



# GETTLER-RYAN INC.

## TRANSMITTAL

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2:01 pm, Aug 11, 2008

Alameda County  
Environmental Health

August 8, 2008

G-R #386539

TO: Ms. Charlotte Evans  
Conestoga-Rovers & Associates  
5900 Hollis Street, Suite A  
Emeryville, California 94608

CC: Mr. Ian Robb  
Chevron EMC  
6111 Bollinger Canyon Road  
Room 3612  
San Ramon, California 94583  
**(VIA PDF)**

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**  
**RO 0000350**  
RWQCB-Case No. 01-0375

WE HAVE ENCLOSED THE FOLLOWING:

COPIES	DATED	DESCRIPTION
1	August 5, 2008	Groundwater Monitoring and Sampling Report Third Quarter Event of July 9, 2008

### COMMENTS:

Pursuant to your request, we are providing you with a copy of the above referenced report for **your use and distribution to the following (via PDF):**

Mr. Steven Plunkett, Alameda County Health Care Services, Dept. of Environmental Health, 1131 Harbor Bay Parkway, Suite 250, Alameda, CA 94502-6577 **(Distributed by Conestoga-Rovers via PDF)**

Please provide any comments/changes and propose any groundwater monitoring modifications for the next event prior to **August 22, 2008**, at which time this final report will be distributed to the following:

cc: Mr. Chuck Headlee, RWQCB - San Francisco Bay Region, 1515 Clay Street, Suite 1400, Oakland, CA 94612 **(No Hard Copy)**  
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

Enclosures



Ian Robb  
Project Manager  
Marketing Business Unit

**Chevron Environmental  
Management Company**  
6001 Bollinger Canyon Road  
San Ramon, CA 94583  
Tel (925) 842-9496  
Fax (925) 842-8370  
ianrobb@chevron.com

August 8, 2008

Alameda County Health Care Services  
1131 Harbor Bay Parkway, Suite 250  
Alameda, CA 94502-6577

RE: Chevron Service Station # -9-5607

Address 5269 Crow Canyon Road, Castro Valley, California

I have reviewed the attached routine groundwater monitoring report dated August 8, 2008.

I agree with the conclusions and recommendations presented in the referenced report. The information in this report is accurate to the best of my knowledge and all local Agency/Regional Board guidelines have been followed. This report was prepared by Gettler-Ryan Inc., upon whose assistance and advice I have relied.

This letter is submitted pursuant to the requirements of California Water Code section 13267(b) (1) and the regulating implementation entitled Appendix A pertaining thereto.

I declare under penalty of perjury that the foregoing is true and correct.

Sincerely,

A handwritten signature in black ink, appearing to read "I. Robb", written over a horizontal line.

Ian Robb

Attachment: Report

## WELL CONDITION STATUS SHEET

Client/Facility #: Chevron #9-5607  
 Site Address: 5269 Crow Canyon Road  
 City: Castro Valley, CA

Job # 386539  
 Event Date: 7/9/08  
 Sampler: SH

WELL ID	Vault Frame Condition	Gasket/O-Ring (M)missing	BOLTS (M) Missing (R) Replaced	Bolt Flanges B= Broken S= Stripped R=Retap	APRON Condition C=Cracked B=Broken G=Gone	Grout Seal (Deficient) inches from TOC	Casing (Condition prevents tight cap seal)	REPLACE LOCK Y/N	REPLACE CAP Y/N	WELL VAULT Manufacture/Size/ # of Bolts	Pictures Taken Yes / No
C-13	→	→	N/A	→	OK	→	→	N	N	CHRISTY	N
C-6	OK	N/A	→	→	→	→	OK	N	N	IRRAJETA Box	N
C-15	OK	N/A	→	→	OK	→	→	N	N	Stone Pipe	N
C-91	OK	N/A	→	→	OK	→	→	N	N	CHRISTY	N
C-9	OK	→	→	→	→	→	→	N	N	12" Mosepisa	N

Comments \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

## WELL CONDITION STATUS SHEET

Client/Facility #: Chevron #9-5607  
 Site Address: 5269 Crow Canyon Road  
 City: Castro Valley, CA

Job # 386539  
 Event Date: 7-9-08  
 Sampler: AK

WELL ID	Vault Frame Condition	Gasket/O-Ring (M)missing	BOLTS (M) Missing (R) Replaced	Bolt Flanges B= Broken S= Stripped R=Retap	APRON Condition C=Cracked B=Broken G=Gone	Grout Seal (Deficient) inches from TOC	Casing (Condition prevents tight cap seal)	REPLACE LOCK Y/N	REPLACE CAP Y/N	WELL VAULT Manufacture/Size/ # of Bolts	Pictures Taken Yes / No
C-7	OK	OK	OK	S	OK	OK	OK	N	N	12" Emco	N
C-12	OK	OK	OK	OK	OK	OK	OK	N	N	8" CARSON Irrigation	↓
C-1	OK	OK	OK	OK	OK	OK	OK	N	N	12" Christy	
C-3	OK	OK	OK	OK	OK	OK	OK	N	N	12" Christy	

Comments \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_



# GETTLER - RYAN INC.

August 5, 2008  
G-R Job #386539

Mr. Ian Robb  
Chevron Environmental Management Company  
6111 Bollinger Canyon Road, Room 3612  
San Ramon, CA 94583

**RE: Third Quarter Event of July 9, 2008**  
Groundwater Monitoring & Sampling Report  
Chevron Service Station #9-5607  
5269 Crow Canyon Road  
Castro Valley, California

Dear Mr. Robb:

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. All groundwater and decontamination water generated during sampling activities was removed from the site, per the Standard Operating Procedure.

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

Sincerely,

Deanna L. Harding  
Project Coordinator

Douglas J. Lee  
Senior Geologist, P.G. No. 6882

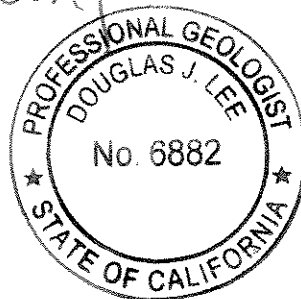
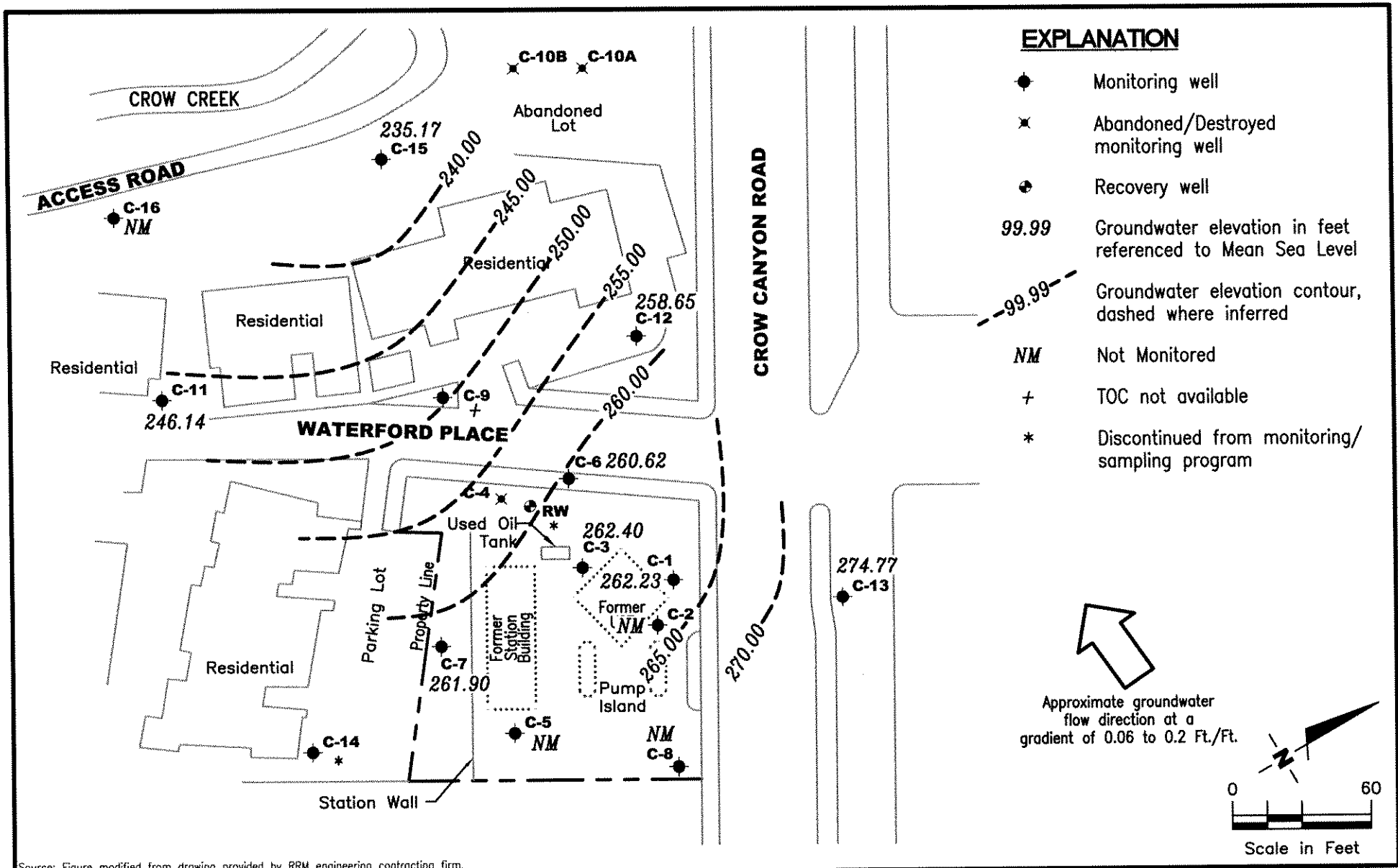


Figure 1: Potentiometric Map  
Table 1: Groundwater Monitoring Data and Analytical Results  
Table 2: Groundwater Analytical Results - Oxygenate Compounds  
Attachments: Standard Operating Procedure - Groundwater Sampling  
Field Data Sheets  
Chain of Custody Document and Laboratory Analytical Reports



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

**GETTLER - RYAN INC.**  
 6747 Sierra Court, 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 9, 2008

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.)	SPH							
					Removed (gallons)	TPH-G (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	
C-1												
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	--	--

**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.)	SPH						
					Removed (gallons)	TPH-G (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
<b>C-1 (cont)</b>											
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	--
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



**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.)	SPH						
					Removed (gallons)	TPH-G (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
<b>C-1 (cont)</b>											
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
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
10/17/03 <sup>14</sup>	283.46	264.14	19.32	0.00	--	20,000	1,300	270	1,600	1,300	<2
01/20/04 <sup>14</sup>	283.46	266.43	17.03	0.00	--	3,000	170	20	190	180	<0.5
04/09/04 <sup>14</sup>	283.46	266.68	16.78	0.00	--	13,000	1,200	210	910	1,400	2
07/09/04 <sup>14</sup>	283.46	264.76	18.70	0.00	--	6,500	680	66	450	250	<1
10/29/04 <sup>14</sup>	283.46	265.40	18.06	0.00	--	830	41	6	55	38	<0.5
02/25/05 <sup>14</sup>	283.46	267.40	16.06	0.00	--	1,200	76	14	86	98	<0.5
05/27/05 <sup>14</sup>	283.46	266.94	16.52	0.00	--	7,200	440	100	500	560	<0.5
07/15/05 <sup>14</sup>	283.46	266.47	16.99	0.00	--	5,700	360	59	320	370	0.7
10/14/05 <sup>14</sup>	283.46	263.20	20.26	0.00	--	11,000	630	110	680	300	<1
01/12/06 <sup>14</sup>	283.46	267.42	16.04	0.00	--	860	60	12	110	44	<0.5
04/20/06 <sup>14</sup>	283.46	268.81	14.65	0.00	--	7,100	240	71	630	390	<0.5
07/20/06 <sup>14</sup>	283.46	265.71	17.75	0.00	--	6,000	600	55	380	180	0.5
10/06/06 <sup>14</sup>	283.46	263.43	20.03	0.00	--	4,800	280	70	410	170	0.7
01/17/07 <sup>14</sup>	283.46	263.94	19.52	0.00	--	5,400	280	62	350	150	<0.5
04/25/07 <sup>14</sup>	283.46	265.35	18.11	0.00	--	8,400	340	80	620	170	<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.)	SPH						
					Removed (gallons)	TPH-G (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
<b>C-1 (cont)</b>											
07/27/07 <sup>14</sup>	283.46	261.84	21.62	0.00	--	8,400	610	110	500	260	<1
10/15/07 <sup>14</sup>	283.46	263.02	20.44	0.00	--	2,300	60	11	53	24	<0.5
01/07/08 <sup>14</sup>	283.46	264.94	18.52	0.00	--	1,800	100	17	100	34	<0.5
04/04/08 <sup>14</sup>	283.46	265.34	18.12	0.00	--	4,700	370	58	390	130	<0.5
<b>07/09/08<sup>14</sup></b>	<b>283.46</b>	<b>262.23</b>	<b>21.23</b>	<b>0.00</b>	--	<b>6,800</b>	<b>490</b>	<b>78</b>	<b>430</b>	<b>130</b>	<b>&lt;1</b>
<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	--	--	--	--	--	--	--	--

**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.)	SPH						
					Removed (gallons)	TPH-G (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
<b>C-2 (cont)</b>											
06/18/91	284.37	261.69	22.68	--	--	--	--	--	--	--	--
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	--	--	--	--	--	--	--	--

