27/99	246.15	235.53	10.62	--	--	769	<0.5	1.88	0.675	<0.5	4.35
04/27/99	246.15	236.91	9.24	--	--	612	2.57	1.79	<0.5	<0.5	<5.0
07/23/99	246.15	235.11	11.04	--	--	626	13.6	<0.5	<0.5	<0.5	<5.0
11/01/99	246.15	235.25	10.90	--	--	739	21.9	4.54	1.45	1.28	17.3
01/20/00 <sup>6</sup>	246.15	235.06	11.09	--	--	465	1.43	0.815	<0.5	<0.5	<5.0
04/28-29/00	246.15	235.85	10.30	0.00	--	470 <sup>3</sup>	2.9	3.2	<0.50	<0.50	8.0
07/21/00	246.15	235.19	10.96	0.00	--	610 <sup>3</sup>	2.1	3.5	<0.50	1.7	7.9
10/09-10/00	246.15	235.01	11.14	0.00	--	527 <sup>5</sup>	<0.500	<0.500	<0.500	<0.500	10.3
01/08-09/01	246.15	235.07	11.08	0.00	--	677 <sup>7</sup>	3.86	0.862	<0.500	<0.500	12.1
04/30/01	246.15	235.38	10.77	0.00	--	690 <sup>8</sup>	<1.00	<1.00	<1.00	<1.00	11.0
07/09-10/01	246.15	234.93	11.22	0.00	--	510 <sup>3</sup>	30	1.6	<0.50	1.2	11
10/10/01	246.15	234.83	11.32	0.00	--	780	1.7	<1.0	<0.50	<1.5	7.0
01/07/02	246.15	238.04	8.11	0.00	--	260	2.0	<0.50	<0.50	<1.5	4.4
04/11/02	246.15	236.86	9.29	0.00	--	470	1.9	<1.0	<0.50	<1.5	4.9
07/11/02	246.15	235.34	10.81	0.00	--	1,000	<2.0	4.6	<0.50	<1.5	6.3

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-5607  
5269 Crow Canyon Road  
Castro Valley, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPHT		B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
					Removed (gallons)	TPH-G (ppb)					
<b>C-15 (cont)</b>											
10/30/02	246.15	235.03	11.12	0.00	--	580	1.9	<1.0	<0.50	<1.5	8.2
01/29/03	246.15	237.44	8.71	0.00	--	250	0.88	0.95	<0.50	<1.5	2.7/2 <sup>11</sup>
04/18/03	246.15	240.09	6.06	0.00	--	360	1.2	1.4	<0.5	<1.5	4.9
07/18/03 <sup>14</sup>	246.15	235.46	10.69	0.00	--	350	<0.5	<0.5	<0.5	<0.5	5
<b>C-16</b>											
03/07/90	246.69	228.19	18.50	--	--	--	--	--	--	--	--
03/09/90	246.69	--	--	--	--	ND	ND	ND	ND	ND	--
06/12/90	246.69	235.27	11.42	--	--	ND	ND	ND	ND	ND	--
09/24/90	246.69	235.30	11.39	--	--	ND	ND	ND	ND	ND	--
12/20/90	246.69	235.12	11.57	--	--	ND	ND	ND	ND	0.7	--
03/27/91	246.69	237.93	8.76	--	--	ND	ND	ND	ND	1.3	--
03/27/91 (D)	246.69	237.93	8.76	--	--	ND	ND	ND	ND	1.2	--
06/18/91	246.69	235.51	11.18	--	--	ND	ND	ND	ND	ND	--
09/12/91	246.69	234.74	11.95	--	--	ND	ND	ND	ND	ND	--
01/23/92	246.69	234.28	12.41	--	--	ND	ND	ND	ND	ND	--
04/13/92	246.69	236.00	10.69	--	--	ND	ND	ND	ND	ND	--
08/03/92	246.69	234.49	12.20	--	--	ND	ND	ND	ND	ND	--
10/22/92	246.69	234.09	12.60	--	--	ND	ND	ND	ND	ND	--
01/18/93	246.69	237.69	9.00	--	--	ND	ND	ND	ND	ND	--
04/19/93	246.69	236.80	9.89	--	--	ND	ND	ND	ND	ND	--
07/21-22/93	246.69	236.44	10.25	--	--	ND	ND	ND	ND	ND	--
10/25/93	246.69	235.73	10.96	--	--	ND	ND	ND	ND	ND	--
01/21/94	246.69	234.93	11.76	--	--	ND	ND	0.7	ND	1.0	--
04/18/94	246.69	235.47	11.22	--	--	ND	ND	ND	ND	ND	--
07/06-07/94	246.69	235.32	11.37	--	--	ND	ND	ND	ND	ND	--
10/07/94	246.69	234.30	12.39	--	--	ND	ND	ND	ND	ND	--
01/11/95	246.69	237.73	8.96	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/24/95	246.69	236.31	10.38	--	--	<50	<0.5	<0.5	<0.5	<0.5	--

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-5607  
5269 Crow Canyon Road  
Castro Valley, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPHT		B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
					Removed (gallons)	TPH-G (ppb)					
<b>C-16 (cont)</b>											
07/31/95	246.69	235.37	11.32	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/02/95	246.69	234.29	12.40	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/16/96	246.69	235.15	11.54	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/18/96	246.69	236.09	10.60	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
07/22/96	246.69	235.12	11.57	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
10/10/96	246.69	234.25	12.44	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
01/09/97	246.69	237.16	9.53	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/15/97	246.69	234.66	12.03	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
07/08/97	246.69	234.51	12.18	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
10/22/97	246.69	233.94	12.75	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
01/12/98	246.69	236.34	10.35	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/21/98	246.69	236.06	10.63	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
07/08/98	246.69	234.62	12.07	--	--	<50	<0.5	0.51	<0.5	<0.5	<2.5
10/13/98	246.69	233.94	12.75	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
01/27/99	246.69	234.58	12.11	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0
04/27/99	246.69	235.56	11.13	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
07/23/99	246.69	234.35	12.34	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
11/01/99	246.69	233.57	13.12	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
01/20/00	246.69	233.84	12.85	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
04/28-29/00	246.69	234.49	12.20	0.00	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
07/21/00	246.69	234.03	12.66	0.00	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
10/09-10/00	246.69	233.80	12.89	0.00	--	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50
01/08-09/01	246.69	233.73	12.96	0.00	--	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50
04/30/01	246.69	235.95	10.74	0.00	--	724 <sup>B</sup>	<1.00	<1.00	<1.00	<1.00	<10.0
07/09-10/01	246.69	233.90	12.79	0.00	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
10/10/01	246.69	233.62	13.07	0.00	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
01/07/02	246.69	235.73	10.96	0.00	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
04/11/02	246.69	234.87	11.82	0.00	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
07/11/02	246.69	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--	--
10/30/02	246.69	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--	--

