



# GETTLER-RYAN INC.

## TRANSMITTAL

9-0290  
 November 17, 2000  
 G-R #385280

**TO:** Mr. James Brownell  
 Delta Environmental Consultants, Inc.  
 3164 Gold Camp Drive, Suite 200  
 Rancho Cordova, California 95670

**CC:** Mr. Thomas Bauhs  
 Chevron Products Company  
 P.O. Box 6004  
 San Ramon, California 94583

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

**RE:** Chevron Service Station  
 #9-0290  
 1802 Webster Street  
 Alameda, California

WE HAVE ENCLOSED THE FOLLOWING:

COPIES	DATED	DESCRIPTION
2	November 9, 2000	Groundwater Monitoring and Sampling Report Third Quarter Event of August 8, 2000

**COMMENTS:**

Enclosed are copies of the above referenced report for your review and distribution to the following:

Ms. Eva Chu, Alameda County Health Care Services, Department of Environmental Health, 1131 Harbor Bay Parkway,  
 Alameda, CA 94502

Please provide any comments/changes and propose any groundwater monitoring modifications for the next event prior to **November 30, 2000**, at which time the final report will be distributed to the following:

Mr. Greg Gurs, Gettler-Ryan Inc., 3164 Gold Camp Drive, Suite 240, Rancho Cordova, CA 95670  
 Mr. Arnold Cherry, 10 Kelsey Court, Pleasant Hill, CA 94523

Enclosures

trans/9-0290.tb



# GETTLER-RYAN INC.

November 9, 2000  
G-R Job #385280

Mr. Thomas Bauhs  
Chevron Products Company  
P.O. Box 6004  
San Ramon, CA 94583

**RE: Third Quarter Event of August 8, 2000**  
Groundwater Monitoring & Sampling Report  
Chevron Service Station #9-0290  
1802 Webster Street  
Alameda, California

Dear Mr. Bauhs:

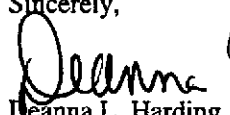
This report documents the most recent groundwater monitoring and sampling event performed by Gettler-Ryan Inc. (G-R) at the referenced site. All field work was conducted in accordance with G-R Standard Operating Procedure - Groundwater Sampling (attached).

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

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

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

Sincerely,

  
Deanna L. Harding  
Project Coordinator

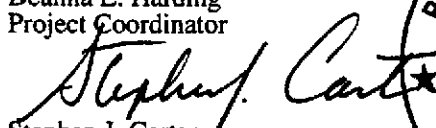
  
Stephen J. Carter  
Senior Geologist, R.G. No. 5577



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

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
 Chevron Service Station #9-0290  
 1802 Webster Street  
 Alameda, California

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

DATE	TOC	GWE	DTW	SPHT	SPH Removed	Total SPH Removed	Notes	TPH- Diesel	TPH- Gasoline	Benzene	Toluene	Ethyl- Benzene	Xylenes	MTBE	TOG
A-1															
09/20/91	8.13	0.48	9.23	1.58	--	--	--	--	--	--	--	--	--	--	--
10/09/91	8.13	1.46	6.67	0.00	--	--	--	--	--	--	--	--	--	--	--
10/17/91	8.13	1.43	7.28	0.58	--	--	--	--	--	--	--	--	--	--	--
10/23/91	8.13	1.36	7.42	0.65	--	--	--	--	--	--	--	--	--	--	--
11/01/91	8.13	1.49	7.14	0.50	--	--	--	--	--	--	--	--	--	--	--
11/07/91	8.13	1.50	7.14	0.51	--	--	--	--	--	--	--	--	--	--	--
11/15/91	8.13	1.47	7.19	0.53	--	--	--	--	--	--	--	--	--	--	--
11/21/91	8.13	1.28	7.28	0.54	--	--	--	--	--	--	--	--	--	--	--
12/12/91	8.13	1.29	7.33	0.49	--	--	--	--	--	--	--	--	--	--	--
12/30/91	8.13	1.73	6.76	0.36	--	--	--	--	--	--	--	--	--	--	--
01/13/92	8.13	2.21	6.29	0.37	--	--	--	--	--	--	--	--	--	--	--
01/22/92	8.13	2.15	6.43	0.45	--	--	--	--	--	--	--	--	--	--	--
02/12/92	8.13	2.21	6.30	0.38	--	--	--	--	--	--	--	--	--	--	--
03/09/92	8.13	3.14	5.30	0.31	--	--	--	--	--	--	--	--	--	--	--
04/10/92	8.13	2.83	5.37	0.07	--	--	--	--	--	--	--	--	--	--	--
05/18/92	8.13	2.39	6.14	0.40	--	--	--	--	--	--	--	--	--	--	--
01/06/93	8.13	--	--	--	--	--	--	--	--	--	--	--	--	--	--
02/03/93	8.13	--	--	--	--	--	--	--	--	--	--	--	--	--	--
04/23/93	11.56	6.19	5.85	0.60	--	--	--	--	--	--	--	--	--	--	--
06/11/93	11.56	--	--	--	2.000	2.000	--	--	--	--	--	--	--	--	--
06/15/93	11.56	--	--	--	0.130	2.130	--	--	--	--	--	--	--	--	--
06/18/93	11.56	--	--	--	0.130	2.260	--	--	--	--	--	--	--	--	--
06/22/93	11.56	--	--	--	0.500	2.760	--	--	--	--	--	--	--	--	--
06/29/93	11.56	--	--	--	--	2.760	--	--	--	--	--	--	--	--	--
07/09/93	11.56	--	--	--	--	2.760	--	--	--	--	--	--	--	--	--
07/15/93	11.56	--	--	--	--	2.760	--	--	--	--	--	--	--	--	--
07/19/93	11.56	5.54	6.23	0.26	2.000	4.760	--	--	--	--	--	--	--	--	--
07/20/93	11.56	--	--	--	--	4.760	--	--	--	--	--	--	--	--	--
07/27/93	11.56	--	--	--	--	4.760	--	--	--	--	--	--	--	--	--
08/06/93	11.56	--	--	--	--	4.760	--	--	--	--	--	--	--	--	--

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-0290  
1802 Webster Street  
Alameda, California

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

DATE	TOC	GWE	DTW	SPHT	SPH Removed	Total SPH Removed	Notes	TPH- Diesel	TPH- Gasoline	Benzene	Toluene	Ethyl- Benzene	Xylenes	MTBE	TOG
A-1 (cont)															
08/10/93	11.56	--	--	--	--	4.760	--	--	--	--	--	--	--	--	--
08/16/93	11.56	--	--	--	--	4.760	--	--	--	--	--	--	--	--	--
09/16/93	11.56	--	--	--	--	4.760	--	--	--	--	--	--	--	--	--
09/24/93	11.56	--	--	--	--	4.760	--	--	--	--	--	--	--	--	--
10/01/93	11.56	--	--	--	--	4.760	--	--	--	--	--	--	--	--	--
10/07/93	11.56	--	--	--	--	4.760	--	--	--	--	--	--	--	--	--
10/13/93	11.56	--	--	--	--	4.760	--	--	--	--	--	--	--	--	--
10/19/93	11.56	--	--	0.10	--	4.760	--	--	--	--	--	--	--	--	--
10/20/93	11.56	--	--	--	--	4.760	--	--	--	--	--	--	--	--	--
10/28/93	11.56	--	--	--	--	4.760	--	--	--	--	--	--	--	--	--
11/12/93	11.56	--	--	--	--	4.760	--	--	--	--	--	--	--	--	--
11/19/93	11.56	--	--	--	--	4.760	--	--	--	--	--	--	--	--	--
11/30/93	11.56	--	--	--	--	4.760	--	--	--	--	--	--	--	--	--
12/10/93	11.56	--	--	--	--	4.760	--	--	--	--	--	--	--	--	--
12/16/93	11.56	--	--	--	--	4.760	--	--	--	--	--	--	--	--	--
12/23/93	11.56	--	--	--	--	4.760	--	--	--	--	--	--	--	--	--
12/29/93	11.56	--	--	--	--	4.760	--	--	--	--	--	--	--	--	--
01/03/94	11.56	--	--	--	--	4.760	--	--	--	--	--	--	--	--	--
01/17/94	11.56	--	--	--	--	4.760	--	--	--	--	--	--	--	--	--
01/26/94	11.56	--	--	--	--	4.760	--	--	--	--	--	--	--	--	--
02/07/94	11.56	--	--	--	--	4.760	--	--	--	--	--	--	--	--	--
02/11/94	11.56	--	--	--	--	4.760	--	--	--	--	--	--	--	--	--
02/18/94	11.56	--	--	--	--	4.760	--	--	--	--	--	--	--	--	--
02/25/94	11.56	--	--	--	--	4.760	--	--	--	--	--	--	--	--	--
03/04/94	11.56	--	--	--	--	4.760	--	--	--	--	--	--	--	--	--
03/11/94	11.56	--	--	--	--	4.760	--	--	--	--	--	--	--	--	--
03/16/94	11.56	--	--	--	--	4.760	--	--	--	--	--	--	--	--	--
03/25/94	11.56	--	--	--	--	4.760	--	--	--	--	--	--	--	--	--
04/01/94	11.56	--	--	--	--	4.760	--	--	--	--	--	--	--	--	--
08/18/94	11.56	--	--	--	--	4.760	--	--	--	--	--	--	--	--	--