**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.)	SPH						
					Removed (gallons)	TPH-G (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
<b>C-2 (cont)</b>											
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	--	--	--	--	--	--	--	--
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			--	--	--	--	--	--	--
10/17/03	284.37	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--	--
01/20/04 <sup>14</sup>	284.37	270.42	13.95	0.00	--	79	<0.5	<0.5	<0.5	<0.5	<0.5
04/09/04	284.37	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--	--
07/09/04	284.37	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--	--
10/29/04	284.37	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--	--
02/25/05 <sup>14</sup>	284.37	271.33	13.04	0.00	--	97	<0.5	<0.5	<0.5	<0.5	<0.5
05/27/05	284.37	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--	--
07/15/05	284.37	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--	--
10/14/05	284.37	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.)	SPH						
					Removed (gallons)	TPH-G (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
<b>C-2 (cont)</b>											
01/12/06 <sup>14</sup>	284.37	271.17	13.20	0.00	--	160	<0.5	<0.5	<0.5	<0.5	<0.5
04/20/06	284.37	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--	--
07/20/06	284.37	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--	--
10/06/06	284.37	267.38	16.99	0.00	--	--	--	--	--	--	--
01/17/07 <sup>14</sup>	284.37	268.16	16.21	0.00	--	190	<0.5	<0.5	<0.5	<0.5	<0.5
04/25/07	284.37	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--	--
07/27/07	284.37	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--	--
10/15/07	284.37	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--	--
01/07/08 <sup>14</sup>	284.37	268.85	15.52	--	--	2,300	180	2	2	3	<0.5
04/04/08	284.37	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--	--
<b>07/09/08</b>	<b>284.37</b>	<b>MONITORED/SAMPLED ANNUALLY</b>			--	--	--	--	--	--	--
<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	--	--	--	--	--	--	--	--
12/04/89	285.98	256.97	29.01	--	--	56,000	1,300	3,300	1,400	2,700	--

**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.)	SPH						
					Removed (gallons)	TPH-G (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
<b>C-3 (cont)</b>											
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

**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.)	SPH							MTBE (µg/L)
					Removed (gallons)	TPH-G (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)		
<b>C-3 (cont)</b>												
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	
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				--	--	
10/17/03	285.98	264.64**	21.70	0.45	1.68 <sup>10</sup>	NOT SAMPLED DUE TO THE PRESENCE OF SPH				--	--	

**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.)	SPH							
					Removed (gallons)	TPH-G (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	
<b>C-3 (cont)</b>												
01/20/04	285.98	266.46**	19.55	0.04	0.51 <sup>10</sup>	NOT SAMPLED DUE TO THE PRESENCE OF SPH					--	--
04/09/04	285.98	266.53**	19.49	0.05	2.01 <sup>10</sup>	NOT SAMPLED DUE TO THE PRESENCE OF SPH					--	--
07/09/04	285.98	264.70**	21.32	0.05	3.02 <sup>10</sup>	NOT SAMPLED DUE TO THE PRESENCE OF SPH					--	--
10/29/04	285.98	263.67**	22.34	0.04	2.01 <sup>10</sup>	NOT SAMPLED DUE TO THE PRESENCE OF SPH					--	--
02/25/05	285.98	267.47**	18.55	0.05	2.01 <sup>10</sup>	NOT SAMPLED DUE TO THE PRESENCE OF SPH					--	--
05/27/05	285.98	267.30**	18.71	0.04	2.01 <sup>10</sup>	NOT SAMPLED DUE TO THE PRESENCE OF SPH					--	--
07/15/05	285.98	266.12**	19.90	0.05	2.51 <sup>10</sup>	NOT SAMPLED DUE TO THE PRESENCE OF SPH					--	--
10/14/05	285.98	263.50**	22.52	0.05	2.01 <sup>10</sup>	NOT SAMPLED DUE TO THE PRESENCE OF SPH					--	--
01/12/06	285.98	266.37**	19.66	0.06	0.35 <sup>10</sup>	NOT SAMPLED DUE TO THE PRESENCE OF SPH					--	--
04/20/06	285.98	269.21**	16.83	0.07	0.75 <sup>10</sup>	NOT SAMPLED DUE TO THE PRESENCE OF SPH					--	--
07/20/06	285.98	265.46**	20.54	0.03	0.14 <sup>10</sup>	NOT SAMPLED DUE TO THE PRESENCE OF SPH					--	--
10/06/06	285.98	263.73**	22.27	0.02	-- <sup>17</sup>	NOT SAMPLED DUE TO THE PRESENCE OF SPH					--	--
01/17/07	285.98	264.83**	21.17	0.03	0.26 <sup>10</sup>	NOT SAMPLED DUE TO THE PRESENCE OF SPH					--	--
04/25/07 <sup>14</sup>	285.98	264.64	21.34	0.00	0.00	27,000	3,800	93	1,400	1,500	7	
07/27/07 <sup>14</sup>	285.98	262.22	23.76	0.00	0.00	56,000	9,900	660	2,800	7,300	<10	
10/15/07 <sup>14</sup>	285.98	262.80	23.18	0.00	0.00	51,000	9,600	480	2,700	7,300	<5	
01/07/08 <sup>14</sup>	285.98	263.87	22.11	0.00	0.00	34,000	7,800	180	2,800	2,400	<10	
04/04/08 <sup>14</sup>	285.98	264.78	21.20	0.00	0.00	26,000	5,000	80	1,800	1,100	5	
<b>07/09/08<sup>14</sup></b>	<b>285.98</b>	<b>262.40</b>	<b>23.58</b>	<b>0.00</b>	<b>0.00</b>	<b>39,000</b>	<b>10,000</b>	<b>510</b>	<b>2,700</b>	<b>5,000</b>	<b>&lt;5</b>	
<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	--	--	--	--	--	--	--	--	



**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.)	SPH						
					Removed (gallons)	TPH-G (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
<b>C-5 (cont)</b>											
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	--	--	--	--	--	--	--	--
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	--	--	--	--	--	--	--	--

**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.)	SPH							
					Removed (gallons)	TPH-G (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	
<b>C-5 (cont)</b>												
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	
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	

**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.)	SPH						
					Removed (gallons)	TPH-G (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
<b>C-5 (cont)</b>											
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			--	--	--	--	--	--	--
10/17/03	287.95	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--	--
01/20/04 <sup>14</sup>	287.95	268.59	19.36	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
04/09/04	287.95	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--	--
07/09/04	287.95	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--	--
10/29/04	287.95	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--	--
02/25/05 <sup>14</sup>	287.95	270.16	17.79	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/27/05	287.95	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--	--
07/15/05	287.95	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--	--
10/14/05	287.95	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--	--
01/12/06 <sup>14</sup>	287.95	268.89	19.06	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
04/20/06	287.95	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--	--
07/20/06	287.95	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--	--
10/06/06	287.95	264.82	23.13	0.00	--	--	--	--	--	--	--
01/17/07 <sup>14</sup>	287.95	264.26	23.69	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
04/25/07	287.95	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--	--
07/27/07	287.95	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--	--
10/15/07	287.95	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--	--
01/07/08 <sup>14</sup>	287.95	264.88	23.07	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
04/04/08	287.95	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--	--
<b>07/09/08</b>	<b>287.95</b>	<b>MONITORED/SAMPLED ANNUALLY</b>			--	--	--	--	--	--	--

**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.)	SPH							
					Removed (gallons)	TPH-G (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	
<b>C-6</b>												
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	--	--

**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.)	SPH						MTBE (µg/L)
					Removed (gallons)	TPH-G (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	
<b>C-6 (cont)</b>											
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	--
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

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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.)	SPH						
					Removed (gallons)	TPH-G (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
<b>C-6 (cont)</b>											
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
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
10/17/03 <sup>14</sup>	275.28	262.27	13.01	0.00	--	33,000	12,000	96	260	520	<10
01/20/04 <sup>14</sup>	275.28	264.19	11.09	0.00	--	38,000	11,000	290	1,100	2,000	16
04/09/04 <sup>14</sup>	275.28	264.19	11.09	0.00	--	26,000	9,700	150	630	1,100	18
07/09/04 <sup>14</sup>	275.28	262.63	12.65	0.00	--	28,000	9,300	170	710	970	18
10/29/04 <sup>14</sup>	275.28	263.08	12.20	0.00	--	51,000	9,300	130	680	730	17
02/25/05 <sup>14</sup>	275.28	265.24	10.04	0.00	--	4,400	14,000	310	1,300	2,000	12
05/27/05 <sup>14</sup>	275.28	264.73	10.55	0.00	--	46,000	16,000	300	1,400	2,000	11
07/15/05 <sup>14</sup>	275.28	264.31	10.97	0.00	--	53,000	17,000	360	1,400	2,000	12
10/14/05 <sup>14</sup>	275.28	261.62	13.66	0.00	--	31,000	11,000	190	660	1,000	<13
01/12/06 <sup>14</sup>	275.28	265.17	10.11	0.00	--	2,300	320	4	97	17	<0.5
04/20/06 <sup>14</sup>	275.28	265.33	9.95	0.00	--	55,000	17,000	460	2,000	2,500	<10
07/20/06 <sup>14</sup>	275.28	264.10	11.18	0.00	--	60,000	19,000	500	2,600	2,700	<10
10/06/06 <sup>14</sup>	275.28	261.72	13.56	0.00	--	52,000	12,000	250	1,100	1,400	<10
01/17/07 <sup>14</sup>	275.28	262.12	13.16	0.00	--	60,000	27,000	500	2,300	2,600	<25

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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.)	SPH						
					Removed (gallons)	TPH-G (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
<b>C-6 (cont)</b>											
04/25/07 <sup>14</sup>	275.28	262.97	12.31	0.00	--	53,000	14,000	430	2,100	2,100	<10
07/27/07 <sup>14</sup>	275.28	262.50	12.78	0.00	--	37,000	12,000	210	1,400	810	<10
10/15/07 <sup>14</sup>	275.28	261.10	14.18	0.00	--	42,000	16,000	200	2,300	640	<10
01/07/08 <sup>14</sup>	275.28	262.30	12.98	0.00	--	33,000	13,000	290	2,400	1,100	<13
04/04/08 <sup>14</sup>	275.28	262.94	12.34	0.00	--	53,000	18,000	450	2,900	1,800	5
<b>07/09/08<sup>14</sup></b>	<b>275.28</b>	<b>260.62</b>	<b>14.66</b>	<b>0.00</b>	--	<b>29,000</b>	<b>11,000</b>	<b>250</b>	<b>1,600</b>	<b>570</b>	<b>7</b>
<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	--

**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.)	SPH						MTBE (µg/L)
					Removed (gallons)	TPH-G (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	
<b>C-7 (cont)</b>											
12/20/90	270.70	253.62	17.08	--	--	2,300	ND	6.5	4.7	9.3	--
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	--	--	--	--	--	--	--	--



**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.)	SPH							
					Removed (gallons)	TPH-G (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	
<b>C-7 (cont)</b>												
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	--	--	--	--	--	--	--	--	
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	
10/17/03	270.70	MONITORED/SAMPLED SEMI-ANNUALLY			--	--	--	--	--	--	--	
01/20/04 <sup>14</sup>	270.70	267.05	3.65	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	
04/09/04	270.70	MONITORED/SAMPLED SEMI-ANNUALLY			--	--	--	--	--	--	--	
07/09/04 <sup>14</sup>	270.70	265.06	5.64	0.00	--	190	<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

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH						
					Removed (gallons)	TPH-G (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
<b>C-7 (cont)</b>											
10/29/04	270.70	MONITORED/SAMPLED SEMI-ANNUALLY		--	--	--	--	--	--	--	--
02/25/05 <sup>14</sup>	270.70	268.64	2.06	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/27/05	270.70	MONITORED/SAMPLED SEMI-ANNUALLY		--	--	--	--	--	--	--	--
07/15/05 <sup>14</sup>	270.70	266.26	4.44	0.00	--	130	<0.5	<0.5	<0.5	<0.5	<0.5
10/14/05	270.70	MONITORED/SAMPLED SEMI-ANNUALLY		--	--	--	--	--	--	--	--
01/12/06 <sup>14</sup>	270.70	267.68	3.02	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
04/20/06	270.70	MONITORED/SAMPLED SEMI-ANNUALLY		--	--	--	--	--	--	--	--
07/20/06 <sup>14</sup>	270.70	265.36	5.34	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
10/06/06	270.70	263.88	6.82	0.00	--	--	--	--	--	--	--
01/17/07 <sup>14</sup>	270.70	263.35	7.35	0.00	--	150	1	1	<0.5	2	<0.5
04/25/07	270.70	MONITORED/SAMPLED SEMI-ANNUALLY		--	--	--	--	--	--	--	--
07/27/07 <sup>14</sup>	270.70	262.18	8.52	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
10/15/07	270.70	MONITORED/SAMPLED SEMI-ANNUALLY		--	--	--	--	--	--	--	--
01/07/08 <sup>14</sup>	270.70	264.00	6.70	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
04/04/08	270.70	MONITORED/SAMPLED SEMI-ANNUALLY		--	--	--	--	--	--	--	--
<b>07/09/08<sup>14</sup></b>	<b>270.70</b>	<b>261.90</b>	<b>8.80</b>	<b>0.00</b>	--	<b>&lt;50</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>
<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	--	--	--	--	--	--	--	--
07/12/90	288.40	276.25	12.15	--	--	--	--	--	--	--	--

**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.)	SPH						
					Removed (gallons)	TPH-G (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
<b>C-8 (cont)</b>											
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	--

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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.)	SPH						
					Removed (gallons)	TPH-G (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
<b>C-8 (cont)</b>											
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	--
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