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-5607  
5269 Crow Canyon Road  
Castro Valley, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPHT						MTBE (ppb)
					Removed (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	
<b>C-16 (cont)</b>											
01/29/03	246.69	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--	--
04/18/03	246.69	235.04	11.65	0.00	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5
07/18/03	246.69	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--	--
<b>RW</b>											
12/04/89	--	--	--	--	--	62,000	29,000	1,700	1,800	8,800	--
03/07/90	274.52	256.02	18.50	--	--	--	--	--	--	--	--
06/12/90	274.52	256.03	18.49	--	--	31,000	15,000	2,000	560	3,100	--
09/24/90	274.52	--	--	--	--	--	--	--	--	--	--
12/20/90	274.52	--	--	--	--	ND	0.5	ND	ND	1.2	--
03/27/91	274.52	--	--	--	--	--	--	--	--	--	--
06/18/91	274.52	--	--	--	--	--	--	--	--	--	--
09/12/91	274.52	INSUFFICIENT WATER			--	--	--	--	--	--	--
01/23/92	274.52	INSUFFICIENT WATER			--	--	--	--	--	--	--
04/13/92	274.52	INSUFFICIENT WATER			--	--	--	--	--	--	--
08/03/92	274.52	INSUFFICIENT WATER			--	--	--	--	--	--	--
10/22/92	274.52	INSUFFICIENT WATER			--	--	--	--	--	--	--
01/18/93	274.52	INSUFFICIENT WATER			--	--	--	--	--	--	--
04/19/93	274.52	INSUFFICIENT WATER			--	--	--	--	--	--	--
07/21-22/93	274.52	INSUFFICIENT WATER			--	--	--	--	--	--	--
10/25/93	274.52	--	--	--	--	--	--	--	--	--	--
01/21/94	274.52	--	--	--	--	--	--	--	--	--	--
04/18/94	274.52	--	--	--	--	--	--	--	--	--	--
07/06-07/94	274.52	--	--	--	--	--	--	--	--	--	--
10/07/94	274.52	--	--	--	--	--	--	--	--	--	--
10/24/95	274.52	256.63	17.89	--	--	37,000	11,000	380	1,100	3,000	--
01/16/96	274.52	259.09	15.43	--	--	59,000	17,000	660	1,600	5,400	<1000
NOT MONITORED/SAMPLED											

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-5607  
5269 Crow Canyon Road  
Castro Valley, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPHT		B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
					Removed (gallons)	TPH-G (ppb)					
<b>TRIP BLANK</b>											
01/11/95	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/24/95	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/31/95	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/02/95	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/16/96	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/18/96	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/22/96	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/10/96	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/09/97	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/15/97	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
07/08/97	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
07/15/97	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
10/22/97	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
01/12/98	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/21/98	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
07/08/98	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
10/13/98	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
01/27/99	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0
04/27/99	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
07/23/99	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
11/01/99	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
01/20/00	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
04/28-29/00	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
07/21/00	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
07/26/00	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
10/09-10/00	--	--	--	--	--	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50
01/08-09/01	--	--	--	--	--	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50
04/30/01	--	--	--	--	--	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00
07/09-10/01	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-5607  
5269 Crow Canyon Road  
Castro Valley, California

WELL ID/ DATE	TOC ( <i>ft.</i> )	GWE ( <i>msl</i> )	DTW ( <i>ft.</i> )	SPHT ( <i>ft.</i> )	SPHT		B ( <i>ppb</i> )	T ( <i>ppb</i> )	E ( <i>ppb</i> )	X ( <i>ppb</i> )	MTBE ( <i>ppb</i> )
					Removed ( <i>gallons</i> )	TPH-G ( <i>ppb</i> )					
QA											
10/10/01	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
01/07/02	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
04/11/02	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
07/11/02	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
10/30/02	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
01/29/03	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
04/18/03	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5
07/18/03 <sup>14</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
 Chevron Service Station #9-5607  
 5269 Crow Canyon Road  
 Castro Valley, California

**EXPLANATIONS:**

Groundwater monitoring data and laboratory analytical results prior to April 28, 2000, were compiled from reports prepared by Blaine Tech Services, Inc.

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

\*\* GWE corrected for the presence of SPH, correction factor:  $[(TOC - DTW) + (SPHT \times 0.80)]$ .

- 1 Confirmation run.
- 2 Chromatogram pattern indicates an unidentified hydrocarbon.
- 3 Laboratory report indicates gasoline C6-C12.
- 4 Laboratory report indicates gasoline C6-C12 + unidentified hydrocarbons C6-C12.
- 5 Laboratory report indicates weathered gasoline C6-C12.
- 6 Insufficient Preservative to reduce sample pH to less than 2. Sample was analyzed within 14 days, but beyond the seventh day recommended for Benzene, Toluene, Xylenes and Ethylbenzene.
- 7 Laboratory report indicates weathered gasoline C6-C12 + unidentified hydrocarbons C6-C12.
- 8 Laboratory report indicates unidentified hydrocarbons C6-C12.
- 9 Pump in well.
- 10 Product + water removed.
- 11 MTBE by EPA Method 8260
- 12 Pump removed from well.
- 13 TOC altered; unable to determine GWE.
- 14 BTEX and MTBE by EPA Method 8260.



**Table 2**  
**Groundwater Analytical Results - Oxygenate Compounds**  
 Chevron Service Station #9-5607  
 5269 Crow Canyon Road  
 Castro Valley, California

WELL ID/ DATE	ETHANOL (ppb)	TBA (ppb)	MTBE (ppb)	DIPE (ppb)	ETBE (ppb)	TAME (ppb)	I,2-DCA (ppb)	EDB (ppb)
<b>C-1</b>								
10/13/98	<10,000	<2,000	<40	<40	<40	<40	--	--
01/29/03	--	110	2	<0.5	<0.5	<0.5	<0.5	<0.5
07/18/03	<50	26	2	<0.5	<0.5	<0.5	<0.5	<0.5
<b>C-2</b>								
01/29/03	--	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
07/18/03	SAMPLED ANNUALLY		--	--	--	--	--	--
<b>C-3</b>								
01/29/03	NOT SAMPLED DUE TO THE PRESENCE OF SPH			--	--	--	--	--
07/18/03	NOT SAMPLED DUE TO THE PRESENCE OF SPH			--	--	--	--	--
<b>C-5</b>								
01/29/03	--	<5	<0.5	3	<0.5	<0.5	<0.5	<0.5
07/18/03	SAMPLED ANNUALLY		--	--	--	--	--	--
<b>C-6</b>								
01/29/03	--	150	13	<5	<5	<5	<5	<5
07/18/03	<2,000	<200	<20	<20	<20	<20	<20	<20
<b>C-7</b>								
01/29/03	--	<5	<0.5	0.9	<0.5	<0.5	<0.5	<0.5
07/18/03	<50	<5	<0.5	2	<0.5	<0.5	<0.5	<0.5
<b>C-8</b>								
01/29/03	--	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
07/18/03	SAMPLED ANNUALLY		--	--	--	--	--	--