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DATE	TOC	GWE	DTW	SPHT	SPH Removed	Total SPH Removed	Notes	TPH- Diesel	TPH- Gasoline	Benzene	Toluene	Ethyl- Benzene	Xylenes	MTBE	TOG
<b>A-1 (cont)</b>															
11/30/94	11.56	--	--	--	2.000	6.760	--	--	--	--	--	--	--	--	--
02/15/95	11.56	--	4.79	--	--	6.760	--	--	--	--	--	--	--	--	--
05/01/95	11.56	--	--	--	--	6.760	--	--	--	--	--	--	--	--	--
08/04/95	11.56	--	--	--	--	6.760	--	--	--	--	--	--	--	--	--
11/29/95	11.56	5.24	6.38	0.08	0.026	6.786	--	--	--	--	--	--	--	--	--
02/08/96	11.56	7.03	4.57	0.05	--	6.790	--	--	--	--	--	--	--	--	--
05/08/96	11.56	6.29	5.49	0.28	--	6.790	--	--	--	--	--	--	--	--	--
08/23/96	11.56	5.31	6.43	0.22	--	6.790	--	--	--	--	--	--	--	--	--
12/12/96	11.56	6.37	5.53	0.42	0.053	6.843	--	--	--	--	--	--	--	--	--
02/10/97	11.56	7.25	4.45	0.17	0.079	6.922	--	--	--	--	--	--	--	--	--
05/01/97	11.56	6.11	5.51	0.08	0.053	6.975	--	--	--	--	--	--	--	--	--
08/05/97	11.56	5.68	5.96	0.10	0.066	7.041	--	--	--	--	--	--	--	--	--
10/28/97	11.56	5.56	6.05	0.06	0.026	7.067	--	--	--	--	--	--	--	--	--
02/04/98	11.56	8.39	3.20	0.04	0.026	7.093	--	--	--	--	--	--	--	--	--
06/03/98	11.56	7.02	4.56	0.03	0.021	7.114	--	--	--	--	--	--	--	--	--
07/29/98	11.56	7.15	4.44	0.04	0.040	7.154	--	--	--	--	--	--	--	--	--
11/30/98	11.56	6.23	5.61	0.35	0.012	7.166	--	--	--	--	--	--	--	--	--
02/24/99	11.56	7.63	4.41	0.60	0.066	7.232	--	--	--	--	--	--	--	--	--
05/06/99	11.56	6.89	4.67	--	--	7.232	--	9,500+	580	13.4	<2.0	4.68	58	165	--
08/30/99	11.56	5.52	6.04	--	--	7.232	--	22,000+	615	12	3.45	3.8	44	95.5	--
11/17/99	11.56	5.70	5.89	0.04	0.08	7.312	--	--	--	--	--	--	--	--	--
02/21/00	11.56	7.39	4.23	0.08	0.01	7.322	--	--	--	--	--	--	--	--	--
05/08/00	11.56	6.55*	5.10	0.11	--	--	NOT SAMPLED DUE TO THE PRESENCE OF SPHT	--	--	--	--	--	--	--	--
08/08/00	11.56	6.13*	5.53	0.13	0.26	7.582	NOT SAMPLED DUE TO THE PRESENCE OF SPHT	--	--	--	--	--	--	--	--

+ Chromatogram pattern indicates unidentified hydrocarbons.

\* GWE has been corrected due to the presence of SPHT; correction factor = [(TOC - DTW) + (SPHT x 0.80)].

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 Alameda, California

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Analytical results are in parts per billion (ppb)

DATE	TOC	GWE	DTW	SPHT	SPH Removed	Total SPH Removed	Notes	TPH- Diesel	TPH- Gasoline	Benzene	Toluene	Ethyl- Benzene	Xylenes	MTBE	TOG
<b>A-2</b>															
09/20/91	8.00	0.27	7.73	0.00	--	--	--	5100	8100	860	14	110	53	--	--
10/09/91	8.00	1.39	6.61	0.00	--	--	--	--	--	--	--	--	--	--	--
10/17/91	8.00	1.34	6.66	0.00	--	--	--	--	--	--	--	--	--	--	--
10/23/91	8.00	1.29	6.80	0.09	--	--	--	--	--	--	--	--	--	--	--
11/01/91	8.00	1.45	6.63	0.15	--	--	--	--	--	--	--	--	--	--	--
11/07/91	8.00	1.45	6.64	0.21	--	--	--	--	--	--	--	--	--	--	--
11/15/91	8.00	1.38	6.81	0.19	--	--	--	--	--	--	--	--	--	--	--
11/21/91	8.00	1.31	6.93	0.24	--	--	--	--	--	--	--	--	--	--	--
12/12/91	8.00	1.24	6.97	0.15	--	--	--	--	--	--	--	--	--	--	--
12/30/91	8.00	1.70	6.54	0.24	--	--	--	--	--	--	--	--	--	--	--
01/13/92	8.00	2.16	5.92	0.08	--	--	--	--	--	--	--	--	--	--	--
01/22/92	8.00	2.00	6.01	0.10	--	--	--	--	--	--	--	--	--	--	--
02/12/92	8.00	2.20	6.06	0.26	--	--	--	--	--	--	--	--	--	--	--
03/09/92	8.00	3.11	4.93	0.04	--	--	--	--	--	--	--	--	--	--	--
04/10/92	8.00	2.80	5.20	<0.01	--	--	--	--	--	--	--	--	--	--	--
05/18/92	8.00	2.36	5.66	0.02	--	--	--	--	--	--	--	--	--	--	--
01/06/93	8.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--
02/03/93	8.00	3.20	4.98	0.22	--	--	--	--	--	--	--	--	--	--	--
04/23/93	11.46	6.24	5.36	0.18	--	--	--	--	--	--	--	--	--	--	--
06/11/93	11.46	--	--	--	0.13	1.000	--	--	--	--	--	--	--	--	--
06/15/93	11.46	--	--	--	0.13	1.130	--	--	--	--	--	--	--	--	--
06/18/93	11.46	--	--	--	0.26	1.390	--	--	--	--	--	--	--	--	--
06/22/93	11.46	--	--	--	0.50	1.890	--	--	--	--	--	--	--	--	--
06/29/93	11.46	--	--	--	--	1.890	--	--	--	--	--	--	--	--	--
07/09/93	11.46	--	--	--	--	1.890	--	--	--	--	--	--	--	--	--
07/15/93	11.46	--	--	--	--	1.890	--	--	--	--	--	--	--	--	--
07/19/93	11.46	5.53	6.79	1.07	--	1.890	--	--	--	--	--	--	--	--	--
07/20/93	11.46	--	--	--	--	1.890	--	--	--	--	--	--	--	--	--
07/27/93	11.46	--	--	--	--	1.890	--	--	--	--	--	--	--	--	--
08/06/93	11.46	--	--	--	--	1.890	--	--	--	--	--	--	--	--	--

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Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

DATE	TOC	GWE	DTW	SPHT	SPH Removed	Total SPH Removed	Notes	TPH- Diesel	TPH- Gasoline	Benzene	Toluene	Ethyl- Benzene	Xylenes	MTBE	TOG
A-2 (cont)															
08/10/93	11.46	--	--	--	--	1.890	--	--	--	--	--	--	--	--	--
08/16/93	11.46	--	--	--	--	1.890	--	--	--	--	--	--	--	--	--
09/16/93	11.46	--	--	--	--	1.890	--	--	--	--	--	--	--	--	--
09/24/93	11.46	--	--	--	--	1.890	--	--	--	--	--	--	--	--	--
10/01/93	11.46	--	--	--	--	1.890	--	--	--	--	--	--	--	--	--
10/07/93	11.46	--	--	--	--	1.890	--	--	--	--	--	--	--	--	--
10/13/93	11.46	--	--	--	--	1.890	--	--	--	--	--	--	--	--	--
10/19/93	11.46	6.23	6.36	1.41	--	1.890	--	--	--	--	--	--	--	--	--
10/20/93	11.46	--	--	--	--	1.890	--	--	--	--	--	--	--	--	--
10/28/93	11.46	--	--	--	--	1.890	--	--	--	--	--	--	--	--	--
11/12/93	11.46	--	--	--	--	1.890	--	--	--	--	--	--	--	--	--
11/19/93	11.46	--	--	--	--	1.890	--	--	--	--	--	--	--	--	--
11/30/93	11.46	--	--	--	--	1.890	--	--	--	--	--	--	--	--	--
12/10/93	11.46	--	--	--	--	1.890	--	--	--	--	--	--	--	--	--
12/16/93	11.46	--	--	--	--	1.890	--	--	--	--	--	--	--	--	--
12/23/93	11.46	--	--	--	--	1.890	--	--	--	--	--	--	--	--	--
12/29/93	11.46	--	--	--	--	1.890	--	--	--	--	--	--	--	--	--
01/03/94	11.46	--	--	--	--	1.890	--	--	--	--	--	--	--	--	--
01/17/94	11.46	--	--	--	--	1.890	--	--	--	--	--	--	--	--	--
01/26/94	11.46	--	--	--	--	1.890	--	--	--	--	--	--	--	--	--
02/07/94	11.46	--	--	--	--	1.890	--	--	--	--	--	--	--	--	--
02/11/94	11.46	--	--	--	--	1.890	--	--	--	--	--	--	--	--	--
02/18/94	11.46	--	--	--	--	1.890	--	--	--	--	--	--	--	--	--
02/25/94	11.46	--	--	--	--	1.890	--	--	--	--	--	--	--	--	--
03/04/94	11.46	--	--	--	--	1.890	--	--	--	--	--	--	--	--	--
03/11/94	11.46	--	--	--	--	1.890	--	--	--	--	--	--	--	--	--
03/16/94	11.46	--	--	--	--	1.890	--	--	--	--	--	--	--	--	--
03/25/94	11.46	--	--	--	--	1.890	--	--	--	--	--	--	--	--	--
04/01/94	11.46	--	--	--	--	1.890	Destroyed	--	--	--	--	--	--	--	--