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

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH						
					Removed (gallons)	TPH-G (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
<b>C-8 (cont)</b>											
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			--	--	--	--	--	--	--
10/17/03	288.40	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--	--
01/20/04 <sup>14</sup>	288.40	282.35	6.05	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
04/09/04	288.40	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--	--
07/09/04	288.40	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--	--
10/29/04	288.40	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--	--
02/25/05 <sup>14</sup>	288.40	283.61	4.79	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/27/05	288.40	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--	--
07/15/05	288.40	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--	--
10/14/05	288.40	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--	--
01/12/06 <sup>14</sup>	288.40	282.89	5.51	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
04/20/06	288.40	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--	--
07/20/06	288.40	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--	--
10/06/06	288.40	281.42	6.98	0.00	--	--	--	--	--	--	--
01/17/07 <sup>14</sup>	288.40	280.62	7.78	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
04/25/07	288.40	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--	--
07/27/07	289.40	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--	--
10/15/07	289.40	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--	--
01/07/08 <sup>14</sup>	288.40	283.27	5.13	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
04/04/08	288.40	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--	--
<b>07/09/08</b>	<b>288.40</b>	<b>MONITORED/SAMPLED ANNUALLY</b>			--	--	--	--	--	--	--

**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.)	SPH						
					Removed (gallons)	TPH-G (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
<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

**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.)	SPH						
					Removed (gallons)	TPH-G (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
<b>C-9 (cont)</b>											
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
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
10/17/03 <sup>14</sup>	-- <sup>13</sup>	-- <sup>13</sup>	10.35	0.00	--	17,000	3,100	80	990	820	<3
01/20/04 <sup>14</sup>	-- <sup>13</sup>	-- <sup>13</sup>	8.98	0.00	--	6,200	1,100	18	340	38	<1
04/09/04 <sup>14</sup>	-- <sup>13</sup>	-- <sup>13</sup>	9.07	0.00	--	10,000	2,900	37	920	130	<3
07/09/04 <sup>14</sup>	-- <sup>13</sup>	-- <sup>13</sup>	10.40	0.00	--	14,000	2,500	120	730	440	<3
10/29/04 <sup>14</sup>	-- <sup>13</sup>	-- <sup>13</sup>	10.22	0.00	--	10,000	840	19	310	76	0.5
02/25/05 <sup>14</sup>	-- <sup>13</sup>	-- <sup>13</sup>	8.08	0.00	--	2,600	550	4	200	15	0.7
05/27/05 <sup>14</sup>	-- <sup>13</sup>	-- <sup>13</sup>	8.57	0.00	--	14,000	2,500	38	940	170	<3
07/15/05 <sup>14</sup>	-- <sup>13</sup>	-- <sup>13</sup>	8.90	0.00	--	9,900	2,000	76	710	310	<3
10/14/05 <sup>14</sup>	-- <sup>13</sup>	-- <sup>13</sup>	10.85	0.00	--	12,000	2,200	62	690	360	<3
01/12/06 <sup>14,15</sup>	-- <sup>13</sup>	-- <sup>13</sup>	18.60	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
04/20/06 <sup>14</sup>	-- <sup>13</sup>	-- <sup>13</sup>	7.95	0.00	--	17,000	3,500	78	1,100	440	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.)	SPH						
					Removed (gallons)	TPH-G (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
<b>C-9 (cont)</b>											
07/20/06 <sup>14</sup>	-- <sup>13</sup>	-- <sup>13</sup>	9.21	0.00	--	16,000	3,900	71	1,000	420	<5
10/06/06 <sup>14</sup>	-- <sup>13</sup>	-- <sup>13</sup>	10.70	0.00	--	8,900	370	24	170	92	<0.5
01/17/07 <sup>14</sup>	-- <sup>13</sup>	-- <sup>13</sup>	10.36	0.00	--	14,000	3,200	46	880	240	3
04/25/07 <sup>14</sup>	-- <sup>13</sup>	-- <sup>13</sup>	10.15	0.00	--	16,000	3,800	46	890	180	<5
07/27/07 <sup>14</sup>	-- <sup>13</sup>	-- <sup>13</sup>	11.25	0.00	--	13,000	3,100	32	830	92	3
10/15/07 <sup>14</sup>	-- <sup>13</sup>	-- <sup>13</sup>	10.92	0.00	--	2,100	160	4	17	11	<0.5
01/07/08 <sup>14</sup>	-- <sup>13</sup>	-- <sup>13</sup>	10.50	0.00	--	1,100	61	0.7	0.7	1	<0.5
04/04/08 <sup>14</sup>	-- <sup>13</sup>	-- <sup>13</sup>	9.87	0.00	--	16,000	4,100	52	1,000	210	3
<b>07/09/08<sup>14</sup></b>	-- <sup>13</sup>	-- <sup>13</sup>	<b>11.06</b>	<b>0.00</b>	--	<b>4,500</b>	<b>320</b>	<b>5</b>	<b>150</b>	<b>9</b>	<b>&lt;0.5</b>
<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	--
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	--



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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.)	SPH						
					Removed (gallons)	TPH-G (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
<b>C-11 (cont)</b>											
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
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

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Chevron Service Station #9-5607  
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WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH						
					Removed (gallons)	TPH-G (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
<b>C-11 (cont)</b>											
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			--	--	--	--	--	--	--
10/17/03	265.30	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--	--
01/20/04 <sup>14</sup>	265.30	246.35	18.95	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
04/09/04	265.30	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--	--
07/09/04	265.30	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--	--
10/29/04	265.30	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--	--
02/25/05 <sup>14</sup>	265.30	247.17	18.13	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/27/05	265.30	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--	--
07/15/05	265.30	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--	--
10/14/05	265.30	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--	--
01/12/06 <sup>14,15</sup>	265.30	246.70	18.60	0.00	--	50,000	21,000	680	2,800	3,900	<25
04/20/06	265.30	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--	--
07/20/06 <sup>14</sup>	265.30	246.34	18.96	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
10/06/06 <sup>14</sup>	265.30	246.00	19.30	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
01/17/07 <sup>14</sup>	265.30	245.70	19.60	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
04/25/07 <sup>14</sup>	265.30	245.93	19.37	0.00	--	<50	<0.5	0.8	<0.5	0.7	<0.5
07/27/07 <sup>14</sup>	265.30	245.60	19.70	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
10/15/07 <sup>14</sup>	265.30	245.65	19.65	0.00	--	<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

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH						
					Removed (gallons)	TPH-G (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
<b>C-11 (cont)</b>											
01/07/08 <sup>14</sup>	265.30	245.87	19.43	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
04/04/08 <sup>14</sup>	265.30	247.26	18.04	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
<b>07/09/08<sup>14</sup></b>	<b>265.30</b>	<b>246.14</b>	<b>19.16</b>	<b>0.00</b>	<b>--</b>	<b>&lt;50</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>
<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	--
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	--

**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.)	SPH						
					Removed (gallons)	TPH-G (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
<b>C-12 (cont)</b>											
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
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

**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.)	SPH						
					Removed (gallons)	TPH-G (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
<b>C-12 (cont)</b>											
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
07/18/03 <sup>14</sup>	269.66	260.74	8.92	0.00	--	1,500	86	0.8	50	17	<0.5
10/17/03 <sup>14</sup>	269.66	259.18	10.48	0.00	--	940	56	0.7	37	11	<0.5
01/20/04 <sup>14</sup>	269.66	260.96	8.70	0.00	--	6,000	180	3	270	160	<0.5
04/09/04 <sup>14</sup>	269.66	261.32	8.34	0.00	--	3,900	240	2	250	55	0.8
07/09/04 <sup>14</sup>	269.66	259.71	9.95	0.00	--	2,300	80	0.9	99	24	<0.5
10/29/04 <sup>14</sup>	269.66	259.99	9.67	0.00	--	200	50	0.5	<0.5	<0.5	<0.5
02/25/05 <sup>14</sup>	269.66	262.17	7.49	0.00	--	6,600	210	2	260	91	<1
05/27/05 <sup>14</sup>	269.66	261.87	7.79	0.00	--	1,400	94	0.9	99	25	<0.5
07/15/05 <sup>14</sup>	269.66	261.53	8.13	0.00	--	<50	1	<0.5	<0.5	<0.5	<0.5
10/14/05 <sup>14</sup>	269.66	259.08	10.58	0.00	--	2,500	97	1	77	16	<0.5
01/12/06 <sup>14</sup>	269.66	261.95	7.71	0.00	--	1,000	30	<0.5	48	10	<0.5
04/20/06 <sup>14</sup>	269.66	261.95	7.71	0.00	--	5,800	350	4	170	120	<0.5
07/20/06 <sup>14</sup>	269.66	261.12	8.54	0.00	--	5,100	190	2	240	120	<0.5
10/06/06 <sup>14</sup>	269.66	259.27	10.39	0.00	--	4,300	120	3	160	38	<0.5
01/17/07 <sup>14</sup>	269.66	259.55	10.11	0.00	--	1,600	73	2	75	22	<0.5
04/25/07 <sup>14</sup>	269.66	260.77	8.89	0.00	--	3,700	160	2	190	72	<0.5
07/27/07 <sup>14</sup>	269.66	258.48	11.18	0.00	--	2,600	120	1	69	20	<0.5
10/15/07 <sup>14</sup>	269.66	259.11	10.55	0.00	--	2,000	81	0.7	55	10	<0.5
01/07/08 <sup>14</sup>	269.66	260.80	8.86	0.00	--	1,800	35	<0.5	23	5	<0.5
04/04/08 <sup>14</sup>	269.66	261.20	8.46	0.00	--	2,100	27	<0.5	26	8	<0.5
<b>07/09/08<sup>14</sup></b>	<b>269.66</b>	<b>258.65</b>	<b>11.01</b>	<b>0.00</b>	<b>--</b>	<b>360</b>	<b>11</b>	<b>&lt;0.5</b>	<b>2</b>	<b>0.8</b>	<b>&lt;0.5</b>

**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.)	SPH							
					Removed (gallons)	TPH-G (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	
<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	--	
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	--	--	--	--	--	--	--	--	

**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.)	SPH						
					Removed (gallons)	TPH-G (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
<b>C-13 (cont)</b>											
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	--	--	--	--	--	--	--
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			--	--	--	--	--	--	--

**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.)	SPH							MTBE (µg/L)
					Removed (gallons)	TPH-G (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)		
<b>C-13 (cont)</b>												
07/18/03 <sup>14</sup>	284.32	274.99	9.33	0.00	--	830	31	2	6	7	<0.5	
10/17/03	284.32	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--	--	
01/20/04	284.32	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--	--	
04/09/04	284.32	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--	--	
07/09/04 <sup>14</sup>	284.32	275.67	8.65	0.00	--	510	15	0.7	2	2	<0.5	
10/29/04	284.32	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--	--	
02/25/05	284.32	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--	--	
05/27/05	284.32	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--	--	
07/15/05 <sup>14</sup>	284.32	275.84	8.48	0.00	--	920	24	1	18	3	<0.5	
10/14/05	284.32	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--	--	
01/12/06	284.32	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--	--	
04/20/06	284.32	272.01	12.31	0.00	--	920	24	1	18	3	<0.5	
07/20/06 <sup>14</sup>	284.32	272.01	12.31	0.00	--	1,500	19	1	19	3	<0.5	
10/06/06	284.32	275.17	9.15	0.00	--	--	--	--	--	--	--	
01/17/07	284.32	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--	--	
04/25/07	284.32	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--	--	
07/27/07 <sup>14</sup>	284.32	274.05	10.27	0.00	--	1,100	10	0.7	10	2	<0.5	
10/15/07	284.32	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--	--	
01/07/08	284.32	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--	--	
04/04/08	284.32	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--	--	
<b>07/09/08<sup>14</sup></b>	<b>284.32</b>	<b>274.77</b>	<b>9.55</b>	<b>0.00</b>	--	<b>1,200</b>	<b>13</b>	<b>1</b>	<b>18</b>	<b>3</b>	<b>&lt;0.5</b>	
<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	--	



**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.)	SPH						
					Removed (gallons)	TPH-G (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
<b>C-15 (cont)</b>											
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	--
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

**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.)	SPH						
					Removed (gallons)	TPH-G (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
<b>C-15 (cont)</b>											
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
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
10/17/03 <sup>14</sup>	246.15	235.39	10.76	0.00	--	690	<0.5	<0.5	<0.5	<0.5	5
01/20/04 <sup>14</sup>	246.15	236.78	9.37	0.00	--	310	<0.5	<0.5	<0.5	<0.5	3
04/09/04 <sup>14</sup>	246.15	236.34	9.81	0.00	--	610	<0.5	<0.5	<0.5	<0.5	3
07/09/04 <sup>14</sup>	246.15	235.31	10.84	0.00	--	640	<0.5	<0.5	<0.5	<0.5	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.)	SPH							
					Removed (gallons)	TPH-G (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	
<b>C-15 (cont)</b>												
10/29/04 <sup>14</sup>	246.15	235.66	10.49	0.00	--	480	0.9	<0.5	<0.5	<0.5	5	
02/25/05 <sup>14</sup>	246.15	239.07	7.08	0.00	--	53	<0.5	<0.5	<0.5	<0.5	1	
05/27/05 <sup>14</sup>	246.15	238.21	7.94	0.00	--	500	<0.5	<0.5	<0.5	<0.5	4	
07/15/05 <sup>14</sup>	246.15	235.77	10.38	0.00	--	570	<0.5	<0.5	<0.5	<0.5	5	
10/14/05 <sup>14</sup>	246.15	235.33	10.82	0.00	--	380	<0.5	<0.5	<0.5	0.6	5	
01/12/06 <sup>14</sup>	246.15	240.28	5.87	0.00	--	400	<0.5	<0.5	<0.5	<0.5	5	
07/20/06 <sup>14</sup>	NP <sup>16</sup>	246.15	233.74	12.41	0.00	--	760	<0.5	<0.5	<0.5	<0.5	4
10/06/06 <sup>14</sup>		246.15	235.52	10.63	0.00	--	780	<0.5	<0.5	<0.5	<0.5	4
01/17/07 <sup>14</sup>	NP <sup>16</sup>	246.15	235.64	10.51	0.00	--	670	<0.5	<0.5	<0.5	<0.5	4
04/25/07 <sup>14</sup>		246.15	235.86	10.29	0.00	--	420	<0.5	<0.5	<0.5	<0.5	4
07/27/07 <sup>14</sup>		246.15	235.20	10.95	0.00	--	870	<0.5	<0.5	<0.5	<0.5	5
10/15/07 <sup>14</sup>		246.15	235.47	10.68	0.00	--	790	<0.5	<0.5	<0.5	<0.5	5
01/07/08 <sup>14</sup>	NP <sup>16</sup>	246.15	236.09	10.06	0.00	--	810	<0.5	<0.5	<0.5	<0.5	5
04/04/08 <sup>14</sup>	NP <sup>16</sup>	246.15	236.57	9.58	0.00	--	400 <sup>19</sup>	<0.5	<0.5	<0.5	<0.5	3
07/09/08 <sup>14</sup>	NP <sup>16</sup>	<b>246.15</b>	<b>235.17</b>	<b>10.98</b>	<b>0.00</b>	--	<b>520</b>	<b>&lt;0.5</b>	<b>1</b>	<b>&lt;0.5</b>	<b>1</b>	<b>6</b>
<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	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	--	