**Table 2**  
**Groundwater Analytical Results - Oxygenate Compounds**  
Chevron Service Station #9-5607  
5269 Crow Canyon Road  
Castro Valley, California

WELL ID/ DATE	ETHANOL (ppb)	TBA (ppb)	MTBE (ppb)	DIPE (ppb)	ETBE (ppb)	TAME (ppb)	1,2-DCA (ppb)	EDB (ppb)
<b>C-9</b>								
01/29/03	INACCESSIBLE - PUMP STUCK IN WELL			--	--	--	--	--
07/18/03	<130	29	<1	<1	<1	<1	<1	<1
<b>C-11</b>								
01/29/03	--	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
07/18/03	SAMPLED ANNUALLY		--	--	--	--	--	--
<b>C-12</b>								
01/29/03	--	7	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
07/18/03	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
<b>C-13</b>								
07/18/03	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
<b>C-15</b>								
01/29/03	--	8	2	<0.5	<0.5	<0.5	<0.5	<0.5
07/18/03	<50	28	5	<0.5	<0.5	<0.5	<0.5	<0.5

**Table 2**  
**Groundwater Analytical Results - Oxygenate Compounds**  
Chevron Service Station #9-5607  
5269 Crow Canyon Road  
Castro Valley, California

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**EXPLANATIONS:**

Groundwater laboratory analytical results prior to January 29, 2003, were compiled from reports prepared by Blaine Tech Services, Inc.

TBA = Tertiary butyl alcohol

MTBE = Methyl tertiary butyl ether

DIPE = Di-isopropyl ether

ETBE = Ethyl tertiary butyl ether

TAME = Tertiary amyl methyl ether

1,2-DCA = 1,2-Dichloroethane

EDB = Ethylene dibromide

(ppb) = Parts per billion

-- = Not Analyzed

SPH = Separate Phase Hydrocarbons

**ANALYTICAL METHOD:**

EPA Method 8260 for Oxygenate Compounds

## 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, if purging is to occur, 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 #9-5607 Job Number: 386539  
 Site Address: 5269 Crow Canyon Road Event Date: 7/18/03 (inclusive)  
 City: Castro Valley, CA Sampler: G. Rogari

Well ID: C-1 Date Monitored: 7/18/03 Well Condition: OK  
 Well Diameter: 4 in.  
 Total Depth: 43.28 ft.  
 Depth to Water: 17.57 ft.  
25.71 xVF 0.66 = 16.97 x3 (case volume) = Estimated Purge Volume: 51 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): 1154 Weather Conditions: Clean  
 Sample Time/Date: 1255 / 7/18/03 Water Color: Clean Odor: Yes  
 Purging Flow Rate: 0.16 gpm. Sediment Description: \_\_\_\_\_  
 Did well de-water? No If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (u mhos/cm)	Temperature (C/F)	D.O. (mg/L)	ORP (mV)
<u>1210</u>	<u>17</u>	<u>7.21</u>	<u>278</u>	<u>20.6</u>	_____	_____
<u>1225</u>	<u>34</u>	<u>7.17</u>	<u>271</u>	<u>20.9</u>	_____	_____
<u>1239</u>	<u>51</u>	<u>7.15</u>	<u>267</u>	<u>20.7</u>	_____	_____
_____	_____	_____	_____	_____	_____	_____

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>C-1</u>	<u>6</u> x voa vial	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-G(8015)/BTEX+MTBE(8260)/ 8 OXYS(8260)</u>
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

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

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

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



# GETTLER - RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-5607 Job Number: 386539  
 Site Address: 5269 Crow Canyon Road Event Date: 7/18/03 (inclusive)  
 City: Castro Valley, CA Sampler: G.R.

Well ID: C-3 Date Monitored: 7/18/03 Well Condition: OK  
 Well Diameter: 4 in.  
 Total Depth: 31.85 ft.  
 Depth to Water: 20.25 ft.

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 0.66 = \_\_\_\_\_ 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: 1305 (2400 hrs)  
 Time Bailed: 1340 (2400 hrs)  
 Depth to Product: 20.16 ft  
 Depth to Water: 20.25 ft  
 Hydrocarbon Thickness: 0.09 ft  
 Visual Confirmation/Description: Dirty  
(Gas-stain & Thickness noted 01)  
 Skimmer / Absorbent Sock (circle one)  
 Amt Removed from Skimmer: \_\_\_\_\_ gal  
 Amt Removed from Well: \_\_\_\_\_ gal  
 Product Transferred to: G/R yard

Start Time (purge): \_\_\_\_\_ Weather Conditions: \_\_\_\_\_  
 Sample Time/Date: 7/18/03 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
<u>C-3</u>	<u>6</u> x vov vial	YES	HCL	LANCASTER	TPH-G(8015)/BTX+MTBE(8260)/ 8 OXYS(8260)

COMMENTS: Not sampled due to presence of SPIT Approx. 200ml Product removed from well w/about 3 gals water

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



# GETTLER - RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-5607 Job Number: 386539  
 Site Address: 5269 Crow Canyon Road Event Date: 7/18/03 (inclusive)  
 City: Castro Valley, CA Sampler: G.R.

Well ID: C-6 Date Monitored: 7/18/03 Well Condition: OK

Well Diameter: 4 in.

Total Depth: 30.15 ft.

Depth to Water: 11.64 ft.

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

18.51 xVF 0.66 = 12.22 x3 (case volume) = Estimated Purge Volume: 36 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: 0 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): 1105 Weather Conditions: Clear

Sample Time/Date: 1145 / 7/18/03 Water Color: Clear Odor: FR

Purging Flow Rate: ~15 gpm. Sediment Description: \_\_\_\_\_

Did well de-water? NO If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (u mhos/cm)	Temperature (C)	D.O. (mg/L)	ORP (mV)
<u>1115</u>	<u>12</u>	<u>7.19</u>	<u>473</u>	<u>19.7</u>	_____	_____
<u>1124</u>	<u>24</u>	<u>7.16</u>	<u>458</u>	<u>19.9</u>	_____	_____
<u>1133</u>	<u>30</u>	<u>7.15</u>	<u>461</u>	<u>19.9</u>	_____	_____
_____	_____	_____	_____	_____	_____	_____

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>C-6</u>	<u>6</u> x voa vial	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-G(8015)/BTEX+MTBE(8260) 8 OXYS(8260)</u>
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

### COMMENTS:

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

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



# GETTLER - RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-5607 Job Number: 386539  
 Site Address: 5269 Crow Canyon Road Event Date: 7/18/03 (inclusive)  
 City: Castro Valley, CA Sampler: GR