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Vertical Measurements are in feet.

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DATE	TOC	GWE	DTW	SPHT	SPH Removed	Total SPH Removed	Notes	TPH- Diesel	TPH- Gasoline	Benzene	Toluene	Ethyl- Benzene	Xylenes	MTBE	TOG
<b>B-1</b>															
04/23/93	12.12	6.19	5.93	--	--	--	--	8300	13,000	4900	22	250	47	--	--
07/19/93	12.12	5.46	6.66	--	--	--	--	1600	3300	1200	16	24	<30	--	--
10/19/93	12.12	5.04	7.08	--	--	--	--	550	2300	730	18	14	31	--	--
01/17/94	12.12	5.39	6.73	--	--	--	--	<50	22,000	6500	170	210	430	--	--
08/18/94	12.12	5.27	6.85	--	--	--	Inaccessible	--	--	--	--	--	--	--	--
11/30/94	12.12	6.11	6.01	--	--	--	--	3200**	1500	250	17	7.5	19	--	<5.0*
02/15/95	12.12	6.75	5.37	--	--	--	--	1300**	1000	160	<2.0	4.6	2.6	--	--
05/01/95	12.12	7.00	5.12	--	--	--	--	2600***	140	20	0.52	2.0	0.67	--	--
08/04/95	12.12	6.62	5.50	--	--	--	--	4900***	6700	1400	<20	<20	<20	--	--
11/29/95	12.12	6.27	5.85	--	--	--	--	5000***	9200	2200	<25	<25	25	8300	--
02/08/96	12.12	8.12	4.00	--	--	--	--	1300***	1500	190	<5.0	<5.0	<5.0	2300	--
05/08/96	12.12	7.32	4.80	--	--	--	--	2900***	3700	650	<10	24	16	2300	--
08/23/96	12.12	6.58	5.54	--	--	--	--	2600	3200	500	<20	<20	<20	4900	--
12/12/96	12.12	7.22	4.90	--	--	--	--	3400+	2500	380	<25	<25	25	8600	--
02/10/97	12.12	7.53	4.59	--	--	--	--	2100***	2200	270	11	8.8	13	3400	--
05/01/97	12.12	6.46	5.66	--	--	--	--	1300***	1200	70	5.8	<5.0	7.2	2000	--
08/05/97	12.12	5.68	6.44	--	--	--	--	1500***	<1000	86	<10	<10	<10	3800	--
10/28/97	12.12	5.69	6.43	--	--	--	--	2000***	1400	73	6.5	6.8	9.0	2900	--
02/04/98	12.12	9.11	3.01	--	--	--	--	1200***	1500	4.5	1.7	<0.5	2.2	1900	--
02/12/98	12.12	8.33	3.79	--	--	--	--	--	--	--	--	--	--	--	--
06/03/98	12.12	7.23	4.89	--	--	--	--	970***	<50	<0.5	<0.5	<0.5	<0.5	1400	--
07/29/98	12.12	6.37	5.75	--	--	--	--	1100***	850	27	<0.5	4.0	2.9	770	--
07/29/98	12.12	6.37	5.75	--	--	--	Confirmation run	--	--	--	--	--	--	1200	--
11/30/98	12.12	6.44	5.68	--	--	--	--	1490	543	<5.0	<5.0	<5.0	<5.0	2220	--

\* Analytical values are in parts per million (ppm).

\*\* Chromatogram pattern indicates a non-diesel mix.

\*\*\* Chromatogram pattern indicates an unidentified hydrocarbon.

+ Chromatogram pattern indicates an unidentified hydrocarbon and weathered diesel.

+++ Hydrocarbon pattern appears to be weathered.



**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
 Chevron Service Station #9-0290  
 1802 Webster Street  
 Alameda, California

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

DATE	TOC	GWE	DTW	SPHT	SPH Removed	Total SPH Removed	Notes	TPH- Diesel	TPH- Gasoline	Benzene	Toluene	Ethyl- Benzene	Xylenes	MTBE	TOG
<b>B-1 (cont)</b>															
02/24/99	12.12	7.83	4.29	--	--	--	--	1400***	390	1.6	0.57	2.8	2.5	2600	--
05/06/99	12.12	7.11	5.01	--	--	--	--	340***	239	4.02	<0.5	3.87	1.97	197	--
08/30/99	12.12	5.91	6.21	--	--	--	--	1570+++	739	22.4	3.45	5.62	3.27	1110	--
11/17/99	12.12	5.98	6.14	--	--	--	--	1730	907	66.4	3.82	4.39	4.75	2480	--
02/21/00	12.12	7.53	4.59	--	--	--	--	1000***	679	10.5	<1.0	3.84	3.21	2330	--
05/08/00	12.12	6.66	5.46	0.00	--	--	--	870 <sup>d</sup>	1,000 <sup>l</sup>	<5.0	<5.0	<5.0	<5.0	660	--
08/08/00	12.12	6.22	5.90	0.00	--	--	--	520 <sup>d</sup>	<500	29	<5.0	<5.0	<5.0	1,900	--

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DATE	TOC	GWE	DTW	SPHT	SPH Removed	Total SPH Removed	Notes	TPH- Diesel	TPH- Gasoline	Benzene	Toluene	Ethyl- Benzene	Xylenes	MTBE	TOG
<b>B-3</b>															
09/20/91	8.01	1.08	6.94	0.01	--	--	--	--	--	--	--	--	--	--	--
10/09/91	8.01	1.66	6.35	--	--	--	--	--	--	--	--	--	--	--	--
10/17/91	8.01	1.57	6.44	--	--	--	--	--	--	--	--	--	--	--	--
10/23/91	8.01	1.53	6.84	--	--	--	--	--	--	--	--	--	--	--	--
11/01/91	8.01	1.70	6.31	--	--	--	--	--	--	--	--	--	--	--	--
11/07/91	8.01	1.69	6.32	--	--	--	--	--	--	--	--	--	--	--	--
11/15/91	8.01	1.62	6.39	--	--	--	--	--	--	--	--	--	--	--	--
11/21/91	8.01	1.57	6.44	--	--	--	--	--	--	--	--	--	--	--	--
12/12/91	8.01	1.19	6.82	<0.01	--	--	--	--	--	--	--	--	--	--	--
12/30/91	8.01	1.64	6.37	--	--	--	--	--	--	--	--	--	--	--	--
01/13/92	8.01	2.07	5.94	--	--	--	--	--	--	--	--	--	--	--	--
01/22/92	8.01	2.02	5.99	--	--	--	--	--	--	--	--	--	--	--	--
02/12/92	8.01	2.19	5.82	<0.01	--	--	--	--	--	--	--	--	--	--	--
03/09/92	8.01	2.91	5.10	--	--	--	--	--	--	--	--	--	--	--	--
04/10/92	8.01	2.65	5.36	--	--	--	--	--	--	--	--	--	--	--	--
05/18/92	8.01	2.29	5.72	--	--	--	--	250	6200	550	58	13	51	--	<5000
01/06/93	8.01	2.51	5.50	--	--	--	Sheen	10,000	5400	490	54	51	82	--	--
02/03/93	8.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--
04/23/93	11.42	6.10	5.32	--	--	--	--	6400	18,000	540	69	47	120	--	--
07/29/93	11.42	5.48	5.94	--	--	--	--	4000	40,000	780	69	49	150	--	--
10/19/93	11.42	5.10	6.32	--	--	--	--	1500	20,000	520	37	43	100	--	--
01/17/94	11.42	4.47	6.95	--	--	--	Destroyed	<50	3900	430	32	29	82	--	--

\* Analytical values are in parts per million (ppm).

\*\* Chromatogram pattern indicates a non-diesel mix.