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

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH						
					Removed (gallons)	TPH-G (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
<b>C-16 (cont)</b>											
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	--
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
01/12/98	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

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

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH							MTBE (µg/L)
					Removed (gallons)	TPH-G (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)		
<b>C-16 (cont)</b>												
07/23/99	246.69	234.35	12.34	--	--	<50	<0.5	<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	<0.5	<2.5
01/20/00	246.69	233.84	12.85	--	--	<50	<0.5	<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	<0.50	<2.5
07/21/00	246.69	234.03	12.66	0.00	--	<50	<0.50	<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	<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	<0.500	<2.50
04/30/01	246.69	235.95	10.74	0.00	--	724 <sup>8</sup>	<1.00	<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	<0.50	<2.5
10/10/01	246.69	233.62	13.07	0.00	--	<50	<0.50	<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	<0.50	<1.5	<2.5
04/11/02	246.69	234.87	11.82	0.00	--	<50	<0.50	<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			--	--	--	--	--	--	--	--
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	<0.5	<1.5	<2.5
07/18/03	246.69	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--	--	--
10/17/03	246.69	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--	--	--
01/20/04	246.69	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--	--	--
04/09/04 <sup>14</sup>	246.69	234.47	12.22	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
07/09/04	246.69	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--	--	--
10/29/04	246.69	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--	--	--
02/25/05	246.69	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--	--	--
05/27/05 <sup>14</sup>	246.69	234.63	12.06	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
07/15/05	246.69	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--	--	--
10/14/05	246.69	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--	--	--
01/12/06	246.69	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--	--	--
04/20/06 <sup>14</sup>	NP <sup>16</sup>	246.69	235.91	10.78	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
07/20/06	246.69	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--	--	--

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

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH							
					Removed (gallons)	TPH-G (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	
<b>C-16 (cont)</b>												
10/06/06	246.69	233.84	12.85	0.00	--	--	--	--	--	--	--	--
01/17/07	246.69	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--	--	--
04/25/07 <sup>14</sup>	246.69	234.00	12.69	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
07/27/07	246.69	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--	--	--
10/15/07	246.69	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--	--	--
01/07/08	246.69	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--	--	--
04/04/08 <sup>14</sup>	NP <sup>16</sup>	246.69	234.74	11.95	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
<b>07/09/08</b>	<b>246.69</b>	<b>MONITORED/SAMPLED ANNUALLY</b>			--	--	--	--	--	--	--	--
<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	--	--	--	--	--	--	--	--	--	--	--
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	--	--	--	--	--	--	--	--	--

**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.)	SPH						
					Removed (gallons)	TPH-G (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
<b>C-4 (cont)</b>											
08/10/90	273.01	255.74	17.27	--	--	--	--	--	--	--	--
09/24/90	273.01	254.90	18.11	--	--	--	--	--	--	--	--
ABANDONED											
<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	--
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	--

**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.)	SPH						
					Removed (gallons)	TPH-G (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
<b>C-10A (cont)</b>											
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
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 07/2001



**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.)	SPH						
					Removed (gallons)	TPH-G (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
<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
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

**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.)	SPH						
					Removed (gallons)	TPH-G (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
<b>C-10B (cont)</b>											
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 07/2001											
<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	--

**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.)	SPH						
					Removed (gallons)	TPH-G (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
<b>C-14 (cont)</b>											
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	--
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

**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.)	SPH						
					Removed (gallons)	TPH-G (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
<b>C-14 (cont)</b>											
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
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>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		--	--	--	--	--	--	--	--

**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.)	SPH						
					Removed (gallons)	TPH-G (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
<b>RW (cont)</b>											
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											
<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

**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.)	SPH						
					Removed (gallons)	TPH-G (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
<b>TRIP BLANK (cont)</b>											
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
<b>QA</b>											
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
10/17/03 <sup>14</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
01/20/04 <sup>14</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
04/09/04 <sup>14</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
07/09/04 <sup>14</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
10/29/04 <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

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH						
					Removed (gallons)	TPH-G (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
<b>QA (cont)</b>											
02/25/05 <sup>14</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/27/05 <sup>14</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
07/15/05 <sup>14</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
10/14/05 <sup>14</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
01/12/06 <sup>14</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
04/20/06 <sup>14</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
07/20/06 <sup>14</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
10/06/06 <sup>14</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
01/17/07 <sup>14</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
04/25/07 <sup>14</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
07/27/07 <sup>14</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
10/15/07 <sup>14</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
01/07/08 <sup>14</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
04/04/08 <sup>14</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
<b>07/09/08<sup>14</sup></b>	--	--	--	--	--	<b>&lt;50</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>

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

\*\* GWE corrected for the presence of SPH, correction factor: [(TOC - DTW) + (SPHT x 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.
- 15 Current laboratory analytical results do not coincide with historical data, and although the laboratory results were confirmed; it appears that the samples may have been switched.
- 16 Unable to purge well; well located on a steep hill.
- 17 10 milliliters of SPH and 0.5 gallons of water removed from well.
- 18 No Purge sample taken; well inaccessible with truck.
- 19 Laboratory report indicates the sample was analyzed 12 days outside the method hold time.



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

WELL ID/ DATE	ETHANOL (µg/L)	TBA (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)
<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
10/17/03	<200	27	<2	<2	<2	<2	<2	<2
01/20/04	<50	13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
04/09/04	<100	31	2	<1	<1	<1	<1	<1
07/09/04	<100	<10	<1	<1	<1	<1	<1	<1
10/29/04	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
02/25/05	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
05/27/05	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
07/15/05	<50	14	0.7	<0.5	<0.5	<0.5	<0.5	<0.5
10/14/05	<130	13	<1	<1	<1	<1	<1	<1
01/12/06	<50	7	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
04/20/06	<50	12	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
07/20/06	<50	11	0.5	<0.5	<0.5	<0.5	<0.5	<0.5
10/06/06	<50	8	0.7	<0.5	<0.5	<0.5	<0.5	<0.5
01/17/07	<50	7	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
04/25/07	<50	16	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
07/27/07	<100	12	<1	<1	<1	<1	<1	<1
10/15/07	<50	10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
01/07/08	<50	6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
04/04/08	<50	11	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
<b>07/09/08</b>	<b>&lt;100</b>	<b>11</b>	<b>&lt;1</b>	<b>&lt;1</b>	<b>&lt;1</b>	<b>&lt;1</b>	<b>&lt;1</b>	<b>&lt;1</b>
<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		--	--	--	--	--	--
01/20/04	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
02/25/05	<50	<5	<0.5	<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

WELL ID/ DATE	ETHANOL (µg/L)	TBA (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)
<b>C-2 (cont)</b>								
01/12/06	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
01/17/07	<50	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
01/07/08	<50	3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
<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			--	--	--	--	--
10/17/03	NOT SAMPLED DUE TO THE PRESENCE OF SPH			--	--	--	--	--
01/20/04	NOT SAMPLED DUE TO THE PRESENCE OF SPH			--	--	--	--	--
04/09/04	NOT SAMPLED DUE TO THE PRESENCE OF SPH			--	--	--	--	--
10/29/04	NOT SAMPLED DUE TO THE PRESENCE OF SPH			--	--	--	--	--
02/25/05	NOT SAMPLED DUE TO THE PRESENCE OF SPH			--	--	--	--	--
05/27/05	NOT SAMPLED DUE TO THE PRESENCE OF SPH			--	--	--	--	--
07/15/05	NOT SAMPLED DUE TO THE PRESENCE OF SPH			--	--	--	--	--
10/14/05	NOT SAMPLED DUE TO THE PRESENCE OF SPH			--	--	--	--	--
01/12/06	NOT SAMPLED DUE TO THE PRESENCE OF SPH			--	--	--	--	--
04/20/06	NOT SAMPLED DUE TO THE PRESENCE OF SPH			--	--	--	--	--
10/06/06	NOT SAMPLED DUE TO THE PRESENCE OF SPH			--	--	--	--	--
01/17/07	NOT SAMPLED DUE TO THE PRESENCE OF SPH			--	--	--	--	--
04/25/07	<250	22	7	<3	<3	<3	<3	<3
07/27/07	<1,000	<40	<10	<10	<10	<10	<10	<10
10/15/07	<500	54	<5	<5	<5	<5	<5	<5
01/07/08	<1,000	<40	<10	<10	<10	<10	<10	<10
04/04/08	<250	48	5	<3	<3	<3	<3	<3
<b>07/09/08</b>	<b>&lt;500</b>	<b>77</b>	<b>&lt;5</b>	<b>&lt;5</b>	<b>&lt;5</b>	<b>&lt;5</b>	<b>&lt;5</b>	<b>&lt;5</b>

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

WELL ID/ DATE	ETHANOL (µg/L)	TBA (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)
<b>C-5</b>								
01/29/03	--	<5	<0.5	3	<0.5	<0.5	<0.5	<0.5
07/18/03	SAMPLED ANNUALLY		--	--	--	--	--	--
01/20/04	<50	<5	<0.5	3	<0.5	<0.5	<0.5	<0.5
02/25/05	<50	<5	<0.5	2	<0.5	<0.5	<0.5	<0.5
01/12/06	<50	<5	<0.5	1	<0.5	<0.5	<0.5	<0.5
01/17/07	<50	<2	<0.5	1	<0.5	<0.5	<0.5	<0.5
01/07/08	<50	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
<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
10/17/03	<1,000	140	<10	<10	<10	<10	<10	<10
01/20/04	<500	100	16	<5	<5	<5	<5	<5
04/09/04	<1,000	<100	18	<10	<10	<10	<10	<10
07/09/04	<100	74	18	<1	<1	<1	1	<1
10/29/04	<1,000	<100	17	<10	<10	<10	<10	<10
02/25/05	<1,000	110	12	<10	<10	<10	<10	<10
05/27/05	<500	92	11	<5	<5	<5	<5	<5
07/15/05	<1,000	<100	12	<10	<10	<10	<10	<10
10/14/05	<1,300	<130	<13	<13	<13	<13	<13	<13
01/12/06	<50	11	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
04/20/06	<1,000	<100	<10	<10	<10	<10	<10	<10
07/20/06	<1,000	<100	<10	<10	<10	<10	<10	<10
10/06/06	<1,000	<100	<10	<10	<10	<10	<10	<10
01/17/07	<2,500	<100	<25	<25	<25	<25	<25	<25
04/25/07	<1,000	69	<10	<10	<10	<10	<10	<10
07/27/07	<1,000	61	<10	<10	<10	<10	<10	<10
10/15/07	<1,000	180	10	<10	<10	<10	<10	<10

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

WELL ID/ DATE	ETHANOL (µg/L)	TBA (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)
<b>C-6 (cont)</b>								
01/07/08	<1,300	<50	<13	<13	<13	<13	<13	<13
04/04/08	<100	78	5	<1	<1	<1	<1	<1
<b>07/09/08</b>	<b>&lt;500</b>	<b>70</b>	<b>7</b>	<b>&lt;5</b>	<b>&lt;5</b>	<b>&lt;5</b>	<b>&lt;5</b>	<b>&lt;5</b>
<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
10/17/03	SAMPLED SEMI-ANNUALLY		--	--	--	--	--	--
01/20/04	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
07/09/04	<50	<5	<0.5	2	<0.5	<0.5	<0.5	<0.5
02/25/05	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
07/15/05	<50	<5	<0.5	0.5	<0.5	<0.5	<0.5	<0.5
01/12/06	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
07/20/06	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
01/17/07	<50	<2	<0.5	0.7	<0.5	<0.5	<0.5	<0.5
07/27/07	<50	<2	<0.5	0.6	<0.5	<0.5	<0.5	<0.5
01/07/08	<50	<2	<0.5	0.9	<0.5	<0.5	<0.5	<0.5
<b>07/09/08</b>	<b>&lt;50</b>	<b>&lt;2</b>	<b>&lt;0.5</b>	<b>0.9</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>
<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		--	--	--	--	--	--
01/20/04	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
02/25/05	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
01/12/06	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
01/17/07	<50	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
01/07/08	<50	<2	<0.5	<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