Well ID: C-7 Date Monitored: 7/18/03 Well Condition: OK  
 Well Diameter: 2 in.  
 Total Depth: 26.60 ft. (New)  
 Depth to Water: 5.15 ft.  
 $21.45 \times VF \ 0.17 = 365$  x3 (case volume) = Estimated Purge Volume: 11 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: 0 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): 0610 Weather Conditions: Clear  
 Sample Time/Date: 0640 7/18/03 Water Color: Clear Odor: NO  
 Purging Flow Rate: = 1 gpm. Sediment Description: \_\_\_\_\_  
 Did well de-water? NO If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (C/F)	D.O. (mg/L)	ORP (mV)
<u>0621</u>	<u>4</u>	<u>7.04</u>	<u>943</u>	<u>19.4</u>	_____	_____
<u>0626</u>	<u>8</u>	<u>7.01</u>	<u>926</u>	<u>19.3</u>	_____	_____
<u>0630</u>	<u>11</u>	<u>7.02</u>	<u>931</u>	<u>19.3</u>	_____	_____
_____	_____	_____	_____	_____	_____	_____

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>C-7</u>	<u>6</u> x vob vial	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-G(8016)/BTEX+MTBE(8260)/ 8 OXYS(8260)</u>
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

COMMENTS: New well depth

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





# GETTLER-RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-5607 Job Number: 386539  
 Site Address: 5269 Crow Canyon Road Event Date: 7/18/03 (inclusive)  
 City: Castro Valley, CA Sampler: GR

Well ID: C-9 Date Monitored: 7/18/03 Well Condition: \*OK  
 Well Diameter: 4 in.  
 Total Depth: 27.80 ft.  
 Depth to Water: 10.22 ft.  
17.58 xVF 0.66 = 11.60 x3 (case volume) = Estimated Purge Volume: 35 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: 0 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): 0840 Weather Conditions: Clear  
 Sample Time/Date: 0930 7/18/03 Water Color: Clear Odor: Yes  
 Purging Flow Rate: 21 gpm. Sediment Description: \_\_\_\_\_  
 Did well de-water? No If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (°C)	D.O. (mg/L)	ORP (mV)
<u>0859</u>	<u>12</u>	<u>7.10</u>	<u>574</u>	<u>19.8</u>	_____	_____
<u>0913</u>	<u>24</u>	<u>7.10</u>	<u>558</u>	<u>19.9</u>	_____	_____
<u>0925</u>	<u>35</u>	<u>7.11</u>	<u>566</u>	<u>19.6</u>	_____	_____
_____	_____	_____	_____	_____	_____	_____

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>C-9</u>	<u>6</u> x vov vial	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-G(8015)/BTEX+MTBE(8260)/ 8 OXYS(8260)</u>
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

COMMENTS: \* Since last event, large metal vault has been replaced w/ cement pad and new well box. Has T.O.C been re-surveyed? (AD)

Add/Replaced Lock: ✓

Add/Replaced Plug: ✓

Size: 4"



# GETTLER-RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-5607 Job Number: 386539  
 Site Address: 5269 Crow Canyon Road Event Date: 7/18/03 (inclusive)  
 City: Castro Valley, CA Sampler: G. Ryan

Well ID: C-12 Date Monitored: 7/19/03 Well Condition: OK

Well Diameter: 3 in.

Total Depth: 29.45 ft.

Depth to Water: 8.92 ft.

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

2053 xVF 0.38 = 780 x3 (case volume) = Estimated Purge Volume: 24 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: 0 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): 0650 Weather Conditions: Clear

Sample Time/Date: 0730 7/18/03 Water Color: Clear Odor: No

Purging Flow Rate: 1 gpm. Sediment Description: \_\_\_\_\_

Did well de-water? No If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (C/F)	D.O. (mg/L)	ORP (mV)
<u>0704</u>	<u>8</u>	<u>7.16</u>	<u>488</u>	<u>19.3</u>	_____	_____
<u>0713</u>	<u>16</u>	<u>7.15</u>	<u>461</u>	<u>19.8</u>	_____	_____
<u>0722</u>	<u>24</u>	<u>7.11</u>	<u>467</u>	<u>19.7</u>	_____	_____
_____	_____	_____	_____	_____	_____	_____

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>C-12</u>	<u>6</u> x vov vial	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-G(8015)/BTEX+MTBE(8260)/ 8 OXYS(8260)</u>
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

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

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

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



# GETTLER - RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-5607 Job Number: 386539  
 Site Address: 5269 Crow Canyon Road Event Date: 7/18/03 (inclusive)  
 City: Castro Valley, CA Sampler: G. Lopez

Well ID: C-13 Date Monitored: 7/18/03 Well Condition: OK  
 Well Diameter: 3 in.  
 Total Depth: 28.45 ft. (New)  
 Depth to Water: 9.33 ft.  
19.12 xVF 0.38 = 7.27 x3 (case volume) = Estimated Purge Volume: 22 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: 0 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): 0745 Weather Conditions: Clear  
 Sample Time/Date: 0825 7/18/03 Water Color: Clear Odor: OK  
 Purging Flow Rate: \_\_\_\_\_ gpm. Sediment Description: \_\_\_\_\_  
 Did well de-water? No If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (u mhos/cm)	Temperature (°F)	D.O. (mg/L)	ORP (mV)
<u>0800</u>	<u>7</u>	<u>7.06</u>	<u>1078</u>	<u>19.5</u>	_____	_____
<u>0809</u>	<u>14</u>	<u>7.01</u>	<u>1067</u>	<u>19.7</u>	_____	_____
<u>0818</u>	<u>22</u>	<u>7.02</u>	<u>1071</u>	<u>19.7</u>	_____	_____
_____	_____	_____	_____	_____	_____	_____

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>C-13</u>	<u>6</u> x voa vial	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-G(8015)/BTEX+MTBE(8260)/ 8 OXYS(8260)</u>
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

COMMENTS: New well depth

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



# GETTLER - RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-5607 Job Number: 386539  
 Site Address: 5269 Crow Canyon Road Event Date: 7/18/03 (inclusive)  
 City: Castro Valley, CA Sampler: G. R.

Well ID: C-15 Date Monitored: 7/18/03 Well Condition: OK

Well Diameter: 3 in.

Total Depth: 19.62 ft.

Depth to Water: 10.69 ft.

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

8.96 xVF 0.38 = 340 x3 (case volume) = Estimated Purge Volume: 10 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): 0945 Weather Conditions: Clear  
 Sample Time/Date: 1050 7/18/03 Water Color: Clear Odor: NO  
 Purging Flow Rate: - gpm. Sediment Description: \_\_\_\_\_  
 Did well de-water? NO If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (C/F)	D.O. (mg/L)	ORP (mV)
<u>1000</u>	<u>3</u>	<u>6.94</u>	<u>968</u>	<u>19.1</u>	_____	_____
<u>1016</u>	<u>6</u>	<u>6.91</u>	<u>954</u>	<u>19.1</u>	_____	_____
<u>1033</u>	<u>10</u>	<u>6.92</u>	<u>951</u>	<u>19.0</u>	_____	_____
_____	_____	_____	_____	_____	_____	_____

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>C-15</u>	<u>6</u> x vva vial	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-G(8015)/BTEX+MTBE(8260)/ 8 OXYS(8260)</u>
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

### COMMENTS:

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

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

# Chevron California Region Analysis Request/Chain of Custody



For Lancaster Laboratories use only  
 Acct. #: 10904 Sample #: 4076083-40 Ser#: 860197