\*\*\* Chromatogram pattern indicates an unidentified hydrocarbon.

+ Chromatogram pattern indicates an unidentified hydrocarbon and weathered diesel.

+++ Hydrocarbon pattern appears to be weathered.

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Chevron Service Station #9-0290  
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Analytical results are in parts per billion (ppb)

DATE	TOC	GWE	DTW	SPHT	SPH Removed	Total SPH Removed	Notes	TPH- Diesel	TPH- Gasoline	Benzene	Toluene	Ethyl- Benzene	Xylenes	MTBE	TOG
<b>B-4</b>															
09/20/91	8.04	1.22	6.82	0.01	--	--	--	1400	19,000	710	160	650	2000	--	--
10/09/91	8.04	1.41	6.63	--	--	--	--	--	--	--	--	--	--	--	--
10/17/91	8.04	1.20	6.84	--	--	--	--	--	--	--	--	--	--	--	--
10/23/91	8.04	1.17	6.87	--	--	--	--	--	--	--	--	--	--	--	--
11/01/91	8.04	1.34	6.70	--	--	--	--	--	--	--	--	--	--	--	--
11/07/91	8.04	1.31	6.73	--	--	--	--	--	--	--	--	--	--	--	--
11/15/91	8.04	1.21	6.83	--	--	--	--	--	--	--	--	--	--	--	--
11/21/91	8.04	1.20	6.84	--	--	--	--	--	--	--	--	--	--	--	--
12/12/91	8.04	1.17	6.87	<0.01	--	--	--	--	--	--	--	--	--	--	--
12/30/91	8.04	1.58	6.46	--	--	--	--	--	--	--	--	--	--	--	--
01/13/92	8.04	2.13	5.91	--	--	--	--	--	--	--	--	--	--	--	--
01/22/92	8.04	2.09	5.95	--	--	--	--	--	--	--	--	--	--	--	--
02/12/92	8.04	2.26	5.78	<0.01	--	--	--	860	15,000	920	75	520	940	--	--
03/09/92	8.04	2.95	5.09	--	--	--	--	--	--	--	--	--	--	--	--
04/10/92	8.04	2.65	5.39	--	--	--	--	--	--	--	--	--	--	--	--
05/18/92	8.04	2.45	5.59	--	--	--	--	<50	19,000	2000	97	560	1200	--	<5000
01/06/93	8.04	2.54	5.50	--	--	--	Sheen	2700	19,000	2000	89	490	740	--	--
02/03/93	8.04	--	--	--	--	--	--	--	--	--	--	--	--	--	--
04/23/93	11.46	6.07	5.39	--	--	--	--	2300	5700	2400	75	380	580	--	--
07/19/93	11.46	5.33	6.13	--	--	--	--	2400	19,000	2400	140	440	620	--	--
10/19/93	11.46	4.95	6.51	--	--	--	--	2100	13,000	1200	84	290	530	--	--
01/17/94	11.46	5.28	6.18	--	--	--	Destroyed	<50	11,000	1900	63	170	290	--	--

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DATE	TOC	GWE	DTW	SPHT	SPH Removed	Total SPH Removed	Notes	TPH- Diesel	TPH- Gasoline	Benzene	Toluene	Ethyl- Benzene	Xylenes	MTBE	TOG
<b>B-5</b>															
09/20/91	7.73	2.20	5.53	--	--	--	--	<50	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/09/91	7.73	2.42	5.31	--	--	--	--	--	--	--	--	--	--	--	--
10/17/91	7.73	2.09	5.64	--	--	--	--	--	--	--	--	--	--	--	--
10/23/91	7.73	2.05	5.68	--	--	--	--	--	--	--	--	--	--	--	--
11/01/91	7.73	2.24	5.49	--	--	--	--	--	--	--	--	--	--	--	--
11/07/91	7.73	2.19	5.54	--	--	--	--	--	--	--	--	--	--	--	--
11/15/91	7.73	2.10	5.63	--	--	--	--	--	--	--	--	--	--	--	--
11/21/91	7.73	--	--	--	--	--	--	--	--	--	--	--	--	--	--
12/12/91	7.73	2.05	5.68	--	--	--	--	--	--	--	--	--	--	--	--
12/30/91	7.73	2.54	5.19	--	--	--	--	--	--	--	--	--	--	--	--
01/13/92	7.73	3.07	4.65	--	--	--	--	--	--	--	--	--	--	--	--
01/22/92	7.73	3.03	4.70	--	--	--	--	--	--	--	--	--	--	--	--
02/12/92	7.73	3.38	4.45	--	--	--	--	<50	<50	<0.5	<0.5	<0.5	<0.5	--	--
03/09/92	7.73	3.68	4.05	--	--	--	--	--	--	--	--	--	--	--	--
04/10/92	7.73	3.30	4.43	--	--	--	--	--	--	--	--	--	--	--	--
05/18/92	7.73	3.94	3.79	--	--	--	--	--	390	39	1.9	11	24	--	<5000
01/06/93	7.73	3.39	4.44	--	--	--	Sheen	<50	<50	<0.5	<0.5	<0.5	<0.5	--	--
02/03/93	7.73	--	--	--	--	--	--	--	--	--	--	--	--	--	--
04/23/93	10.18	5.86	4.32	--	--	--	--	<50	<50	<0.5	<0.5	<0.5	<1.5	--	--
07/19/93	10.18	5.15	5.03	--	--	--	--	<50	54	<0.5	0.7	<0.5	<1.5	--	--
10/19/93	10.18	5.08	5.10	--	--	--	--	<50	<50	2.0	4.1	0.6	3.5	--	--
01/07/94	10.18	5.32	4.86	--	--	--	--	<50	<50	<0.5	<0.5	<0.5	<0.5	--	--
08/18/94	10.18	5.04	5.14	--	--	--	--	<50	<50	<0.5	<0.5	<0.5	<0.5	--	--
11/30/94	10.18	5.73	4.45	--	--	--	--	140*	<50	<0.5	<0.5	<0.5	<0.5	--	--
02/15/95	10.18	6.03	4.15	--	--	--	--	170*	<50	<0.5	<0.5	<0.5	<0.5	--	--
05/01/95	10.18	5.75	4.43	--	--	--	--	190**	<50	<0.5	<0.5	<0.5	<0.5	--	--
08/04/95	10.18	5.22	4.96	--	--	--	--	250**	<50	<0.5	<0.5	<0.5	<0.5	--	--
11/29/95	10.18	4.97	5.21	--	--	--	--	330**	140	1.5	<0.5	1.1	<0.5	800	--

\* Chromatogram pattern indicates a non-diesel mix.

\*\* Chromatogram pattern indicates an unidentified hydrocarbon.

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DATE	TOC	GWE	DTW	SPHT	SPH Removed	Total SPH Removed	Notes	TPH- Diesel	TPH- Gasoline	Benzene	Toluene	Ethyl- Benzene	Xylenes	MTBE	TOG
<b>B-5 (cont)</b>															
02/08/96	10.18	6.38	3.80	--	--	--	--	250**	<200	2.1	<2.0	<2.0	<2.0	1100	--
05/08/96	10.18	5.78	4.40	--	--	--	--	350**	<500	<5.0	<5.0	<5.0	<5.0	1400	--
08/23/96	10.18	5.19	4.99	--	--	--	--	990	250	6.4	2.1	2.1	4.3	9300	--
12/12/96	10.18	5.90	4.28	--	--	--	--	430**	<1000	<10	<10	<10	<10	6700	--
02/10/97	10.18	6.55	3.63	--	--	--	--	340**	<500	<5.0	<5.0	<5.0	<5.0	930	--
05/01/97	10.18	5.87	4.31	--	--	--	--	290**	<500	<5.0	<5.0	<5.0	<5.0	1900	--
08/05/97	10.18	5.29	4.89	--	--	--	--	710**	<1000	<10	<10	<10	<10	6800	--
10/28/97	10.18	5.18	5.00	--	--	--	--	880**	<500	<5.0	<5.0	<5.0	<5.0	7000	--
02/04/98	10.18	7.65	2.53	--	--	--	--	290**	<50	0.51	<0.5	<0.5	<0.5	2100	--
06/03/98	10.18	6.33	3.85	--	--	--	--	630**	220	2.0	15	2.8	20	450	--
07/29/98	10.18	5.63	4.55	--	--	--	--	1100**	<50	1.6	<0.5	<0.5	1.6	4600	--
07/29/98	10.18	5.63	4.55	--	--	--	Confirmation run	--	--	--	--	--	--	6200	--
11/30/98	10.18	5.81	4.37	--	--	--	--	371	<50	<0.5	1.91	<0.5	1.09	202	--
02/24/99	10.18	6.79	3.39	--	--	--	--	512**	<50	<0.5	<0.5	0.69	3.1	25	--
05/06/99	10.18	6.16	4.02	--	--	--	--	790**	<50	2.27	<0.5	<0.5	<0.5	3090	--
08/30/99	10.18	5.02	5.16	--	--	--	--	1890***	<250	4.25	<2.5	<2.5	<2.5	10,400	--
11/17/99	10.18	5.28	4.90	--	--	--	--	1180**	101	4.95	<0.5	<0.5	<0.5	8510	--
02/21/00	10.18	6.67	3.51	--	--	--	--	240**	<100	<1.0	<1.0	<1.0	<1.0	555	--
05/08/00	10.18	5.88	4.30	0.00	--	--	--	1,200 <sup>5</sup>	<50	<0.50	<0.50	<0.50	1.4	270	--
08/08/00	10.18	5.55	4.63	0.00	--	--	--	350 <sup>4</sup>	<1,000	<10	<10	<10	<10	8,600	--

\*\* Chromatogram pattern indicates an unidentified hydrocarbon.