WELL ID/ DATE	ETHANOL (µg/L)	TBA (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)
<b>C-9</b>								
01/29/03	INACCESSIBLE - PUMP STUCK IN WELL			--	--	--	--	--
07/18/03	<130	29	<1	<1	<1	<1	<1	<1
10/17/03	<250	<25	<3	<3	<3	<3	<3	<3
01/20/04	<100	66	<1	<1	<1	<1	<1	<1
04/09/04	<250	66	<3	<3	<3	<3	<3	<3
07/09/04	<250	<25	<3	<3	<3	<3	<3	<3
10/29/04	<50	<5	0.5	<0.5	<0.5	<0.5	<0.5	<0.5
02/25/05	<50	79	0.7	<0.5	<0.5	<0.5	<0.5	<0.5
05/27/05	<250	<25	<3	<3	<3	<3	<3	<3
07/15/05	<250	<25	<3	<3	<3	<3	<3	<3
10/14/05	<250	<25	<3	<3	<3	<3	<3	<3
01/12/06	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
04/20/06	<100	45	3	<1	<1	<1	<1	<1
07/20/06	<500	<50	<5	<5	<5	<5	<5	<5
10/06/06	<50	12	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
01/17/07	<250	43	3	<3	<3	<3	<3	<3
04/25/07	<500	46	<5	<5	<5	<5	<5	<5
07/27/07	<250	42	3	<3	<3	<3	<3	<3
10/15/07	<50	8	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
01/07/08	<50	5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
04/04/08	<250	41	3	<3	<3	<3	<3	<3
<b>07/09/08</b>	<b>&lt;50</b>	<b>13</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>
<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		--	--	--	--	--	--
01/20/04	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
01/12/06	<2,500	<250	<25	<25	<25	<25	<25	<25
07/20/06	<50	<5	<0.5	<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

WELL ID/ DATE	ETHANOL (µg/L)	TBA (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)
<b>C-11 (cont)</b>								
10/06/06	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
01/17/07	<50	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
04/25/07	<50	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
07/27/07	<50	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
10/15/07	<50	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
01/07/08	<50	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
04/04/08	<50	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
<b>07/09/08</b>	<b>&lt;50</b>	<b>&lt;2</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>
<b>C-12</b>								
02/25/05	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
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
10/17/03	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
01/20/04	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
04/09/04	<50	<5	0.8	<0.5	<0.5	<0.5	<0.5	<0.5
07/09/04	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
10/29/04	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
02/25/05	<100	<10	<1	<1	<1	<1	<1	<1
05/27/05	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
07/15/05	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
10/14/05	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
01/12/06	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
04/20/06	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
07/20/06	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
10/06/06	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
01/17/07	<50	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
04/25/07	<50	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
07/27/07	<50	<2	<0.5	<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

WELL ID/ DATE	ETHANOL (µg/L)	TBA (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)
<b>C-12 (cont)</b>								
10/15/07	<50	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
01/07/08	<50	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
04/04/08	<50	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
<b>07/09/08</b>	<b>&lt;50</b>	<b>&lt;2</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>
<b>C-13</b>								
07/18/03	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
10/17/03	SAMPLED ANNUALLY		--	--	--	--	--	--
07/09/04	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
07/15/05	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
07/20/06	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
07/27/07	<50	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
<b>07/09/08</b>	<b>&lt;50</b>	<b>&lt;2</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>
<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
10/17/03	<50	29	5	<0.5	<0.5	<0.5	<0.5	<0.5
01/20/04	<50	17	3	<0.5	<0.5	<0.5	<0.5	<0.5
04/09/04	<50	17	3	<0.5	<0.5	<0.5	<0.5	<0.5
07/09/04	<50	23	5	<0.5	<0.5	<0.5	<0.5	<0.5
10/29/04	<50	31	5	<0.5	<0.5	<0.5	<0.5	<0.5
02/25/05	<50	8	1	<0.5	<0.5	<0.5	<0.5	<0.5
05/27/05	<50	32	4	<0.5	<0.5	<0.5	<0.5	<0.5
07/15/05	<50	33	5	<0.5	<0.5	<0.5	<0.5	<0.5
10/14/05	<50	30	5	<0.5	<0.5	<0.5	<0.5	<0.5
01/12/06	<50	30	5	<0.5	<0.5	<0.5	<0.5	<0.5
04/20/06	<50	<5	<0.5	<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

WELL ID/ DATE	ETHANOL (µg/L)	TBA (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)
<b>C-15 (cont)</b>								
07/20/06	<50	36	4	<0.5	<0.5	<0.5	<0.5	<0.5
10/06/06	<50	27	4	<0.5	<0.5	<0.5	<0.5	<0.5
01/17/07	<50	33	4	<0.5	<0.5	<0.5	<0.5	<0.5
04/25/07	<50	32	4	<0.5	<0.5	<0.5	<0.5	<0.5
07/27/07	<50	40	5	<0.5	<0.5	<0.5	<0.5	<0.5
10/15/07	<50	35	5	<0.5	<0.5	<0.5	<0.5	<0.5
01/07/08	<50	40	5	<0.5	<0.5	<0.5	<0.5	<0.5
04/04/08	<50	30	3	<0.5	<0.5	<0.5	<0.5	<0.5
<b>07/09/08</b>	<b>&lt;50</b>	<b>39</b>	<b>6</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>
<b>C-16</b>								
04/09/04	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
05/27/05	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
07/15/05	MONITORED/SAMPLED ANNUALLY		--	--	--	--	--	--
04/20/06	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
04/25/07	<50	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
04/04/08	<50	<2	<0.5	<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 = t-Butyl alcohol

MTBE = Methyl Tertiary Butyl Ether

DIPE = di-Isopropyl ether

ETBE = Ethyl t-butyl ether

TAME = t-Amyl methyl ether

1,2-DCA = 1,2-Dichloroethane

EDB = Ethylene dibromide

(µg/L) = Micrograms per liters

-- = 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 Environmental Management Company, the purge water and decontamination water generated during sampling activities is transported by IWM to Chemical Waste Management located in Kettleman Hills, California.



# GETTLER - RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-5607  
 Site Address: 5269 Crow Canyon Road  
 City: Castro Valley, CA

Job Number: 386539  
 Event Date: 7-9-08 (inclusive)  
 Sampler: Att

Well ID: C-1  
 Well Diameter: 213/43 in.  
 Total Depth: 4340 ft.  
 Depth to Water: 21.23 ft.

Date Monitored: 7-9-08

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

Depth to Water: 22.17 xVF .66 = 14.63 x3 case volume = Estimated Purge Volume: 43,89 gal.  
 Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 25.66

**Purge Equipment:**  
 Disposable Bailer \_\_\_\_\_  
 Stainless Steel Bailer \_\_\_\_\_  
 Stack Pump x \_\_\_\_\_  
 Suction Pump \_\_\_\_\_  
 Grundfos \_\_\_\_\_  
 Peristaltic Pump \_\_\_\_\_  
 QED Bladder Pump \_\_\_\_\_  
 Other: \_\_\_\_\_

**Sampling Equipment:**  
 Disposable Bailer ✓ \_\_\_\_\_  
 Pressure Bailer \_\_\_\_\_  
 Discrete Bailer \_\_\_\_\_  
 Peristaltic Pump \_\_\_\_\_  
 QED Bladder Pump \_\_\_\_\_  
 Other: \_\_\_\_\_

Time Started: \_\_\_\_\_ (2400 hrs)  
 Time Completed: \_\_\_\_\_ (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  
 Water Removed: \_\_\_\_\_  
 Product Transferred to: \_\_\_\_\_

Start Time (purge): 1135 Weather Conditions: Hot muggy  
 Sample Time/Date: 1225 7-9-08 Water Color: Dark Odor: SPIN  
 Approx. Flow Rate: 2.93 gpm. Sediment Description: Medium  
 Did well de-water? NO If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal. DTW @ Sampling: 23.77

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - µS)	Temperature (C/F)	D.O. (mg/L)	ORP (mV)
<u>1140</u>	<u>15</u>	<u>6.81</u>	<u>1.41</u>	<u>22.8</u>	_____	_____
<u>1145</u>	<u>30</u>	<u>6.74</u>	<u>1.36</u>	<u>23.1</u>	_____	_____
<u>1150</u>	<u>44</u>	<u>6.77</u>	<u>1.39</u>	<u>23.4</u>	_____	_____

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>C-1</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: \_\_\_\_\_ Add/Replaced Bolt: \_\_\_\_\_



# GETTLER-RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-5607 Job Number: 386539  
 Site Address: 5269 Crow Canyon Road Event Date: 7-9-08 (inclusive)  
 City: Castro Valley, CA Sampler: ALT

Well ID: C-3 Date Monitored: 7-9-08  
 Well Diameter: 213~~4~~ in. Volume 3/4"= 0.02 1"= 0.04 2"= 0.17 3"= 0.38  
 Total Depth: 31.63 ft. Factor (VF) 4"= 0.66 5"= 1.02 6"= 1.50 12"= 5.80  
 Depth to Water: 23.58 ft.  Check if water column is less than 0.50 ft.  
8.05 xVF .66 = 5.31 x3 case volume = Estimated Purge Volume: 15.93 gal.  
 Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 25.19

**Purge Equipment:** Disposable Bailer \_\_\_\_\_  
 Stainless Steel Bailer \_\_\_\_\_  
 Stack Pump X \_\_\_\_\_  
 Suction Pump \_\_\_\_\_  
 Grundfos \_\_\_\_\_  
 Peristaltic Pump \_\_\_\_\_  
 QED Bladder Pump \_\_\_\_\_  
 Other: \_\_\_\_\_

**Sampling Equipment:** Disposable Bailer X \_\_\_\_\_  
 Pressure Bailer \_\_\_\_\_  
 Discrete Bailer \_\_\_\_\_  
 Peristaltic Pump \_\_\_\_\_  
 QED Bladder Pump \_\_\_\_\_  
 Other: \_\_\_\_\_

Time Started: \_\_\_\_\_ (2400 hrs)  
 Time Completed: \_\_\_\_\_ (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  
 Water Removed: \_\_\_\_\_  
 Product Transferred to: \_\_\_\_\_

Start Time (purge): 1250 Weather Conditions: Hot muggy  
 Sample Time/Date: 1325 / 7-9-08 Water Color: DARK Odor: DN Strong odor  
 Approx. Flow Rate: 2.66 gpm. Sediment Description: MED. nm  
 Did well de-water? No If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal. DTW @ Sampling: 24.29

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - µS)	Temperature (°F)	D.O. (mg/L)	ORP (mV)
<u>1252</u>	<u>6</u>	<u>6.62</u>	<u>1.45</u>	<u>24.8</u>		
<u>1254</u>	<u>11</u>	<u>6.57</u>	<u>1.40</u>	<u>25.1</u>		
<u>1256</u>	<u>16</u>	<u>6.60</u>	<u>1.43</u>	<u>25.2</u>		

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>C-3</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: \_\_\_\_\_ Add/Replaced Bolt: \_\_\_\_\_



# GETTLER-RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-5607  
 Site Address: 5269 Crow Canyon Road  
 City: Castro Valley, CA

Job Number: 386539  
 Event Date: 7/9/08 (inclusive)  
 Sampler: SH

Well ID: C-6  
 Well Diameter: 2 1/4 in.  
 Total Depth: 30.35 ft.  
 Depth to Water: 14.66 ft.  
15.69 xVF .66 = 10.35

Date Monitored: 7/9/08

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

Check if water column is less than 0.50 ft.

Estimated Purge Volume: 31.06 gal.  
 Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 17.79

### Purge Equipment:

Disposable Bailer \_\_\_\_\_  
 Stainless Steel Bailer \_\_\_\_\_  
 Stack Pump X  
 Suction Pump \_\_\_\_\_  
 Grundfos \_\_\_\_\_  
 Peristaltic Pump \_\_\_\_\_  
 QED Bladder Pump \_\_\_\_\_  
 Other: \_\_\_\_\_

### Sampling Equipment:

Disposable Bailer X  
 Pressure Bailer \_\_\_\_\_  
 Discrete Bailer \_\_\_\_\_  
 Peristaltic Pump \_\_\_\_\_  
 QED Bladder Pump \_\_\_\_\_  
 Other: \_\_\_\_\_

Time Started: \_\_\_\_\_ (2400 hrs)  
 Time Completed: \_\_\_\_\_ (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  
 Water Removed: \_\_\_\_\_  
 Product Transferred to: \_\_\_\_\_

Start Time (purge): 1010 Weather Conditions: Clean  
 Sample Time/Date: 1055 | 7/9/08 Water Color: cloudy Odor: (Y) N  
 Approx. Flow Rate: 1 gpm. Sediment Description: 1.2/1.4  
 Did well de-water? no If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal. DTW @ Sampling: 17.21

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - µS)	Temperature (°C / °F)	D.O. (mg/L)	ORP (mV)
<u>1020</u>	<u>10</u>	<u>7.31</u>	<u>1138</u>	<u>23.2</u>		
<u>1030</u>	<u>20</u>	<u>7.23</u>	<u>1156</u>	<u>20.9</u>		
<u>1040</u>	<u>31</u>	<u>7.14</u>	<u>1172</u>	<u>21.5</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: \_\_\_\_\_ Add/Replaced Bolt: \_\_\_\_\_



# GETTLER-RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-5607  
 Site Address: 5269 Crow Canyon Road  
 City: Castro Valley, CA

Job Number: 386539  
 Event Date: 7-9-08 (inclusive)  
 Sampler: ALT

Well ID: C-7  
 Well Diameter: Ø13/4 in.  
 Total Depth: 26.95 ft.  
 Depth to Water: 8.80 ft.

Date Monitored: 7-9-08

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

Check if water column is less than 0.50 ft.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 12.43  
 xVF .17 = 3.08 x3 case volume = Estimated Purge Volume: 9.25 gal.