072103-001

Facility #: SS#9-5607 G-R#386539 Global ID#T0600100344  
 Site Address: 5269 CROW CANYON ROAD, CASTRO VALLEY, CA  
 Chevron PM: KS Lead Consultant: CAMBRIA  
 Consultant/Office: G-R, Inc., 6747 Sierra Court, Suite J, Dublin, Ca. 94568  
 Consultant Prj. Mgr.: Deanna L. Harding (deanna@grinc.com)  
 Consultant Phone #: 925-551-7555 Fax #: 925-551-7899  
 Sampler: G. Rogers  
 Service Order #: \_\_\_\_\_  Non SAR: \_\_\_\_\_

Matrix		Analyses Requested											
		Preservation Codes											
Soil	Water	Oil	Air	Total Number of Containers	A	H					H		
					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	BTEX + MTBE 8260 <input checked="" type="checkbox"/>	8021 <input type="checkbox"/>	TPH 8015 MOD GRO <input type="checkbox"/>	TPH 8015 MOD DRO <input type="checkbox"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	6	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	6	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	6	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	6	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	6	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	6	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

**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	8021	TPH 8015 MOD GRO	TPH 8015 MOD DRO	Silica Gel Cleanup	8260 full scan	Oxygenates (8260)	Lead 7420	7421	
QA	7/18/03				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	6	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
C-1		1255	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	6	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
C-6		1145	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	6	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
C-7		0640	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	6	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
C-9		0930	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	6	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
C-12		0730	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	6	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
C-13		0825	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	6	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
C-15	✓	1050	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	6	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

**Comments / Remarks**

**Turnaround Time Requested (TAT) (please circle)**  
 STD. TAT 24 hour  
 72 hour  
 48 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: <i>[Signature]</i>	Date: <u>7/18/03</u>	Time: _____	Received by: <i>[Signature]</i>	Date: <u>7/21/03</u>	Time: <u>1300</u>
Relinquished by: <i>[Signature]</i>	Date: <u>7/21/03</u>	Time: <u>1300</u>	Received by: <i>[Signature]</i>	Date: <u>7/21/03</u>	Time: <u>1300</u>
Relinquished by: <i>[Signature]</i>	Date: <u>7/21/03</u>	Time: <u>1530</u>	Received by: <i>[Signature]</i>	Date: <u>7/21/03</u>	Time: _____
Relinquished by Commercial Carrier: <i>[Signature]</i>	UPS      FedEx      Other: <u>Airborne</u>	Temperature Upon Receipt: <u>3.0 C</u>	Received by: <i>[Signature]</i>	Date: <u>7/21/03</u>	Time: <u>0900</u>
Custody Seals Intact? <u>Yes</u> No			0020		

*[Handwritten initials]*

**ANALYTICAL RESULTS**

Prepared for:

ChevronTexaco  
6001 Bollinger Canyon Rd L4310San 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 860197. Samples arrived at the laboratory on Tuesday, July 22, 2003. The PO# for this group is 99011184 and the release number is STREICH.

<u>Client Description</u>			<u>Lancaster Labs Number</u>
QA-T-030718	NA	Water	4086083
C-1-W-030718	Grab	Water	4086084
C-6-W-030718	Grab	Water	4086085
C-7-W-030718	Grab	Water	4086086
C-9-W-030718	Grab	Water	4086087
C-12-W-030718	Grab	Water	4086088
C-13-W-030718	Grab	Water	4086089
C-15-W-030718	Grab	Water	4086090

ELECTRONIC  
COPY TO  
1 COPY TOGettler-Ryan  
Cambria C/O Gettler- Ryan

Attn: Cheryl Hansen

Attn: Deanna L. Harding



# Analysis Report

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

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

Respectfully Submitted,

A handwritten signature in cursive script that reads "Robert E. Mellinger".

Robert E. Mellinger  
Senior Chemist, Coordinator

Lancaster Laboratories Sample No. **WW 4086083**

Collected: 07/18/2003 00:00

Account Number: 10904

Submitted: 07/22/2003 09:20

ChevronTexaco

Reported: 08/04/2003 at 08:37

6001 Bollinger Canyon Rd L4310

Discard: 09/04/2003

QA-T-030718

NA

Water

San Ramon CA 94583

Facility# 95607 Job# 386539

GRD

5269 Crow Canyon Castro V T0600100344 QA

TB344

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Units	Dilution Factor
				Method	Detection Limit		
01728	TPH-GRO - Waters 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.	n.a.	N.D.	50.		ug/l	1
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH						
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5		ug/l	1
05401	Benzene	71-43-2	N.D.	0.5		ug/l	1
05407	Toluene	108-88-3	N.D.	0.5		ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5		ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.5		ug/l	1

State of California Lab Certification No. 2116

### Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis		Analyst	Dilution Factor
				Date and Time			
01728	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	07/24/2003 02:19		Todd T Smythe	1
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	07/27/2003 23:50		Marc S Neal	1
01146	GC VOA Water Prep	SW-846 5030B	1	07/24/2003 02:19		Todd T Smythe	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	07/27/2003 23:50		Marc S Neal	n.a.



**Lancaster Laboratories Sample No. WW 4086084**

Collected: 07/18/2003 12:55 by GR

Account Number: 10904

 Submitted: 07/22/2003 09:20  
 Reported: 08/04/2003 at 08:37  
 Discard: 09/04/2003  
 C-1-W-030718

 ChevronTexaco  
 6001 Bollinger Canyon Rd L4310

Grab Water

San Ramon CA 94583

 Facility# 95607 Job# 386539 GRD  
 5269 Crow Canyon Castro V T0600100344 C-1

344C1

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Units	Dilution Factor
				Method	Detection Limit		
01728	TPH-GRO - Waters	n.a.	14,000.		1,000.	ug/l	20
	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.						
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH						
01587	Ethanol	64-17-5	N.D.		50.	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	2.		0.5	ug/l	1
02011	di-Isopropyl ether	108-20-3	N.D.		0.5	ug/l	1
02013	Ethyl t-butyl ether	637-92-3	N.D.		0.5	ug/l	1
02014	t-Amyl methyl ether	994-05-8	N.D.		0.5	ug/l	1
02015	t-Butyl alcohol	75-65-0	26.		5.	ug/l	5
05401	Benzene	71-43-2	970.		3.	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.		0.5	ug/l	1
05407	Toluene	108-88-3	150.		0.5	ug/l	1
05412	1,2-Dibromoethane	106-93-4	N.D.		0.5	ug/l	1
05415	Ethylbenzene	100-41-4	83.		0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	1,100.		3.	ug/l	5

State of California Lab Certification No. 2116

## Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis		Analyst	Dilution Factor
				Date	Time		
01728	TPH-GRO - Waters	N. CA LUFT Gasoline	1	07/24/2003	02:52	Todd T Smythe	20
01594	BTEX+5	SW-846 8260B	1	07/28/2003	11:11	Seth J Good	5
01594	Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	07/29/2003	21:45	John B Kiser	1
01146	BTEX+5	SW-846 5030B	1	07/24/2003	02:52	Todd T Smythe	n.a.
01163	GC VOA Water Prep	SW-846 5030B	1	07/29/2003	21:45	John B Kiser	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	2	07/28/2003	11:11	Seth J Good	n.a.