\*\*\* Hydrocarbon pattern in sample appears to be weathered.

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DATE	TOC	GWE	DTW	SPHT	SPH Removed	Total SPH Removed	Notes	TPH- Diesel	TPH- Gasoline	Benzene	Toluene	Ethyl- Benzene	Xylenes	MTBE	TOG
<b>B-6</b>															
09/20/91	8.55	1.70	6.85	--	--	--	--	<50	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/09/91	8.55	1.72	6.83	--	--	--	--	--	--	--	--	--	--	--	--
10/17/91	8.55	1.65	6.90	--	--	--	--	--	--	--	--	--	--	--	--
10/23/91	8.55	1.62	6.93	--	--	--	--	--	--	--	--	--	--	--	--
11/01/91	8.55	1.77	6.78	--	--	--	--	--	--	--	--	--	--	--	--
11/07/91	8.55	1.74	6.81	--	--	--	--	--	--	--	--	--	--	--	--
11/15/91	8.55	1.67	6.88	--	--	--	--	--	--	--	--	--	--	--	--
11/21/91	8.55	1.60	6.95	--	--	--	--	--	--	--	--	--	--	--	--
12/12/91	8.55	1.41	7.14	--	--	--	--	--	--	--	--	--	--	--	--
12/30/91	8.55	2.05	6.50	--	--	--	--	--	--	--	--	--	--	--	--
01/13/92	8.55	2.36	6.19	--	--	--	--	--	--	--	--	--	--	--	--
01/22/92	8.55	2.28	6.27	--	--	--	--	--	--	--	--	--	--	--	--
02/12/92	8.55	2.43	6.12	--	--	--	--	<50	<50	<0.5	<0.5	<0.5	<0.5	--	--
03/09/92	8.55	3.27	5.28	--	--	--	--	--	--	--	--	--	--	--	--
04/10/92	8.55	3.07	5.48	--	--	--	--	--	--	--	--	--	--	--	--
05/18/92	8.55	2.65	5.90	--	--	--	--	<50	<50	<0.5	<0.5	<0.5	<0.5	--	<5000
01/06/93	8.55	2.76	5.79	--	--	--	--	<50	<50	<0.5	<0.5	<0.5	<0.5	--	--
02/03/93	8.55	--	--	--	--	--	--	--	--	--	--	--	--	--	--
04/23/93	11.97	6.70	5.27	--	--	--	--	<50	<50	<0.5	<0.5	<0.5	<1.5	--	--
07/19/93	11.97	5.06	6.91	--	--	--	--	<50	74	<0.5	<0.5	<0.5	<1.5	--	--
10/19/93	11.97	5.49	6.48	--	--	--	--	<50	<50	<0.5	0.5	<0.5	2.2	--	--
01/07/94	11.97	5.79	6.18	--	--	--	--	<50	<50	<0.5	<0.5	<0.5	<0.5	--	--
08/18/94	11.97	5.77	6.20	--	--	--	--	<50	<50	<0.5	<0.5	<0.5	<0.5	--	--
11/30/94	11.97	6.52	5.45	--	--	--	--	230*	<50	<0.5	<0.5	<0.5	<0.5	--	--
02/15/95	11.97	7.27	4.70	--	--	--	--	130*	<50	<0.5	<0.5	<0.5	<0.5	--	--
05/01/95	11.97	6.94	5.03	--	--	--	--	97**	<50	<0.5	<0.5	<0.5	<0.5	--	--
08/04/95	11.97	6.15	5.82	--	--	--	--	350**	<50	<0.5	<0.5	<0.5	<0.5	--	--
11/29/95	11.97	5.97	6.00	--	--	--	--	200**	--	--	--	--	--	--	--

\* Chromatogram pattern indicates a non-diesel mix.

\*\* Chromatogram pattern indicates an unidentified hydrocarbon.

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
 Chevron Service Station #9-0290  
 1802 Webster Street  
 Alameda, California

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

DATE	TOC	GWE	DTW	SPHT	SPH Removed	Total SPH Removed	Notes	TPH- Diesel	TPH- Gasoline	Benzene	Toluene	Ethyl- Benzene	Xylenes	MTBE	TOG
<b>B-6 (cont)</b>															
02/08/96	11.97	7.27	4.70	--	--	--	--	210**	--	--	--	--	--	--	--
05/08/96	11.97	6.74	5.23	--	--	--	--	250**	--	--	--	--	--	--	--
08/23/96	11.97	5.92	6.05	--	--	--	--	310**	--	--	--	--	--	--	--
12/12/96	11.97	6.65	5.32	--	--	--	--	300**	--	--	--	--	--	--	--
02/10/97	11.97	7.60	4.37	--	--	--	--	130**	--	--	--	--	--	360	--
05/01/97	11.97	6.74	5.23	--	--	--	--	260**	--	--	--	--	--	2200	--
08/05/97	11.97	6.22	5.75	--	--	--	--	260**	--	--	--	--	--	1800	--
10/28/97	11.97	5.89	6.08	--	--	--	--	340**	--	--	--	--	--	1900	--
02/04/98	11.97	9.26	2.71	--	--	--	--	280**	--	--	--	--	--	1400	--
06/03/98	11.97	7.49	4.48	--	--	--	--	130**	--	--	--	--	--	1200	--
07/29/98	11.97	6.69	5.28	--	--	--	--	340**	--	--	--	--	--	2700	--
07/29/98	11.97	6.69	5.28	--	--	--	Confirmation run	--	--	--	--	--	--	3000	--
11/30/98	11.97	6.48	5.49	--	--	--	--	2740	655	<5.0	<5.0	<5.0	<5.0	2160	--
02/24/99	11.97	7.79	4.18	--	--	--	--	225**	--	--	--	--	--	1500	--
05/06/99	11.97	6.29	5.68	--	--	--	--	71**	--	--	--	--	--	1010	--
08/30/99	11.97	6.06	5.91	--	--	--	--	356**	--	--	--	--	--	4520	--
11/17/99	11.97	6.01	5.96	--	--	--	--	1960**	--	--	--	--	--	5160	--
02/21/00	11.97	7.51	4.46	--	--	--	--	180**	--	--	--	--	--	6920	--
05/08/00	11.97	6.92	5.05	0.00	--	--	--	420 <sup>d</sup>	--	--	--	--	--	6,800	--
08/08/00	11.97	6.55	5.42	0.00	--	--	--	180 <sup>d</sup>	--	--	--	--	--	25,000	--

\*\* Chromatogram pattern indicates an unidentified hydrocarbon.

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DATE	TOC	GWE	DTW	SPHT	SPH Removed	Total SPH Removed	Notes	TPH- Diesel	TPH- Gasoline	Benzene	Toluene	Ethyl- Benzene	Xylenes	MTBE	TOG
<b>B-7</b>															
04/23/93	10.54	6.02	4.52	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	<50
07/19/93	10.54	5.50	5.04	--	--	--	--	<50	<50	<0.5	<0.5	<0.5	<1.5	--	<50
10/19/93	10.54	5.14	5.40	--	--	--	--	<50	<50	3.1	0.5	<0.5	0.8	--	--
01/07/94	10.54	5.35	5.19	--	--	--	--	<50	<50	<0.5	<0.5	<0.5	<0.5	--	--
08/18/94	10.54	5.28	5.26	--	--	--	--	<50	<50	<0.5	<0.5	<0.5	1.1	--	--
11/30/94	10.54	5.96	4.58	--	--	--	--	<50	<50	<0.5	<0.5	<0.5	<0.5	--	--
02/15/95	10.54	6.32	4.22	--	--	--	--	<50	<50	<0.5	<0.5	<0.5	<0.5	--	--
05/01/95	10.54	6.04	4.50	--	--	--	--	53**	<50	<0.5	<0.5	<0.5	<0.5	--	--
08/04/95	10.54	5.56	4.98	--	--	--	--	<50	<50	<0.5	<0.5	<0.5	<0.5	--	--
02/12/98	10.54	7.49	3.05	--	--	--	--	<50	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/03/98	10.54	6.59	3.95	--	--	--	Sampled biannually	--	--	--	--	--	--	--	--
07/29/98	10.54	5.99	4.55	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
11/30/98	10.54	5.56	4.98	--	--	--	--	--	--	--	--	--	--	--	--
02/24/99	10.54	7.24	3.30	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
05/06/99	10.54	4.79	5.75	--	--	--	--	--	--	--	--	--	--	--	--
08/30/99	10.54	5.25	5.29	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
11/17/99	10.54	4.81	5.73	--	--	--	--	--	--	--	--	--	--	--	--
02/21/00	10.54	6.54	4.00	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
05/08/00	10.54	6.14	4.40	0.00	--	--	--	--	--	--	--	--	--	--	--
08/08/00	10.54	6.05	4.49	0.00	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--