**Purge Equipment:**  
 Disposable Bailer X  
 Stainless Steel Bailer \_\_\_\_\_  
 Stack Pump \_\_\_\_\_  
 Suction Pump \_\_\_\_\_  
 Grundfos \_\_\_\_\_  
 Peristaltic Pump \_\_\_\_\_  
 QED Bladder Pump \_\_\_\_\_  
 Other: \_\_\_\_\_

**Sampling Equipment:**  
 Disposable Bailer X  
 Pressure Bailer \_\_\_\_\_  
 Discrete Bailer \_\_\_\_\_  
 Peristaltic Pump \_\_\_\_\_  
 QED Bladder Pump \_\_\_\_\_  
 Other: \_\_\_\_\_

Time Started: \_\_\_\_\_ (2400 hrs)  
 Time Completed: \_\_\_\_\_ (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  
 Water Removed: \_\_\_\_\_  
 Product Transferred to: \_\_\_\_\_

Start Time (purge): 0920 Weather Conditions: Clear Hot  
 Sample Time/Date: 1000 7-9-08 Water Color: cloudy Odor: Y100  
 Approx. Flow Rate: \_\_\_\_\_ gpm. Sediment Description: Light  
 Did well de-water? NO If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal. DTW @ Sampling: 10.01

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - µS)	Temperature (°/ F)	D.O. (mg/L)	ORP (mV)
<u>0927</u>	<u>3.25</u>	<u>7.02</u>	<u>1.09</u>	<u>20.3</u>	_____	_____
<u>0935</u>	<u>6.25</u>	<u>7.00</u>	<u>1.07</u>	<u>20.4</u>	_____	_____
<u>0942</u>	<u>9.25</u>	<u>7.03</u>	<u>1.11</u>	<u>20.1</u>	_____	_____

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>C-7</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: \_\_\_\_\_ Add/Replaced Bolt: \_\_\_\_\_



# GETTLER-RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-5607  
 Site Address: 5269 Crow Canyon Road  
 City: Castro Valley, CA

Job Number: 386539  
 Event Date: 7/9/08 (inclusive)  
 Sampler: JH

Well ID: C-9  
 Well Diameter: 213/4 in.  
 Total Depth: 27.27 ft.  
 Depth to Water: 11.06 ft.

Date Monitored: 7/9/08

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

Check if water column is less than 0.50 ft.  
 Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 14.30  
 xVF .66 = 10.69 x3 case volume = Estimated Purge Volume: 32.09 gal.

**Purge Equipment:**  
 Disposable Bailer \_\_\_\_\_  
 Stainless Steel Bailer \_\_\_\_\_  
 Stack Pump X  
 Suction Pump \_\_\_\_\_  
 Grundfos \_\_\_\_\_  
 Peristaltic Pump \_\_\_\_\_  
 QED Bladder Pump \_\_\_\_\_  
 Other: \_\_\_\_\_

**Sampling Equipment:**  
 Disposable Bailer \_\_\_\_\_  
 Pressure Bailer \_\_\_\_\_  
 Discrete Bailer \_\_\_\_\_  
 Peristaltic Pump \_\_\_\_\_  
 QED Bladder Pump \_\_\_\_\_  
 Other: \_\_\_\_\_

Time Started: \_\_\_\_\_ (2400 hrs)  
 Time Completed: \_\_\_\_\_ (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  
 Water Removed: \_\_\_\_\_  
 Product Transferred to: \_\_\_\_\_

Start Time (purge): 1245  
 Sample Time/Date: 1335 7/9/08  
 Approx. Flow Rate: 1 gpm.  
 Did well de-water? no If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal. DTW @ Sampling: \_\_\_\_\_  
 Weather Conditions: clear  
 Water Color: clear Odor: GIN  
 Sediment Description: white

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - (µS))	Temperature (°C / F)	D.O. (mg/L)	ORP (mV)
<u>1256</u>	<u>11</u>	<u>7.26</u>	<u>1154</u>	<u>21.2</u>		
<u>1307</u>	<u>22</u>	<u>7.04</u>	<u>1203</u>	<u>21.7</u>		
<u>1318</u>	<u>33</u>	<u>6.94</u>	<u>1244</u>	<u>21.4</u>		

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>C-9</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: \_\_\_\_\_ Add/Replaced Bolt: \_\_\_\_\_



# GETTLER-RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-5607 Job Number: 386539  
 Site Address: 5269 Crow Canyon Road Event Date: 7/9/08 (inclusive)  
 City: Castro Valley, CA Sampler: JH

Well ID: C-11 Date Monitored: 7/9/08  
 Well Diameter: 21 3/4 in.  
 Total Depth: 33.87 ft.  
 Depth to Water: 19.16 ft.  Check if water column is less than 0.50 ft.  
4.71 x VF .38 = 5.58 x3 case volume = Estimated Purge Volume: 16.76 gal.  
 Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 22.10

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 X \_\_\_\_\_  
 Suction Pump \_\_\_\_\_  
 Grundfos \_\_\_\_\_  
 Peristaltic Pump \_\_\_\_\_  
 QED Bladder Pump \_\_\_\_\_  
 Other: \_\_\_\_\_

### Sampling Equipment:

Disposable Bailer \_\_\_\_\_  
 Pressure Bailer \_\_\_\_\_  
 Discrete Bailer \_\_\_\_\_  
 Peristaltic Pump \_\_\_\_\_  
 QED Bladder Pump \_\_\_\_\_  
 Other: \_\_\_\_\_

Time Started: \_\_\_\_\_ (2400 hrs)  
 Time Completed: \_\_\_\_\_ (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  
 Water Removed: \_\_\_\_\_  
 Product Transferred to: \_\_\_\_\_

Start Time (purge): ~~1145~~ 1145 Weather Conditions: Clear  
 Sample Time/Date: 1220 7/9/08 Water Color: clear Odor: Y 10  
 Approx. Flow Rate: 1 gpm. Sediment Description: none  
 Did well de-water? no If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal. DTW @ Sampling: 21.83

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - µS)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
<u>1251</u>	<u>6</u>	<u>7.43</u>	<u>1142</u>	<u>20.8</u>	_____	_____
<u>1158</u>	<u>12</u>	<u>7.27</u>	<u>1193</u>	<u>20.3</u>	_____	_____
<u>1204</u>	<u>18</u>	<u>7.02</u>	<u>1207</u>	<u>20.1</u>	_____	_____

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>C-11</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: \_\_\_\_\_ Add/Replaced Bolt: \_\_\_\_\_





# GETTLER-RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-5607  
 Site Address: 5269 Crow Canyon Road  
 City: Castro Valley, CA

Job Number: 386539  
 Event Date: 7-9-08 (inclusive)  
 Sampler: ALL

Well ID: C-12  
 Well Diameter: 21(3)4 in.  
 Total Depth: 29.65 ft.  
 Depth to Water: 11.01 ft.

Date Monitored: 7-9-08

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

Check if water column is less than 0.50 ft.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 14.73  
 $18.64 \times VF .38 = 6.52$  x3 case volume = Estimated Purge Volume: 19.57 gal.

**Purge Equipment:**  
 Disposable Bailer \_\_\_\_\_  
 Stainless Steel Bailer \_\_\_\_\_  
 Stack Pump ✓  
 Suction Pump \_\_\_\_\_  
 Grundfos \_\_\_\_\_  
 Peristaltic Pump \_\_\_\_\_  
 QED Bladder Pump \_\_\_\_\_  
 Other: \_\_\_\_\_

**Sampling Equipment:**  
 Disposable Bailer ✓  
 Pressure Bailer \_\_\_\_\_  
 Discrete Bailer \_\_\_\_\_  
 Peristaltic Pump \_\_\_\_\_  
 QED Bladder Pump \_\_\_\_\_  
 Other: \_\_\_\_\_

Time Started: \_\_\_\_\_ (2400 hrs)  
 Time Completed: \_\_\_\_\_ (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  
 Water Removed: \_\_\_\_\_  
 Product Transferred to: \_\_\_\_\_

Start Time (purge): 1040 Weather Conditions: Clear/Hot  
 Sample Time/Date: 1115 17-9-08 Water Color: Cloudy Odor: YIN  
 Approx. Flow Rate: \_\_\_\_\_ gpm. Sediment Description: cloudy/Light  
 Did well de-water? no If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal. DTW @ Sampling: 11.93

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - µS)	Temperature (°F)	D.O. (mg/L)	ORP (mV)
<u>1042</u>	<u>7</u>	<u>7.13</u>	<u>1.06</u>	<u>19.9</u>	_____	_____
<u>1044</u>	<u>13.5</u>	<u>7.10</u>	<u>1.04</u>	<u>20.2</u>	_____	_____
<u>1046</u>	<u>20</u>	<u>7.17</u>	<u>1.09</u>	<u>20.4</u>	_____	_____

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>C-12</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: Spent 20 minutes with stainless steel Bailer clearing out roots

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



# GETTLER-RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-5607  
 Site Address: 5269 Crow Canyon Road  
 City: Castro Valley, CA

Job Number: 386539  
 Event Date: 7/9/08 (inclusive)  
 Sampler: JH

Well ID: C-13  
 Well Diameter: 21 3/4 in.  
 Total Depth: 28.51 ft.  
 Depth to Water: 9.55 ft.

Date Monitored: 7/9/08

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

Check if water column is less than 0.50 ft.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 13.34  
 $18.96 \times VF .38 = 7.20$  x3 case volume = Estimated Purge Volume: 21.61 gal.

**Purge Equipment:**  
 Disposable Bailer \_\_\_\_\_  
 Stainless Steel Bailer \_\_\_\_\_  
 Stack Pump X  
 Suction Pump \_\_\_\_\_  
 Grundfos \_\_\_\_\_  
 Peristaltic Pump \_\_\_\_\_  
 QED Bladder Pump \_\_\_\_\_  
 Other: \_\_\_\_\_

**Sampling Equipment:**  
 Disposable Bailer X  
 Pressure Bailer \_\_\_\_\_  
 Discrete Bailer \_\_\_\_\_  
 Peristaltic Pump \_\_\_\_\_  
 QED Bladder Pump \_\_\_\_\_  
 Other: \_\_\_\_\_

Time Started: \_\_\_\_\_ (2400 hrs)  
 Time Completed: \_\_\_\_\_ (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  
 Water Removed: \_\_\_\_\_  
 Product Transferred to: \_\_\_\_\_

Start Time (purge): 0900 Weather Conditions: clear  
 Sample Time/Date: 0945 7/9/08 Water Color: clear Odor: Y/N  
 Approx. Flow Rate: 1 gpm. Sediment Description: 1.5 ft  
 Did well de-water? no If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal. DTW @ Sampling: 11.83

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm - uS)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
<u>0907</u>	<u>7</u>	<u>7.13</u>	<u>793</u>	<u>22.7</u>		
<u>0914</u>	<u>11</u>	<u>7.04</u>	<u>814</u>	<u>22.0</u>		
<u>0921</u>	<u>21</u>	<u>6.92</u>	<u>801</u>	<u>21.8</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)/BTX+MTBE(8260)/ 8 OXYS (8260)</u>

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

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



# GETTLER - RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-5607  
 Site Address: 5269 Crow Canyon Road  
 City: Castro Valley, CA

Job Number: 386539  
 Event Date: 7/9/08 (inclusive)  
 Sampler: SA

Well ID: C-15  
 Well Diameter: 2 1/4 in.  
 Total Depth: 19.51 ft.  
 Depth to Water: 10.98 ft.

Date Monitored: 7/9/08

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

Check if water column is less than 0.50 ft.  
 Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 14.48  
 xVF 38 = 38 x3 case volume = Estimated Purge Volume: \_\_\_\_\_ gal.

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

**Sampling Equipment:**  
 Disposable Bailer X  
 Pressure Bailer \_\_\_\_\_  
 Discrete Bailer \_\_\_\_\_  
 Peristaltic Pump \_\_\_\_\_  
 QED Bladder Pump \_\_\_\_\_  
 Other: \_\_\_\_\_

Time Started: \_\_\_\_\_ (2400 hrs)  
 Time Completed: \_\_\_\_\_ (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  
 Water Removed: \_\_\_\_\_  
 Product Transferred to: \_\_\_\_\_

Start Time (purge): \_\_\_\_\_  
 Sample Time/Date: 1115 17/9/08  
 Approx. Flow Rate: \_\_\_\_\_ gpm.  
 Weather Conditions: clear  
 Water Color: cloudy Odor: 01N  
 Sediment Description: 1.5H  
 Did well de-water? no If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal. DTW @ Sampling: \_\_\_\_\_

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

### LABORATORY INFORMATION

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

COMMENTS: Well Down steep Hillside N/P sample taken

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

# Chevron California Region Analysis Request/Chain of Custody



For Lancaster Laboratories use only  
 Acct. #: 10904 Sample # 5412350-59 Group #: 003393

07 16 08 - 08

1100108

Facility #: <u>SS#9-5607-SMD G-R#386539 Global ID#T0600100344</u> Site Address: <u>5269 CROW CANYON ROAD, CASTRO VALLEY, CA</u> Chevron PM: <u>IR</u> Lead Consultant: <u>CRACE</u> Consultant/Office: <u>G-R, Inc., 6747 Sierra Court, Suite J, Dublin, Ca. 94568</u> Consultant Prj. Mgr.: <u>Deanna L. Harding (deanna@grinc.com)</u> Consultant Phone # <u>925-551-7555</u> Fax # <u>925-551-7899</u> Sampler: <u>Jim Heenan</u>	<b>Matrix</b> <input type="checkbox"/> Potable <input type="checkbox"/> NPDES <input type="checkbox"/> Soil <input type="checkbox"/> Water <input type="checkbox"/> Oil <input type="checkbox"/> Air	<b>Analyses Requested</b> Preservation Codes H H A BTEX + MTBE 8260 <input type="checkbox"/> 8021 <input type="checkbox"/> TPH 8015 MOD GRO TPH 8015 MOD DRO <input type="checkbox"/> Silica Gel Cleanup 8260 full scan Oxygenates (8260) Total Lead Method Dissolved Lead Method	<b>Preservative Codes</b> H = HCl T = Thiosulfate N = HNO <sub>3</sub> B = NaOH S = H <sub>2</sub> SO <sub>4</sub> O = Other <input type="checkbox"/> J value reporting needed <input checked="" type="checkbox"/> Must meet lowest detection limits possible for 8260 compounds 8021 MTBE Confirmation <input type="checkbox"/> Confirm highest hit by 8260 <input type="checkbox"/> Confirm all hits by 8260 <input type="checkbox"/> Run ___ oxy's on highest hit <input type="checkbox"/> Run ___ oxy's on all hits
--	---	--	---