**Lancaster Laboratories Sample No. WW 4086085**

Collected: 07/18/2003 11:45 by GR

Account Number: 10904

Submitted: 07/22/2003 09:20

ChevronTexaco

Reported: 08/04/2003 at 08:37

6001 Bollinger Canyon Rd L4310

Discard: 09/04/2003

C-6-W-030718

Grab

Water

San Ramon CA 94583

Facility# 95607 Job# 386539

GRD

5269 Crow Canyon Castro V T0600100344 C-6

344C6

CAT No.	Analysis Name	CAS Number	As Received	As Received	Units	Dilution Factor
			Result	Method		
01728	TPH-GRO - Waters	n.a.	39,000.	Detection Limit 10,000.	ug/l	200
	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.					
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH					
01587	Ethanol	64-17-5	N.D.	2,000.	ug/l	40
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	20.	ug/l	40
02011	di-Isopropyl ether	108-20-3	N.D.	20.	ug/l	40
02013	Ethyl t-butyl ether	637-92-3	N.D.	20.	ug/l	40
02014	t-Amyl methyl ether	994-05-8	N.D.	20.	ug/l	40
02015	t-Butyl alcohol	75-65-0	N.D.	200.	ug/l	40
05401	Benzene	71-43-2	14,000.	100.	ug/l	200
05402	1,2-Dichloroethane	107-06-2	N.D.	20.	ug/l	40
05407	Toluene	108-88-3	170.	20.	ug/l	40
05412	1,2-Dibromoethane	106-93-4	N.D.	20.	ug/l	40
05415	Ethylbenzene	100-41-4	46.	20.	ug/l	40
06310	Xylene (Total)	1330-20-7	1,300.	20.	ug/l	40

The reporting limits for the GC/MS volatile compounds were raised because sample dilution was necessary to bring target compounds into the calibration range of the system.

State of California Lab Certification No. 2116

### Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis	Analyst	Dilution Factor
				Date and Time		
01728	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	07/23/2003 13:20	Michael F Barrow	200
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	07/28/2003 12:04	Seth J Good	40
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	07/28/2003 12:30	Seth J Good	200
01146	GC VOA Water Prep	SW-846 5030B	1	07/23/2003 13:20	Michael F Barrow	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	07/28/2003 12:04	Seth J Good	n.a.

**Lancaster Laboratories Sample No. WW 4086086**

Collected: 07/18/2003 06:40 by GR

Account Number: 10904

Submitted: 07/22/2003 09:20

ChevronTexaco

Reported: 08/04/2003 at 08:37

6001 Bollinger Canyon Rd L4310

Discard: 09/04/2003

C-7-W-030718

Grab

Water

San Ramon CA 94583

Facility# 95607 Job# 386539

GRD

5269 Crow Canyon Castro V T0600100344 C-7

344C7

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	220.	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.					
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH					
01587	Ethanol	64-17-5	N.D.	50.	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
02011	di-Isopropyl ether	108-20-3	2.	0.5	ug/l	1
02013	Ethyl t-butyl ether	637-92-3	N.D.	0.5	ug/l	1
02014	t-Amyl methyl ether	994-05-8	N.D.	0.5	ug/l	1
02015	t-Butyl alcohol	75-65-0	N.D.	5.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.5	ug/l	1
05412	1,2-Dibromoethane	106-93-4	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.5	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
01728	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	07/23/2003 13:52	Michael F Barrow	1
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	07/28/2003 12:55	Seth J Good	1
01146	GC VOA Water Prep	SW-846 5030B	1	07/23/2003 13:52	Michael F Barrow	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	07/28/2003 12:55	Seth J Good	n.a.

**Lancaster Laboratories Sample No. WW 4086087**

Collected: 07/18/2003 09:30

by GR

Account Number: 10904

Submitted: 07/22/2003 09:20

ChevronTexaco

Reported: 08/04/2003 at 08:37

6001 Bollinger Canyon Rd L4310

Discard: 09/04/2003

C-9-W-030718

Grab

Water

San Ramon CA 94583

Facility# 95607 Job# 386539

GRD

5269 Crow Canyon Castro V T0600100344 C-9

344C9

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Units	Dilution Factor
				Method	Detection Limit		
01728	TPH-GRO - Waters	n.a.	12,000.		1,000.	ug/l	20
	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.						
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH						
01587	Ethanol	64-17-5	N.D.		130.	ug/l	2.5
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.		1.	ug/l	2.5
02011	di-Isopropyl ether	108-20-3	N.D.		1.	ug/l	2.5
02013	Ethyl t-butyl ether	637-92-3	N.D.		1.	ug/l	2.5
02014	t-Amyl methyl ether	994-05-8	N.D.		1.	ug/l	2.5
02015	t-Butyl alcohol	75-65-0	29.		13.	ug/l	2.5
05401	Benzene	71-43-2	1,900.		13.	ug/l	25
05402	1,2-Dichloroethane	107-06-2	N.D.		1.	ug/l	2.5
05407	Toluene	108-88-3	110.		1.	ug/l	2.5
05412	1,2-Dibromoethane	106-93-4	N.D.		1.	ug/l	2.5
05415	Ethylbenzene	100-41-4	670.		13.	ug/l	25
06310	Xylene (Total)	1330-20-7	520.		1.	ug/l	2.5
	The reporting limits for the GC/MS volatile compounds were raised because sample dilution was necessary to bring target compounds into the calibration range of the system.						

State of California Lab Certification No. 2116

### Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis		Analyst	Dilution Factor
				Date and Time			
01728	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	07/23/2003	14:25	Michael F Barrow	20
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	07/28/2003	13:21	Seth J Good	2.5
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	07/28/2003	13:47	Seth J Good	25
01146	GC VOA Water Prep	SW-846 5030B	1	07/23/2003	14:25	Michael F Barrow	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	07/28/2003	13:21	Seth J Good	n.a.