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Analytical results are in parts per billion (ppb)

DATE	TOC	GWE	DTW	SPHT	SPH Removed	Total SPH Removed	Notes	TPH- Diesel	TPH- Gasoline	Benzene	Toluene	Ethyl- Benzene	Xylenes	MTBE	TOG
<b>B-8</b>															
04/23/93	11.99	6.63	5.36	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	<50
07/19/93	11.99	5.77	6.22	--	--	--	--	<50	<50	<0.5	<0.5	<0.5	<1.5	--	<50
10/19/93	11.99	--	--	--	--	--	Dry	--	--	--	--	--	--	--	--
01/07/94	11.99	5.69	6.30	--	--	--	--	<50	<50	<0.5	<0.5	<0.5	<0.5	--	--
08/18/94	11.99	5.56	6.43	--	--	--	--	<50	<50	<0.5	<0.5	<0.5	<0.5	--	--
11/30/94	11.99	6.53	5.46	--	--	--	--	120*	<50	<0.5	<0.5	<0.5	<0.5	--	--
02/15/95	11.99	7.27	4.72	--	--	--	--	120*	<50	<0.5	<0.5	<0.5	<0.5	--	--
05/01/95	11.99	6.99	5.00	--	--	--	--	51**	<50	<0.5	<0.5	<0.5	<0.5	--	--
08/04/95	11.99	6.07	5.92	--	--	--	--	<50	<50	<0.5	<0.5	<0.5	<0.5	--	--
11/30/98	11.99	6.45	5.54	--	--	--	--	--	--	--	--	--	--	--	--

NOT MONITORED/SAMPLED

\* Chromatogram pattern indicates a non-diesel mix.

\*\* Chromatogram pattern indicates an unidentified hydrocarbon.

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DATE	TOC	GWE	DTW	SPHT	SPH Removed	Total SPH Removed	Notes	TPH- Diesel	TPH- Gasoline	Benzene	Toluene	Ethyl- Benzene	Xylenes	MTBE	TOG
<b>B-9</b>															
04/23/93	10.70	6.14	4.56	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	<50
07/19/93	10.70	5.25	5.45	--	--	--	--	<50	<50	<0.5	<0.5	<0.5	<1.5	--	<50
10/19/93	10.70	4.81	5.89	--	--	--	--	<50	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/07/94	10.70	5.29	5.41	--	--	--	--	<50	<50	<0.5	<0.5	<0.5	<0.5	--	--
08/18/94	10.70	5.15	5.55	--	--	--	--	<50	<50	<0.5	<0.5	<0.5	<0.5	--	--
11/30/94	10.70	6.35	4.35	--	--	--	--	60*	<50	<0.5	<0.5	<0.5	<0.5	--	--
02/15/95	10.70	7.05	3.65	--	--	--	--	<50	<50	<0.5	<0.5	<0.5	<0.5	--	--
05/01/95	10.70	6.41	4.29	--	--	--	--	<50	<50	<0.5	<0.5	<0.5	<0.5	--	--
08/04/95	10.70	5.50	5.20	--	--	--	--	<50	<50	<0.5	<0.5	<0.5	<0.5	--	--
NOT MONITORED/SAMPLED															
<b>B-10</b>															
11/29/95	11.42	4.91	6.51	--	--	--	--	900*	1700	95	<2.5	69	170	22	--
02/08/96	11.42	6.87	4.55	--	--	--	--	650*	230	31	<0.5	7.2	6.2	10	--
05/08/96	11.42	5.87	5.55	--	--	--	--	570*	260	61	0.59	37	23	20	--
08/23/96	11.42	5.23	6.19	--	--	--	--	700*	320	34	<0.5	29	15	8.3	--
12/12/96	11.42	5.59	5.83	--	--	--	--	990*	1600	94	<2.5	110	27	<12	--
02/10/97	11.42	6.84	4.58	--	--	--	--	530*	2100	230	5.6	130	83	<12	--
05/01/97	11.42	5.85	5.57	--	--	--	--	770*	2300	110	<2.5	140	49	<12	--
08/05/97	11.42	5.12	6.30	--	--	--	--	620*	650	33	1.1	70	16	3.2	--
10/28/97	11.42	5.24	6.18	--	--	--	--	310*	740	25	1.6	53	14	6.7	--
02/04/98	11.42	8.53	2.89	--	--	--	--	250*	950	23	4.5	<0.5	1.9	<2.5	--
06/03/98	11.42	6.62	4.80	--	--	--	--	490*	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
07/29/98	11.42	5.77	5.65	--	--	--	--	390*	290	3.9	<0.5	8.5	1.4	<2.5	--
11/30/98	11.42	5.80	5.62	--	--	--	--	437	<50	<0.5	<0.5	<0.5	<0.5	7.11	--
02/24/99	11.42	7.19	4.23	--	--	--	--	259*	160	35	0.55	0.64	0.64	9.2	--

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DATE	TOC	GWE	DTW	SPBT	SPH Removed	Total SPH Removed	Notes	TPH- Diesel	TPH- Gasoline	Benzene	Toluene	Ethyl- Benzene	Xylenes	MTBE	TOG
<b>B-10 (cont)</b>															
05/06/99	11.42	6.31	5.11	--	--	--	--	190*	490	7.05	1.02	8.24	2.18	<5.0	--
08/30/99	11.42	5.06	6.36	--	--	--	--	330*	205	1.79	0.808	5.55	2.16	3.93	--
11/17/99	11.42	5.48	5.94	--	--	--	--	2180*	108	1.2	<0.5	1.2	<0.5	<2.5	--
02/21/00	11.42	7.07	4.35	--	--	--	--	360*	587	17.6	2.92	10.1	4.61	5.08	--
05/08/00	11.42	5.99	5.43	0.00	--	--	--	320 <sup>d</sup>	380 <sup>2</sup>	5.4	2.6	3.2	6.3	9.1	--
08/08/00	11.42	--	--	--	--	--	Dry	--	--	--	--	--	--	--	--

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DATE	TOC	GWE	DTW	SPHT	SPH Removed	Total SPH Removed	Notes	TPH- Diesel	TPH- Gasoline	Benzene	Toluene	Ethyl- Benzene	Xylenes	MTBE	TOG
<b>B-11</b>															
11/29/95	11.98	6.08	5.90	--	--	--	--	1400*	2800	38	<10	26	48	21,000	--
02/08/96	11.98	7.54	4.44	--	--	--	--	1100*	<5000	<50	<50	<50	<50	38,000	--
05/08/96	11.98	6.98	5.00	--	--	--	--	1300*	4100	110	<10	31	25	17,000	--
08/23/96	11.98	6.37	5.61	--	--	--	--	820*	3400	160	12	41	13	4000	--
12/12/96	11.98	6.85	5.13	--	--	--	--	1300*	3700	120	12	<5.0	30	2200	--
02/10/97	11.98	7.91	4.07	--	--	--	--	810*	2300	56	17	<5.0	20	4700	--
05/01/97	11.98	6.95	5.03	--	--	--	--	820*	<5000	<50	<50	<50	<50	21,000	--
08/05/97	11.98	6.38	5.60	--	--	--	--	900*	3500	42	<10	<10	<10	4100	--
10/28/97	11.98	6.30	5.68	--	--	--	--	1300*	3000	39	6.2	8.0	13	2300	--
02/04/98	11.98	9.39	2.59	--	--	--	--	930*	1300	3.2	1.4	<0.5	5.0	46,000	--
06/03/98	11.98	7.53	4.45	--	--	--	--	740*	860	3.7	1.4	0.84	3.0	34,000	--
07/29/98	11.98	6.80	5.18	--	--	--	--	1400*	1300	6.9	2.5	3.8	2.0	50,000	--
07/29/98	11.98	6.80	5.18	--	--	--	Confirmation run	--	--	--	--	--	--	41,000	--
11/30/98	11.98	6.91	5.07	--	--	--	--	1020	<1000	<10	<10	<10	<10	5370	--
02/24/99	11.98	7.79	4.19	--	--	--	--	2290*	690	4.7	<0.5	2.7	3.1	67,000	--
05/06/99	11.98	7.43	4.55	--	--	--	--	580*	423	4.66	0.662	<0.5	1.38	20,600	--
08/30/99	11.98	6.18	5.80	--	--	--	--	1120*	1220	31	8.6	<5.0	14	10,900	--
11/17/99	11.98	6.41	5.57	--	--	--	--	1160*	2800	36.6	10.6	8.41	11.6	12,000	--
02/21/00	11.98	7.77	4.21	--	--	--	--	730*	1570	12.3	2.71	3.33	12.9	2980	--
05/08/00	11.98	7.04	4.94	0.00	--	--	--	220 <sup>b</sup>	<500	<5.0	<5.0	<5.0	<5.0	8,500	--
08/08/00	11.98	6.79	5.19	0.00	--	--	--	660 <sup>b</sup>	2,900 <sup>3</sup>	51	<25	<25	38	10,000	--

\* Chromatogram pattern indicates an unidentified hydrocarbon.