Sample Identification	Date Collected	Time Collected	Grab	Composite	Matrix			Total Number of Containers	Analyses Requested			Preservative Codes	Comments / Remarks
					Soil	Water	Oil <input type="checkbox"/> Air		BTEX + MTBE 8260 <input type="checkbox"/> 8021 <input type="checkbox"/>	TPH 8015 MOD GRO	TPH 8015 MOD DRO <input type="checkbox"/> Silica Gel Cleanup		
QA	7/9/08												
C-1		1225	X			X	6	X	X		X		
C-3		1325	X			X	6	X	X		X		
C-6		1005	X			X	6	X	X		X		
C-7		1000	X			X	6	X	X		X		
C-9		1335	X			X	6	X	X		X		
C-11		1220	X			X	6	X	X		X		
C-12		0945	X			X	6	X	X		X		
C-13		0940	X			X	6	X	X		X		
C-15		1115	X			X	6	X	X		X		

<b>Turnaround Time Requested (TAT)</b> (please circle) 24 hour <input checked="" type="radio"/> 72 hour <input type="radio"/> 48 hour <input type="radio"/> 4 day <input type="radio"/> 5 day <input type="radio"/>	Relinquished by: <u>[Signature]</u> Date: <u>7/9/08</u> Time: <u>1430</u>	Received by: <u>[Signature]</u> Date: <u>07-10-08</u> Time: <u>1150</u>	
	Relinquished by: <u>[Signature]</u> Date: <u>07-10-08</u> Time: <u>1150</u>	Received by: <u>[Signature]</u> Date: <u>7/10/08</u> Time: <u>1341</u>	
	Relinquished by: <u>[Signature]</u> Date: <u>10/30/08</u> Time: <u>1630</u>	Received by: <u>DHL</u> Date: <u>08</u> Time: <u>0910</u>	
<b>Data Package Options</b> (please circle if required) QC Summary <input type="checkbox"/> Type I - Full <input type="checkbox"/> Type VI (Raw Data) <input type="checkbox"/> Coelt Deliverable not needed <input type="checkbox"/> WIP (RWQCB) <input type="checkbox"/> Disk <input type="checkbox"/>	Relinquished by Commercial Carrier: UPS <input type="checkbox"/> FedEx <input type="checkbox"/> Other <u>DHL</u> Temperature Upon Receipt: <u>1.1-2.6</u> C°	Received by: <u>[Signature]</u> Date: <u>7-11-08</u> Time: <u>0910</u> Custody Seals Intact? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	

## ANALYTICAL RESULTS

Prepared for:

Chevron  
6001 Bollinger Canyon Rd L4310  
San Ramon CA 94583

925-842-8582

Prepared by:

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

## SAMPLE GROUP

The sample group for this submittal is 1100108. Samples arrived at the laboratory on Friday, July 11, 2008. The PO# for this group is 0015024486 and the release number is ROBB.

<u>Client Description</u>	<u>Lancaster Labs Number</u>
QA-T-080709 NA Water	5412350
C-1-W-080709 Grab Water	5412351
C-3-W-080709 Grab Water	5412352
C-6-W-080709 Grab Water	5412353
C-7-W-080709 Grab Water	5412354
C-9-W-080709 Grab Water	5412355
C-11-W-080709 Grab Water	5412356
C-12-W-080709 Grab Water	5412357
C-13-W-080709 Grab Water	5412358
C-15-W-080709 Grab Water	5412359

ELECTRONIC      CRA c/o Gettler-Ryan  
COPY TO

Attn: Cheryl Hansen

Questions? Contact your Client Services Representative  
Angela M Miller at (717) 656-2300

Respectfully Submitted,



Marla S. Lord  
Senior Specialist



# Analysis Report

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Lancaster Laboratories Sample No. WW5412350

Group No. 1100108

QA-T-080709 NA Water  
 Facility# 95607 Job# 386539 GRD  
 5269 Crow Canyon-Castro Valley T0600100344 QA  
 Collected: 07/09/2008

Account Number: 10904

Submitted: 07/11/2008 09:10  
 Reported: 07/23/2008 at 12:45  
 Discard: 08/23/2008

Chevron  
 6001 Bollinger Canyon Rd L4310  
 San Ramon CA 94583

5607Q

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	N.D.	50.	ug/l	1
06054	BTEX+MTBE by 8260B					
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

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

## Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01728	TPH-GRO - Waters	SW-846 8015B modified	1	07/21/2008 15:36	Carrie E Youtzy	1
06054	BTEX+MTBE by 8260B	SW-846 8260B	1	07/15/2008 18:04	Anita M Dale	1
01146	GC VOA Water Prep	SW-846 5030B	1	07/21/2008 15:36	Carrie E Youtzy	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	07/15/2008 18:04	Anita M Dale	1



# Analysis Report

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Lancaster Laboratories Sample No. WW5412351

Group No. 1100108

C-1-W-080709 Grab Water  
Facility# 95607 Job# 386539 GRD  
5269 Crow Canyon-Castro Valley T0600100344 C-1  
Collected: 07/09/2008 12:25 by JH

Account Number: 10904

Submitted: 07/11/2008 09:10  
Reported: 07/23/2008 at 12:45  
Discard: 08/23/2008

Chevron  
6001 Bollinger Canyon Rd L4310  
San Ramon CA 94583

56071

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	6,800.	250.	ug/l	5
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH					
01587	Ethanol	64-17-5	N.D.	100.	ug/l	2
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	1.	ug/l	2
02011	di-Isopropyl ether	108-20-3	N.D.	1.	ug/l	2
02013	Ethyl t-butyl ether	637-92-3	N.D.	1.	ug/l	2
02014	t-Amyl methyl ether	994-05-8	N.D.	1.	ug/l	2
02015	t-Butyl alcohol	75-65-0	11.	4.	ug/l	2
05401	Benzene	71-43-2	490.	10.	ug/l	20
05402	1,2-Dichloroethane	107-06-2	N.D.	1.	ug/l	2
05407	Toluene	108-88-3	78.	1.	ug/l	2
05412	1,2-Dibromoethane	106-93-4	N.D.	1.	ug/l	2
05415	Ethylbenzene	100-41-4	430.	10.	ug/l	20
06310	Xylene (Total)	1330-20-7	130.	1.	ug/l	2

State of California Lab Certification No. 2116

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

## Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01728	TPH-GRO - Waters	SW-846 8015B modified	1	07/21/2008 21:14	Carrie E Youtzy	5
01594	BTEX+5	SW-846 8260B	1	07/16/2008 05:32	Michael A Ziegler	2
01594	Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	07/16/2008 05:55	Michael A Ziegler	20
01146	BTEX+5	SW-846 8260B	1	07/16/2008 05:32	Michael A Ziegler	2
01146	GC VOA Water Prep	SW-846 5030B	1	07/21/2008 21:14	Carrie E Youtzy	5
01163	GC/MS VOA Water Prep	SW-846 5030B	1	07/16/2008 05:32	Michael A Ziegler	2
01163	GC/MS VOA Water Prep	SW-846 5030B	2	07/16/2008 05:55	Michael A Ziegler	20





# Analysis Report

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Lancaster Laboratories Sample No. WW5412352

Group No. 1100108

C-3-W-080709 Grab Water  
Facility# 95607 Job# 386539 GRD  
5269 Crow Canyon-Castro Valley T0600100344 C-3  
Collected: 07/09/2008 13:25 by JH

Account Number: 10904

Submitted: 07/11/2008 09:10  
Reported: 07/23/2008 at 12:45  
Discard: 08/23/2008

Chevron  
6001 Bollinger Canyon Rd L4310  
San Ramon CA 94583

56073

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	39,000.	1,300.	ug/l	25
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH					
01587	Ethanol	64-17-5	N.D.	500.	ug/l	10
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	5.	ug/l	10
02011	di-Isopropyl ether	108-20-3	N.D.	5.	ug/l	10
02013	Ethyl t-butyl ether	637-92-3	N.D.	5.	ug/l	10
02014	t-Amyl methyl ether	994-05-8	N.D.	5.	ug/l	10
02015	t-Butyl alcohol	75-65-0	77.	20.	ug/l	10
05401	Benzene	71-43-2	10,000.	50.	ug/l	100
05402	1,2-Dichloroethane	107-06-2	N.D.	5.	ug/l	10
05407	Toluene	108-88-3	510.	5.	ug/l	10
05412	1,2-Dibromoethane	106-93-4	N.D.	5.	ug/l	10
05415	Ethylbenzene	100-41-4	2,700.	50.	ug/l	100
06310	Xylene (Total)	1330-20-7	5,000.	50.	ug/l	100

State of California Lab Certification No. 2116

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

## Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis			Analyst	Dilution Factor
			Trial#	Date and Time			
01728	TPH-GRO - Waters	SW-846 8015B modified	1	07/21/2008 21:34	Carrie E Youtzy	25	
01594	BTEX+5	SW-846 8260B	1	07/16/2008 06:19	Michael A Ziegler	10	
01594	Oxygenates+EDC+EDB+ETOH						
01594	BTEX+5	SW-846 8260B	1	07/16/2008 06:42	Michael A Ziegler	100	
01146	GC VOA Water Prep	SW-846 5030B	1	07/21/2008 21:34	Carrie E Youtzy	25	
01163	GC/MS VOA Water Prep	SW-846 5030B	1	07/16/2008 06:19	Michael A Ziegler	10	
01163	GC/MS VOA Water Prep	SW-846 5030B	2	07/16/2008 06:42	Michael A Ziegler	100	



# Analysis Report

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Lancaster Laboratories Sample No. WW5412353

Group No. 1100108

C-6-W-080709 Grab Water  
Facility# 95607 Job# 386539 GRD  
5269 Crow Canyon-Castro Valley T0600100344 C-6  
Collected: 07/09/2008 10:55 by JH

Account Number: 10904

Submitted: 07/11/2008 09:10  
Reported: 07/23/2008 at 12:46  
Discard: 08/23/2008

Chevron  
6001 Bollinger Canyon Rd L4310  
San Ramon CA 94583

56076

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Dilution Factor
				Method Detection Limit	Units	
01728	TPH-GRO - Waters	n.a.	29,000.	2,500.	ug/l	50
01594	BTEX+5 Oxygenates+EDC+EDE+ETOH					
01587	Ethanol	64-17-5	N.D.	500.	ug/l	10
02010	Methyl Tertiary Butyl Ether	1634-04-4	7.	5.	ug/l	10
02011	di-Isopropyl ether	108-20-3	N.D.	5.	ug/l	10
02013	Ethyl t-butyl ether	637-92-3	N.D.	5.	ug/l	10
02014	t-Amyl methyl ether	994-05-8	N.D.	5.	ug/l	10
02015	t-Butyl alcohol	75-65-0	70.	20.	ug/l	10
05401	Benzene	71-43-2	11,000.	50.	ug/l	100
05402	1,2-Dichloroethane	107-06-2	N.D.	5.	ug/l	10
05407	Toluene	108-88-3	250.	5.	ug/l	10
05412	1,2-Dibromoethane	106-93-4	N.D.	5.	ug/l	10
05415	Ethylbenzene	100-41-4	1,600.	5.	ug/l	10
06310	Xylene (Total)	1330-20-7	570.	5.	ug/l	10

State of California Lab Certification No. 2116

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

## Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis		Analyst	Dilution Factor
				Date and Time			
01728	TPH-GRO - Waters	SW-846 8015B modified	1	07/21/2008	21:54	Carrie E Youtzy	50
01594	BTEX+5	SW-846 8260B	1	07/16/2008	07:05	Michael A Ziegler	10
01594	Oxygenates+EDC+EDE+ETOH	SW-846 8260B	1	07/16/2008	07:29	Michael A Ziegler	100
01146	BTEX+5	SW-846 8260B	1	07/16/2008	07:05	Michael A Ziegler	10
01146	GC VOA Water Prep	SW-846 5030B	1	07/21/2008	21:54	Carrie E Youtzy	50
01163	GC/MS VOA Water Prep	SW-846 5030B	1	07/16/2008	07:05	Michael A Ziegler	10
01163	GC/MS VOA Water Prep	SW-846 5030B	2	07/16/2008	07:29	Michael A Ziegler	100



# Analysis Report

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Lancaster Laboratories Sample No. WW5412354

Group No. 1100108

C-7-W-080709 Grab Water  
Facility# 95607 Job# 386539 GRD  
5269 Crow Canyon-Castro Valley T0600100344 C-7  
Collected: 07/09/2008 10:00 by JH

Account Number: 10904

Submitted: 07/11/2008 09:10  
Reported: 07/23/2008 at 12:46  
Discard: 08/23/2008

Chevron  
6001 Bollinger Canyon Rd L4310  
San Ramon CA 94583

56077

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	N.D.	50.	ug/l	1
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	0.9	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.	2.	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

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

## Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01728	TPH-GRO - Waters	SW-846 8015B modified	1	07/21/2008 22:14	Carrie E Youtzy	1
01594	BTEX+5	SW-846 8260B	1	07/15/2008 21:21	Michael A Ziegler	1
01146	Oxygenates+EDC+EDB+ETOH	SW-846 5030B	1	07/21/2008 22:14	Carrie E Youtzy	1
01163	GC VOA Water Prep	SW-846 5030B	1	07/15/2008 21:21	Michael A Ziegler	1