**Lancaster Laboratories Sample No. WW 4086088**

Collected: 07/18/2003 07:30 by GR

Account Number: 10904

Submitted: 07/22/2003 09:20

ChevronTexaco

Reported: 08/04/2003 at 08:38

6001 Bollinger Canyon Rd L4310

Discard: 09/04/2003

C-12-W-030718

Grab Water

San Ramon CA 94583

Facility# 95607 Job# 386539 GRD

5269 Crow Canyon Castro V T0600100344 C-12

34412

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Dilution Factor
				Method	Detection Limit	
01728	TPH-GRO - Waters	n.a.	1,500.	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.					
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH					
01587	Ethanol	64-17-5	N.D.	50.	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
02011	di-Isopropyl ether	108-20-3	N.D.	0.5	ug/l	1
02013	Ethyl t-butyl ether	637-92-3	N.D.	0.5	ug/l	1
02014	t-Amyl methyl ether	994-05-8	N.D.	0.5	ug/l	1
02015	t-Butyl alcohol	75-65-0	N.D.	5.	ug/l	1
05401	Benzene	71-43-2	86.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	0.8	0.5	ug/l	1
05412	1,2-Dibromoethane	106-93-4	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	50.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	17.	0.5	ug/l	1

State of California Lab Certification No. 2116

### Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis		Analyst	Dilution Factor
				Date and Time			
01728	TPH-GRO - Waters	N. CA LUFT Gasoline	1	07/23/2003 14:57		Michael F Barrow	5
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	07/28/2003 14:14		Seth J Good	1
01146	GC VOA Water Prep	SW-846 5030B	1	07/23/2003 14:57		Michael F Barrow	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	07/28/2003 14:14		Seth J Good	n.a.

**Lancaster Laboratories Sample No. WW 4086089**

Collected: 07/18/2003 08:25 by GR

Account Number: 10904

Submitted: 07/22/2003 09:20

ChevronTexaco

Reported: 08/04/2003 at 08:38

6001 Bollinger Canyon Rd L4310

Discard: 09/04/2003

C-13-W-030718

Grab

Water

San Ramon CA 94583

Facility# 95607 Job# 386539

GRD

5269 Crow Canyon Castro V T0600100344 C-13

34413

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Units	Dilution Factor
				Method	Detection Limit		
01728	TPH-GRO - Waters	n.a.	830.	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.						
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH						
01587	Ethanol	64-17-5	N.D.	50.		ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5		ug/l	1
02011	di-Isopropyl ether	108-20-3	N.D.	0.5		ug/l	1
02013	Ethyl t-butyl ether	637-92-3	N.D.	0.5		ug/l	1
02014	t-Amyl methyl ether	994-05-8	N.D.	0.5		ug/l	1
02015	t-Butyl alcohol	75-65-0	N.D.	5.		ug/l	1
05401	Benzene	71-43-2	31.	0.5		ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	0.5		ug/l	1
05407	Toluene	108-88-3	2.	0.5		ug/l	1
05412	1,2-Dibromoethane	106-93-4	N.D.	0.5		ug/l	1
05415	Ethylbenzene	100-41-4	6.	0.5		ug/l	1
06310	Xylene (Total)	1330-20-7	7.	0.5		ug/l	1

State of California Lab Certification No. 2116

### Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis		Analyst	Dilution Factor
				Date and Time			
01728	TPH-GRO - Waters	N. CA LUFT Gasoline	1	07/23/2003	15:30	Michael F Barrow	1
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	07/28/2003	15:06	Seth J Good	1
01146	GC VOA Water Prep	SW-846 5030B	1	07/23/2003	15:30	Michael F Barrow	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	07/28/2003	15:06	Seth J Good	n.a.

Lancaster Laboratories Sample No. **WW 4086090**

Collected: 07/18/2003 10:50 by GR

Account Number: 10904

 Submitted: 07/22/2003 09:20  
 Reported: 08/04/2003 at 08:38  
 Discard: 09/04/2003  
 C-15-W-030718

 ChevronTexaco  
 6001 Bollinger Canyon Rd L4310

Grab Water

San Ramon CA 94583

 Facility# 95607 Job# 386539  
 5269 Crow Canyon Castro V T0600100344 C-15

GRD

34415

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Units	Dilution Factor
				Method	Detection Limit		
01728	TPH-GRO - Waters	n.a.	350.		100.	ug/l	2
	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.						
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH						
01587	Ethanol	64-17-5	N.D.		50.	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	5.		0.5	ug/l	1
02011	di-Isopropyl ether	108-20-3	N.D.		0.5	ug/l	1
02013	Ethyl t-butyl ether	637-92-3	N.D.		0.5	ug/l	1
02014	t-Amyl methyl ether	994-05-8	N.D.		0.5	ug/l	1
02015	t-Butyl alcohol	75-65-0	28.		5.	ug/l	1
05401	Benzene	71-43-2	N.D.		0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.		0.5	ug/l	1
05407	Toluene	108-88-3	N.D.		0.5	ug/l	1
05412	1,2-Dibromoethane	106-93-4	N.D.		0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.		0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.		0.5	ug/l	1

State of California Lab Certification No. 2116

## Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
01728	TPH-GRO - Waters	N. CA LUFT Gasoline	1	07/23/2003 16:03	Michael F Barrow	2
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	07/28/2003 15:32	Seth J Good	1
01146	GC VOA Water Prep	SW-846 5030B	1	07/23/2003 16:03	Michael F Barrow	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	07/28/2003 15:32	Seth J Good	n.a.

## Quality Control Summary

Client Name: ChevronTexaco

Group Number: 860197

Reported: 08/04/03 at 08:38 AM

### 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>LCSD %REC</u>	<u>LCS/LCSD Limits</u>	<u>RPD</u>	<u>RPD Max</u>
Batch number: 03204A07B TPH-GRO - Waters	Sample number(s): 4086085-4086090							
	N.D.	50.	ug/l	96		70-130		
Batch number: 03205A07A TPH-GRO - Waters	Sample number(s): 4086083-4086084							
	N.D.	50.	ug/l	103		70-130		
Batch number: P032081AA Methyl Tertiary Butyl Ether	Sample number(s): 4086083							
Benzene	N.D.	0.5	ug/l	99		77-127		
Toluene	N.D.	0.5	ug/l	98		85-117		
Ethylbenzene	N.D.	0.5	ug/l	95		85-115		
Xylene (Total)	N.D.	0.5	ug/l	96		82-119		
	N.D.	0.5	ug/l	95		84-120		
Batch number: P032091AA Ethanol	Sample number(s): 4086084-4086090							
Methyl Tertiary Butyl Ether	N.D.	50.	ug/l	95		43-159		
di-Isopropyl ether	N.D.	0.5	ug/l	98		77-127		
Ethyl t-butyl ether	N.D.	0.5	ug/l	103		74-125		
t-Amyl methyl ether	N.D.	0.5	ug/l	103		74-120		
t-Butyl alcohol	N.D.	0.5	ug/l	96		79-113		
Benzene	N.D.	5.	ug/l	94		53-147		
1,2-Dichloroethane	N.D.	0.5	ug/l	99		85-117		
Toluene	N.D.	0.5	ug/l	102		77-132		
1,2-Dibromoethane	N.D.	0.5	ug/l	94		85-115		
Ethylbenzene	N.D.	0.5	ug/l	94		81-114		
Xylene (Total)	N.D.	0.5	ug/l	94		82-119		
	N.D.	0.5	ug/l	96		84-120		
Batch number: P032091AB Ethanol	Sample number(s): 4086084							
Methyl Tertiary Butyl Ether	N.D.	50.	ug/l	95		43-159		
di-Isopropyl ether	N.D.	0.5	ug/l	98		77-127		
Ethyl t-butyl ether	N.D.	0.5	ug/l	103		74-125		
t-Amyl methyl ether	N.D.	0.5	ug/l	103		74-120		
t-Butyl alcohol	N.D.	0.5	ug/l	96		79-113		
1,2-Dichloroethane	N.D.	5.	ug/l	94		53-147		
Toluene	N.D.	0.5	ug/l	102		77-132		
1,2-Dibromoethane	N.D.	0.5	ug/l	94		85-115		
Ethylbenzene	N.D.	0.5	ug/l	94		81-114		
	N.D.	0.5	ug/l	94		82-119		