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DATE	TOC	GWE	DTW	SPHT	SPH Removed	Total SPH Removed	Notes	TPH- Diesel	TPH- Gasoline	Benzene	Toluene	Ethyl- Benzene	Xylenes	MTBE	TOG
<b>B-12</b>															
11/29/95	11.16	5.15	6.01	--	--	--	--	1800*	1100	10	<10	<10	<10	37,000	--
02/08/96	11.16	6.56	4.60	--	--	--	--	1800*	<20,000	<200	<200	<200	<200	88,000	--
05/08/96	11.16	6.08	5.08	--	--	--	--	1800*	<25,000	<250	<250	<250	<250	88,000	--
08/23/96	11.16	5.51	5.65	--	--	--	--	1500*	630	16	<5.0	<5.0	<5.0	420	--
12/12/96	11.16	6.05	5.11	--	--	--	--	1200*	<25,000	<250	<250	<250	<250	54,000	--
02/10/97	11.16	7.05	4.11	--	--	--	--	1200*	<20,000	<200	<200	<200	<200	65,000	--
02/10/97	11.16	7.05	4.11	--	--	--	EPA 8240	--	--	<500	<500	<500	<500	--	--
05/01/97	11.16	6.17	4.99	--	--	--	--	1100*	<12,500	<125	<125	<125	<125	64,000	--
08/05/97	11.16	5.55	5.61	--	--	--	--	1100*	<10,000	<100	<100	<100	<100	46,000	--
10/28/97	11.16	5.40	5.76	--	--	--	--	1100*	1400	39	<5.0	7.2	6.0	29,000	--
02/04/98	11.16	8.53	2.63	--	--	--	--	4800*	920	6.9	1.1	<0.5	2.8	59,000	--
06/03/98	11.16	6.71	4.45	--	--	--	--	2000*	590	9.4	<0.5	0.93	<0.5	15,000	--
07/29/98	11.16	5.91	5.25	--	--	--	--	2200*	820	5.6	2.0	3.3	1.2	28,000	--
07/29/98	11.16	5.91	5.25	--	--	--	Confirmation run	--	--	--	--	--	--	33,000	--
11/30/98	11.16	6.03	5.13	--	--	--	--	1060	2110	<10	<10	<10	<10	5330	--
02/24/99	11.16	7.16	4.00	--	--	--	--	2680*	410	0.64	<0.5	2.2	2.3	15,000	--
05/06/99	11.16	6.71	4.45	--	--	--	--	3550*	<500	<5.0	<5.0	<5.0	<5.0	1370	<1000
08/30/99	11.16	5.32	5.84	--	--	--	--	1310*	985	12.5	6.0	9.5	10.8	6600	--
11/17/99	11.16	5.73	5.43	--	--	--	--	1060*	1700	14.4	5.99	5.98	<5.0	14,200	--
02/21/00	11.16	6.85	4.31	--	--	--	--	430*	595	3.49	<0.5	<0.5	4.26	5100	--
05/08/00	11.16	6.21	4.95	0.00	--	--	--	340 <sup>6</sup>	<500	<5.0	<5.0	<5.0	<5.0	2,100	--
08/08/00	11.16	6.01	5.15	0.00	--	--	--	260 <sup>6</sup>	410 <sup>3</sup>	3.9	1.5	1.8	4.8	2,000	--

\* Chromatogram pattern indicates an unidentified hydrocarbon.

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-0290  
1802 Webster Street  
Alameda, California

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

DATE	TOC	GWE	DIW	SPHT	SPH Removed	Total SPH Removed	Notes	TPH- Diesel	TPH- Gasoline	Benzene	Toluene	Ethyl- Benzene	Xylenes	MTBE	TOG
<b>B-13</b>															
11/29/95	11.17	5.26	5.91	--	--	--	--	3400*	1800	19	<5.0	5.5	<5.0	7400	--
02/08/96	11.17	6.72	4.45	--	--	--	--	450*	910	12	1.3	2.0	1.9	77	--
05/08/96	11.17	6.20	4.97	--	--	--	--	560*	140	1.9	<0.5	0.88	2.0	98	--
08/23/96	11.17	5.54	5.63	--	--	--	--	1300*	1300	<10	<10	<10	<10	450	--
12/12/96	11.17	5.91	5.26	--	--	--	--	1300*	2600	29	5.4	9.40	6.3	230	--
02/10/97	11.17	7.05	4.12	--	--	--	--	290*	670	<0.5	6.7	2.6	5.6	28	--
05/01/97	11.17	6.17	5.00	--	--	--	--	480*	920	8.5	4.6	2.1	6.1	530	--
08/05/97	11.17	5.52	5.65	--	--	--	--	1300*	1900	23	<5.0	<5.0	<5.0	860	--
10/28/97	11.17	5.49	5.68	--	--	--	--	2200*	2400	33	14	8.4	10	2100	--
02/04/98	11.17	8.48	2.69	--	--	--	--	260*	110	<0.5	<0.5	<0.5	<0.5	260	--
06/03/98	11.17	6.79	4.38	--	--	--	--	480*	<50	<0.5	<0.5	<0.5	<0.5	400	--
07/29/98	11.17	6.12	5.05	--	--	--	--	830*	350	5.0	<0.5	0.67	1.2	730	--
07/29/98	11.17	6.12	5.05	--	--	--	Confirmation run	--	--	--	--	--	--	980	--
11/30/98	11.17	6.16	5.01	--	--	--	--	741	168	0.797	<0.5	<0.5	<0.5	114	--
02/24/99	11.17	7.14	4.03	--	--	--	--	670*	69	<0.5	<0.5	<0.5	<0.5	530	--
05/06/99	11.17	6.72	4.45	--	--	--	--	540*	<500	<5.0	<5.0	<5.0	<5.0	454	--
08/30/99	11.17	5.43	5.74	--	--	--	--	927*	748	13.7	<2.5	4.53	10.6	377	--
11/17/99	11.17	5.58	5.59	--	--	--	--	1310*	1240	24.6	8.96	<5.0	20.2	1900	--
02/21/00	11.17	6.93	4.24	--	--	--	--	200*	443	2.11	0.908	1.89	2.89	254	--
05/08/00	11.17	6.35	4.82	0.00	--	--	--	240 <sup>4</sup>	190 <sup>3</sup>	<0.50	0.68	1.7	1.1	190	--
08/08/00	11.17	6.18	4.99	0.00	--	--	--	100 <sup>6</sup>	150 <sup>3</sup>	0.84	1.2	1.3	2.6	44	--

\* Chromatogram pattern indicates an unidentified hydrocarbon.

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
 Chevron Service Station #9-0290  
 1802 Webster Street  
 Alameda, California

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

DATE	TOC	GWE	DIW	SPHT	SPH		Notes	TPH-Diesel	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylenes	MTBE	TOG
					Removed	Total Removed									
<b>TRIP BLANK</b>															
01/06/93	--	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
04/23/93	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
07/19/93	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
10/19/93	--	--	--	--	--	--	--	--	<50	<0.5	0.5	<0.5	<0.5	--	--
01/17/94	--	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
08/18/94	--	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
11/30/94	--	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
02/15/95	--	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
05/01/95	--	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
08/04/95	--	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
11/29/95	--	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
02/08/96	--	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
05/08/96	--	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
08/23/96	--	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/12/96	--	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
02/10/97	--	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
05/01/97	--	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
08/05/97	--	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
10/28/97	--	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
02/04/98	--	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
02/12/98	--	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
06/03/98	--	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
07/29/98	--	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
11/30/98	--	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0	--
02/24/99	--	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
05/06/99	--	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
08/30/99	--	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-0290  
1802 Webster Street  
Alameda, California

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

DATE	TOC	GWE	DTW	SPHT	SPH Removed	Total SPH Removed	Notes	TPH- Diesel	TPH- Gasoline	Benzene	Toluene	Ethyl- Benzene	Xylenes	MTBE	TOG
<b>TRIP BLANK (cont)</b>															
11/17/99	--	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
02/21/00	--	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
05/08/00	--	--	--	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--
08/08/00	--	--	--	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--



**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-0290  
1802 Webster Street  
Alameda, California

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**EXPLANATIONS:**

Groundwater monitoring data and laboratory analytical results prior to May 8, 2000, were compiled from reports prepared by Blaine Tech Services, Inc.