# Analysis Report

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

Lancaster Laboratories Sample No. WW5412355

Group No. 1100108

C-9-W-080709 Grab Water  
Facility# 95607 Job# 386539 GRD  
5269 Crow Canyon-Castro Valley T0600100344 C-9  
Collected: 07/09/2008 13:35 by JH

Account Number: 10904

Submitted: 07/11/2008 09:10  
Reported: 07/23/2008 at 12:46  
Discard: 08/23/2008

Chevron  
6001 Bollinger Canyon Rd L4310  
San Ramon CA 94583

56079

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	4,500.	250.	ug/l	5
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	13.	2.	ug/l	1
05401	Benzene	71-43-2	320.	5.	ug/l	10
05402	1,2-Dichloroethane	107-06-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	5.	0.5	ug/l	1
05412	1,2-Dibromoethane	106-93-4	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	150.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	9.	0.5	ug/l	1

State of California Lab Certification No. 2116

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

## Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis		Analyst	Dilution Factor
				Date	Time		
01728	TPH-GRO - Waters	SW-846 8015B modified	1	07/21/2008	22:34	Carrie E Youtzy	5
01594	BTEX+5	SW-846 8260B	1	07/15/2008	21:45	Michael A Ziegler	1
01594	Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	07/15/2008	22:08	Michael A Ziegler	10
01146	BTEX+5	SW-846 8260B	1	07/15/2008	21:45	Michael A Ziegler	1
01146	Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	07/15/2008	22:08	Michael A Ziegler	10
01146	GC VOA Water Prep	SW-846 5030B	1	07/21/2008	22:34	Carrie E Youtzy	5
01163	GC/MS VOA Water Prep	SW-846 5030B	1	07/15/2008	21:45	Michael A Ziegler	1
01163	GC/MS VOA Water Prep	SW-846 5030B	2	07/15/2008	22:08	Michael A Ziegler	10



# Analysis Report

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

Lancaster Laboratories Sample No. WW5412356

Group No. 1100108

C-11-W-080709 Grab Water  
Facility# 95607 Job# 386539 GRD  
5269 Crow Canyon-Castro Valley T0600100344 C-11  
Collected: 07/09/2008 12:20 by JH

Account Number: 10904

Submitted: 07/11/2008 09:10  
Reported: 07/23/2008 at 12:46  
Discard: 08/23/2008

Chevron  
6001 Bollinger Canyon Rd L4310  
San Ramon CA 94583

60711

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	N.D.	50.	ug/l	1
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.	2.	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

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

## Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
01728	TPH-GRO - Waters	SW-846 8015B modified	1	07/21/2008 22:54	Carrie E Youtzy	1
01594	BTEX+5	SW-846 8260B	1	07/15/2008 22:32	Michael A Ziegler	1
01146	Oxygenates+EDC+EDE+ETOH	GC VOA Water Prep	1	07/21/2008 22:54	Carrie E Youtzy	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	07/15/2008 22:32	Michael A Ziegler	1



# Analysis Report

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Page 1 of 1

Lancaster Laboratories Sample No. WW5412357

Group No. 1100108

C-12-W-080709 Grab Water  
 Facility# 95607 Job# 386539 GRD  
 5269 Crow Canyon-Castro Valley T0600100344 C-12  
 Collected: 07/09/2008 11:15 by JH

Account Number: 10904

Submitted: 07/11/2008 09:10  
 Reported: 07/23/2008 at 12:47  
 Discard: 08/23/2008

Chevron  
 6001 Bollinger Canyon Rd L4310  
 San Ramon CA 94583

60712

CAT No.	Analysis Name	CAS Number	As Received	As Received	Units	Dilution Factor
			Result	Method Detection Limit		
01728	TPH-GRO - Waters	n.a.	360.	50.	ug/l	1
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.	2.	ug/l	1
05401	Benzene	71-43-2	11.	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	2.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	0.8	0.5	ug/l	1

State of California Lab Certification No. 2116

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

## Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis		Analyst	Dilution Factor
				Date and Time			
01728	TPH-GRO - Waters	SW-846 8015B modified	1	07/21/2008	23:14	Carrie E Youtzy	1
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH	SW-846 8260E	1	07/15/2008	23:42	Michael A Ziegler	1
01146	GC VOA Water Prep	SW-846 5030B	1	07/21/2008	23:14	Carrie E Youtzy	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	07/15/2008	23:42	Michael A Ziegler	1

Lancaster Laboratories Sample No. **WW5412358**

Group No. **1100108**

C-13-W-080709 Grab Water  
 Facility# 95607 Job# 386539 GRD  
 5269 Crow Canyon-Castro Valley T0600100344 C-13  
 Collected: 07/09/2008 09:45 by JH

Account Number: 10904

Submitted: 07/11/2008 09:10  
 Reported: 07/23/2008 at 12:47  
 Discard: 08/23/2008

Chevron  
 6001 Bollinger Canyon Rd L4310  
 San Ramon CA 94583

60713

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Dilution Factor
				Method	Units	
01728	TPH-GRO - Waters	n.a.	1,200.	Detection Limit 50.	ug/l	1
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.	2.	ug/l	1
05401	Benzene	71-43-2	13.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	1.	0.5	ug/l	1
05412	1,2-Dibromoethane	106-93-4	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	18.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	3.	0.5	ug/l	1

State of California Lab Certification No. 2116

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

### Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
01728	TPH-GRO - Waters	SW-846 8015B modified	1	07/21/2008 23:34	Carrie E Youtzy	1
01594	BTEX+5	SW-846 8260B	1	07/16/2008 00:05	Michael A Ziegler	1
01146	Oxygenates+EDC+EDB+ETOH	SW-846 5030B	1	07/21/2008 23:34	Carrie E Youtzy	1
01163	GC VOA Water Prep	SW-846 5030B	1	07/16/2008 00:05	Michael A Ziegler	1

Lancaster Laboratories Sample No. WW5412359

Group No. 1100108

C-15-W-080709 Grab Water

Facility# 95607 Job# 386539 GRD

5269 Crow Canyon-Castro Valley T0600100344 C-15

Collected: 07/09/2008 11:15 by JH

Account Number: 10904

Submitted: 07/11/2008 09:10

Reported: 07/23/2008 at 12:47

Discard: 08/23/2008

Chevron

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

60715

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Units	Dilution Factor
				Method	Detection Limit		
01728	TPH-GRO - Waters	n.a.	520.	50.		ug/l	1
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	6.	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	39.	2.		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	1.	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	1.	0.5		ug/l	1

State of California Lab Certification No. 2116

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

## Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis		Analyst	Dilution Factor
				Date and Time			
01728	TPH-GRO - Waters	SW-846 8015B modified	1	07/21/2008 23:54		Carrie E Youtzy	1
01594	BTEX+5	SW-846 8260B	1	07/16/2008 00:28		Michael A Ziegler	1
01146	Oxygenates+EDC+EDB+ETOH	SW-846 5030B	1	07/21/2008 23:54		Carrie E Youtzy	1
01163	GC VOA Water Prep	SW-846 5030B	1	07/16/2008 00:28		Michael A Ziegler	1



## Quality Control Summary

 Client Name: Chevron  
 Reported: 07/23/08 at 12:47 PM

Group Number: 1100108

Matrix QC may not be reported if site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

### 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: 08200A15A TPH-GRO - Waters	Sample number(s): 5412350-5412359			91	91	75-135	0	30
	N.D.	50.	ug/l					
Batch number: D081973AA	Sample number(s): 5412351-5412359							
Ethanol	N.D.	50.	ug/l	110		31-166		
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	90		73-119		
di-Isopropyl ether	N.D.	0.5	ug/l	95		70-123		
Ethyl t-butyl ether	N.D.	0.5	ug/l	94		74-120		
t-Amyl methyl ether	N.D.	0.5	ug/l	92		79-113		
t-Butyl alcohol	N.D.	2.	ug/l	92		74-117		
Benzene	N.D.	0.5	ug/l	93		78-119		
1,2-Dichloroethane	N.D.	0.5	ug/l	93		69-135		
Toluene	N.D.	0.5	ug/l	99		85-115		
1,2-Dibromoethane	N.D.	0.5	ug/l	93		81-114		
Ethylbenzene	N.D.	0.5	ug/l	96		82-119		
Xylene (Total)	N.D.	0.5	ug/l	93		83-113		
Batch number: Z081972AA	Sample number(s): 5412350							
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	100		73-119		
Benzene	N.D.	0.5	ug/l	97		78-119		
Toluene	N.D.	0.5	ug/l	103		85-115		
Ethylbenzene	N.D.	0.5	ug/l	106		82-119		
Xylene (Total)	N.D.	0.5	ug/l	107		83-113		

### Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike  
 Background (BKG) = the sample used in conjunction with the duplicate

<u>Analysis Name</u>	<u>MS %REC</u>	<u>MSD %REC</u>	<u>MS/MSD Limits</u>	<u>RPD</u>	<u>RPD MAX</u>	<u>BKG Conc</u>	<u>DUP Conc</u>	<u>DUP RPD</u>	<u>Dup RPD Max</u>
Batch number: 08200A15A TPH-GRO - Waters	Sample number(s): 5412350-5412359			UNSPK: P413498					
	109		63-154						
Batch number: D081973AA	Sample number(s): 5412351-5412359			UNSPK: 5412356					
Ethanol	98	136	32-164	32*	30				
Methyl Tertiary Butyl Ether	84	86	69-127	2	30				
di-Isopropyl ether	91	93	68-129	3	30				
Ethyl t-butyl ether	88	90	78-119	2	30				
t-Amyl methyl ether	84	83	72-125	1	30				
t-Butyl alcohol	87	85	70-121	2	30				
Benzene	92	94	83-128	2	30				
1,2-Dichloroethane	87	89	70-143	2	30				
Toluene	96	98	83-127	2	30				
1,2-Dibromoethane	87	87	78-120	0	30				

\*- Outside of specification

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

## Quality Control Summary

Client Name: Chevron  
Reported: 07/23/08 at 12:47 PM

Group Number: 1100108

### Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike  
Background (BKG) = the sample used in conjunction with the duplicate

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Ethylbenzene	94	97	82-129	2	30				
Xylene (Total)	91	93	82-130	3	30				
Batch number: Z081972AA      Sample number(s): 5412350      UNSPK: P412329									
Methyl Tertiary Butyl Ether	99	98	69-127	1	30				
Benzene	106	105	83-128	0	30				
Toluene	110	110	83-127	1	30				
Ethylbenzene	113	112	82-129	0	30				
Xylene (Total)	113	110	82-130	2	30				

### Surrogate Quality Control

Surrogate recoveries which are outside of the QC window are confirmed unless attributed to dilution or otherwise noted on the Analysis Report.

Analysis Name: TPH-GRO - Waters  
Batch number: 08200A15A  
Trifluorotoluene-F

5412350	90
5412351	185*
5412352	113
5412353	106
5412354	97
5412355	141*
5412356	98
5412357	107
5412358	113
5412359	109
Blank	93
LCS	116
LCSD	110
MS	109

Limits: 63-135

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

Batch number: D081973AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5412351	81	83	92	98
5412352	81	85	95	101
5412353	81	84	96	100
5412354	89	90	97	100
5412355	88	87	99	101
5412356	84	86	91	95
5412357	84	85	93	97
5412358	81	80	92	97
5412359	82	83	94	99
Blank	89	90	96	101

\*- Outside of specification

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

## Quality Control Summary

Client Name: Chevron  
Reported: 07/23/08 at 12:47 PM

Group Number: 1100108

### Surrogate Quality Control

LCS	89	92	97	105
MS	84	86	90	97
MSD	84	85	90	98
Limits:	80-116	77-113	80-113	78-113
Analysis Name: BTEX+MTBE by 8260B				
Batch number: Z081972AA				
	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5412350	97	91	103	97
Blank	97	90	104	97
LCS	98	92	103	100
MS	97	94	103	100
MSD	98	94	102	100
Limits:	80-116	77-113	80-113	78-113

\*- Outside of specification

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

## Lancaster Laboratories 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>Cal</b>	(diet) calories	<b>lb.</b>	pound(s)
<b>meq</b>	milliequivalents	<b>kg</b>	kilogram(s)
<b>g</b>	gram(s)	<b>mg</b>	milligram(s)
<b>ug</b>	microgram(s)	<b>l</b>	liter(s)
<b>ml</b>	milliliter(s)	<b>ul</b>	microliter(s)
<b>m3</b>	cubic meter(s)	<b>fib &gt;5 um/ml</b>	fibers greater than 5 microns in length per ml
<b>&lt;</b>	less than – The number following the sign is the <u>limit of quantitation</u> , the smallest amount of analyte which can be reliably determined using this specific test.		
<b>&gt;</b>	greater than		
<b>ppm</b>	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.		
<b>ppb</b>	parts per billion		
<b>Dry weight basis</b>	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.		

### U.S. EPA data qualifiers:

Organic Qualifiers	Inorganic Qualifiers
<b>A</b> TIC is a possible aldol-condensation product	<b>B</b> Value is <CRDL, but ≥IDL
<b>B</b> Analyte was also detected in the blank	<b>E</b> Estimated due to interference
<b>C</b> Pesticide result confirmed by GC/MS	<b>M</b> Duplicate injection precision not met
<b>D</b> Compound quantitated on a diluted sample	<b>N</b> Spike amount not within control limits
<b>E</b> Concentration exceeds the calibration range of the instrument	<b>S</b> Method of standard additions (MSA) used for calculation
<b>J</b> Estimated value	<b>U</b> Compound was not detected
<b>N</b> Presumptive evidence of a compound (TICs only)	<b>W</b> Post digestion spike out of control limits
<b>P</b> Concentration difference between primary and confirmation columns >25%	<b>*</b> Duplicate analysis not within control limits
<b>U</b> Compound was not detected	<b>+</b> Correlation coefficient for MSA <0.995
<b>X,Y,Z</b> Defined in case narrative	

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

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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