### 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</u>	<u>DUP</u>	<u>DUP</u>	<u>Dup RPD</u>	<u>Dup RPD Max</u>
Batch number: 03204A07B TPH-GRO - Waters	Sample number(s): 4086085-4086090								
	92	95	70-130	2	30				
Batch number: 03205A07A TPH-GRO - Waters	Sample number(s): 4086083-4086084								
	93	93	70-130	0	30				
Batch number: P032081AA Methyl Tertiary Butyl Ether	Sample number(s): 4086083								
Benzene	101	104	69-134	2	30				
	106	107	83-128	1	30				

\*- 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: 08/04/03 at 08:38 AM

Group Number: 860197

### Sample Matrix Quality Control

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD RPD	BKG MAX	DUP Conc	DUP Conc	DUP RPD	Dup RPD Max
Toluene	97	103	83-127	6	30				
Ethylbenzene	103	104	82-134	1	30				
Xylene (Total)	102	102	82-130	0	30				

Batch number: P032091AA      Sample number(s): 4086084-4086090

Ethanol	125	113	34-163	11	30
Methyl Tertiary Butyl Ether	103	100	69-134	3	30
di-Isopropyl ether	109	109	75-130	0	30
Ethyl t-butyl ether	108	106	73-123	1	30
t-Amyl methyl ether	101	100	77-117	1	30
t-Butyl alcohol	102	103	39-155	1	30
Benzene	108	107	83-128	1	30
1,2-Dichloroethane	112	109	73-136	2	30
Toluene	102	100	83-127	2	30
1,2-Dibromoethane	99	97	78-120	2	30
Ethylbenzene	103	101	82-134	1	30
Xylene (Total)	102	100	82-130	2	30

Batch number: P032091AB      Sample number(s): 4086084

Ethanol	125	113	34-163	11	30
Methyl Tertiary Butyl Ether	103	100	69-134	3	30
di-Isopropyl ether	109	109	75-130	0	30
Ethyl t-butyl ether	108	106	73-123	1	30
t-Amyl methyl ether	101	100	77-117	1	30
t-Butyl alcohol	102	103	39-155	1	30
1,2-Dichloroethane	112	109	73-136	2	30
Toluene	102	100	83-127	2	30
1,2-Dibromoethane	99	97	78-120	2	30
Ethylbenzene	103	101	82-134	1	30

### Surrogate Quality Control

Analysis Name: TPH-GRO - Waters  
Batch number: 03204A07B  
Trifluorotoluene-F

4086085	83
4086086	103
4086087	89
4086088	90
4086089	113
4086090	93
Blank	79
LCS	101
MS	103
MSD	104

Limits: 57-146

Analysis Name: TPH-GRO - Waters  
Batch number: 03205A07A  
Trifluorotoluene-F

\*- 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: 08/04/03 at 08:38 AM

Group Number: 860197

### Surrogate Quality Control

4086083	82
4086084	94
Blank	81
LCS	102
MS	126
MSD	126

Limits: 57-146

Analysis Name: BTEX+5 Oxygenates+EDC+EDB+ETOH

Batch number: P032081AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4086083	92	94	90	88
Blank	92	92	90	88
LCS	91	100	90	89
MS	91	95	85	88
MSD	91	96	91	88

Limits: 81-120

82-112

85-112

83-113

Analysis Name: BTEX+5 Oxygenates+EDC+EDB+ETOH

Batch number: P032091AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4086085	91	92	91	85
4086086	92	95	91	89
4086087	92	96	88	86
4086088	92	89	89	85
4086089	93	91	90	88
4086090	94	94	90	85
Blank	91	91	90	89
LCS	91	92	88	87
MS	92	91	90	84
MSD	92	92	88	83

Limits: 81-120

82-112

85-112

83-113

Analysis Name: BTEX+5 Oxygenates+EDC+EDB+ETOH

Batch number: P032091AB

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4086084	91	95	89	89
Blank	94	102	89	84
LCS	91	92	88	87
MS	92	91	90	84
MSD	92	92	88	83

Limits: 81-120

82-112

85-112

83-113

\*- 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.

# Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

<b>N.D.</b>	none detected	<b>BMQL</b>	Below Minimum Quantitation Level
<b>TNTC</b>	Too Numerous To Count	<b>MPN</b>	Most Probable Number
<b>IU</b>	International Units	<b>CP Units</b>	cobalt-chloroplatinate units
<b>umhos/cm</b>	micromhos/cm	<b>NTU</b>	nephelometric turbidity units
<b>C</b>	degrees Celsius	<b>F</b>	degrees Fahrenheit
<b>meq</b>	milliequivalents	<b>lb.</b>	pound(s)
<b>g</b>	gram(s)	<b>kg</b>	kilogram(s)
<b>ug</b>	microgram(s)	<b>mg</b>	milligram(s)
<b>ml</b>	milliliter(s)	<b>l</b>	liter(s)
<b>m3</b>	cubic meter(s)	<b>ul</b>	microliter(s)

**<** less than - The number following the sign is the limit of quantitation, the smallest amount of analyte which can be reliably determined using this specific test.

**>** greater than

**J** estimated value – The result falls within the Method Detection Limit (MDL) and Limit of Quantitation (LOQ).

**ppm** parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.

**ppb** parts per billion

**Dry weight basis** Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.

## U.S. EPA CLP Data Qualifiers:

### Organic Qualifiers

<b>A</b>	TIC is a possible aldol-condensation product
<b>B</b>	Analyte was also detected in the blank
<b>C</b>	Pesticide result confirmed by GC/MS
<b>D</b>	Compound quantitated on a diluted sample
<b>E</b>	Concentration exceeds the calibration range of the instrument
<b>N</b>	Presumptive evidence of a compound (TICs only)
<b>P</b>	Concentration difference between primary and confirmation columns >25%
<b>U</b>	Compound was not detected
<b>X,Y,Z</b>	Defined in case narrative

### Inorganic Qualifiers

<b>B</b>	Value is <CRDL, but ≥IDL
<b>E</b>	Estimated due to interference
<b>M</b>	Duplicate injection precision not met
<b>N</b>	Spike sample not within control limits
<b>S</b>	Method of standard additions (MSA) used for calculation
<b>U</b>	Compound was not detected
<b>W</b>	Post digestion spike out of control limits
<b>*</b>	Duplicate analysis not within control limits
<b>+</b>	Correlation coefficient for MSA <0.995

Analytical test results for methods listed on the laboratories' accreditation scope meet all requirements of NELAC unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

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