TOC = Top of Casing

DTW = Depth to Water

GWE = Groundwater Elevation

SPHT = Separate Phase Hydrocarbons Thickness

SPH = Separate Phase Hydrocarbons

TPH = Total Petroleum Hydrocarbons

MTBE = Methyl tertiary butyl ether

TOG = Total Oil and Grease

-- = Not Measured/Not Analyzed

- <sup>1</sup> Laboratory report indicates gasoline C6-C12 + unidentified hydrocarbons >C10.
- <sup>2</sup> Laboratory report indicates gasoline C6-C12 + unidentified hydrocarbons C6-C12.
- <sup>3</sup> Laboratory report indicates gasoline C6-C12.
- <sup>4</sup> Laboratory report indicates unidentified hydrocarbons C9-C24.
- <sup>5</sup> Laboratory report indicates unidentified hydrocarbons >C16.
- <sup>6</sup> Laboratory report indicates unidentified hydrocarbons <C16.

**Table 2**  
**Groundwater Analytical Results**  
 Chevron Service Station #9-0290  
 1802 Webster Street  
 Alameda, California

Analytical values are in parts per billion (ppb)

DATE	Alkalinity	Ferrous Iron	Nitrate as Nitrate	Sulfate	EPA 8010B	EPA 8270B	Cadmium	Chromium	Lead	Nickel	Zinc	Motor Oil
<b>A-1</b> 08/30/99	--	--	--	--	--	--	--	--	--	--	--	68,400
<b>B-1</b> 07/29/98	930,000	2,000	13,000	280,000	--	--	--	--	--	--	--	--
<b>B-5</b> 07/29/98	280,000	1,100	<1,000	7,000	--	--	--	--	--	--	--	--
<b>B-10</b> 07/29/98	630,000	740	34,000	16,000	--	--	--	--	--	--	--	--
<b>B-11</b> 07/29/98	460,000	1,100	33,000	18,000	--	--	--	--	--	--	--	--
<b>B-12</b> 07/29/98	700,000	450	<1,000	27,000	--	--	--	--	--	--	--	--
05/06/99	--	--	--	--	<5.0-<10	<10-<50	<10	86.7	<75	143	185	--
<b>B-13</b> 07/29/98	290,000	240	5,600	17,000	--	--	--	--	--	--	--	--

**Table 2**  
**Groundwater Analytical Results**  
Chevron Service Station #9-0290  
1802 Webster Street  
Alameda, California

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**EXPLANATIONS:**

Groundwater laboratory analytical results were compiled from reports prepared by Blaine Tech Services, Inc.

-- = Not Measured/Not Analyzed

## 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, static water level measurements are collected with the interface probe and are also recorded in the field notes.

After water levels are collected and prior to sampling, each well is purged a minimum of three well casing volumes of water using pre-cleaned pumps (stack, suction, Grundfos), or polyvinyl chloride 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 Chevron-designated disposable bailers. The water samples are transferred from the bailer into appropriate containers. Pre-preserved containers, supplied by analytical laboratories, are used for all samples. Duplicate samples are collected for the laboratory to use in maintaining quality assurance/quality control standards. The samples are labeled to include the job number, sample identification, collection date and time, analysis, preservation (if any), and the sample collector's initials. The water samples are placed in a cooler, maintained at 4°C for transport to the laboratory. Once collected in the field, all samples are maintained under chain of custody until delivered to the laboratory.

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

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

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

**WELL MONITORING/SAMPLING  
FIELD DATA SHEET**

Client/Facility# CHEVRON # 9-0290 Job#: 385280  
 Address: 1802 Webster St Date: 8-8-00  
 City: Alameda, CA Sampler: Frank T.

Well ID A-1 Well Condition: 0'K'  
 Well Diameter 6" in. Hydrocarbon Thickness: .13 (feet) Amount Bailed 1 LITER (product/water): .26 (Gallons)  
 Total Depth 11.09 ft. Volume 2" = 0.17 3" = 0.38 4" = 0.66  
 Depth to Water 5.53 ft. Factor (VF) 6" = 1.50 12" = 5.80

N/A X VF. \_\_\_\_\_ = \_\_\_\_\_ X 3 (case volume) = Estimated Purge Volume: \_\_\_\_\_ (gal.)

Purge Equipment: ( Disposable Bailer )  
 Bailer  
 Stack  
 Suction  
 Grundfos  
 Other: \_\_\_\_\_

Sampling Equipment: Disposable Bailer  
 Bailer  
N/A Pressure Bailer  
 Grab Sample  
 Other: \_\_\_\_\_

Starting Time: \_\_\_\_\_ Weather Conditions: SUNNY  
 Sampling Time: \_\_\_\_\_ Water Color: \_\_\_\_\_ Odor: \_\_\_\_\_  
 Purging Flow Rate: \_\_\_\_\_ gpm. Sediment Description: \_\_\_\_\_  
 Did well de-water? \_\_\_\_\_ If yes: Time: \_\_\_\_\_ Volume: \_\_\_\_\_ (gal.)

Time	Volume (gal.)	pH	Conductivity $\mu$ mhos/cm	Temperature $^{\circ}$ F	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
/	/	/	/	/	/	/	/
/	/	/	/	/	/	/	/
/	/	/	/	/	/	/	/
/	/	/	/	/	/	/	/
/	/	/	/	/	/	/	/

**LABORATORY INFORMATION**

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>A-1</u>	<u>1 - Liter Amber</u>	<u>●</u>	<u>None</u>	<u>SEQUOIA</u>	<u>[REDACTED]</u>

COMMENTS: BAILED 1 LITER (.26 GALS) OF SPH, TRANSFERRED TO SEQUOIA LAB TO HOLD. THERE WAS NO ABSORBANT PAD PRESENT IN THIS WELL AS STATED IN THE SCOPE OF WORK.

**WELL MONITORING/SAMPLING  
FIELD DATA SHEET**

Client/Facility# CHEVRON # 9-0290 Job#: 385280  
 Address: 1802 Webster St Date: 8-8-00  
 City: Alameda, CA Sampler: FRANK T.

Well ID B-1 Well Condition: O'K'  
 Well Diameter 2" in. Hydrocarbon Thickness: 0 (feet) Amount Bailed (product/water): 0 (Gallons)  
 Total Depth 15.93 ft. Volume 2" = 0.17 3" = 0.38 4" = 0.66  
 Depth to Water 5.90 ft. Factor (VF) 6" = 1.50 12" = 5.80

10.03 x VF .17 = 1.70 x 3 (case volume) = Estimated Purge Volume: 5.11 (gal.)

Purge Equipment: (Disposable Bailer)  
 Bailer  
 Stack  
 Suction  
 Grundfos  
 Other: \_\_\_\_\_  
 Sampling Equipment: (Disposable Bailer)  
 Bailer  
 Pressure Bailer  
 Grab Sample  
 Other: \_\_\_\_\_

Starting Time: 2:13 Weather Conditions: SUNNY  
 Sampling Time: 2:32 Water Color: CLOUDY Odor: YES  
 Purging Flow Rate: — gpm. Sediment Description: \_\_\_\_\_  
 Did well de-water? NO If yes; Time: \_\_\_\_\_ Volume: \_\_\_\_\_ (gal.)

Time	Volume (gal.)	pH	Conductivity $\mu\text{mhos/cm} \times 100$	Temperature $^{\circ}\text{F}$	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
<u>2:17</u>	<u>1.5</u>	<u>7.63</u>	<u>1095</u>	<u>78.2</u>			
<u>2:20</u>	<u>3.0</u>	<u>7.64</u>	<u>1060</u>	<u>74.3</u>			
<u>2:24</u>	<u>5.0</u>	<u>7.57</u>	<u>1033</u>	<u>74.0</u>			

**LABORATORY INFORMATION**

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>B-1</u>	<u>3 x VOA w/ HCL</u>	<u>Y</u>	<u>HCL</u>	<u>SEQUOIA</u>	<u>TPH(G)/btax/mtbs/TPAD</u>
	<u>1 - Liter Amber</u>		<u>None</u>	<u>Seq.</u>	

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

**WELL MONITORING/SAMPLING  
FIELD DATA SHEET**

Client/Facility# CHEVRON # 9-0290 Job#: 385280  
 Address: 1802 Webster St Date: 8-8-00  
 City: Alameda, CA Sampler: FRANKT.

Well ID B-5 Well Condition: OK  
 Well Diameter 2" in. Hydrocarbon Thickness: 0 (feet) Amount Bailed (product/water): 0 (Gallons)  
 Total Depth 18.12 ft. Volume Factor (VF) 2" = 0.17 3" = 0.38 4" = 0.66  
 Depth to Water 4.63 ft. 6" = 1.50 12" = 5.80

13.49 x VF .17 2.29 x 3 (case volume) = Estimated Purge Volume: 6.87 (gal.)

Purge Equipment: Disposable Bailer Bailer (Stack) Suction Grundfos Other: \_\_\_\_\_  
 Sampling Equipment: (Disposable Bailer) Bailer Pressure Bailer Grab Sample Other: \_\_\_\_\_

Starting Time: 1:08 Weather Conditions: OVERCAST  
 Sampling Time: 1:24 Water Color: CLEAR Odor: YES  
 Purging Flow Rate: 1.0-1.5 gpm. Sediment Description: \_\_\_\_\_  
 Did well de-water? NO If yes; Time: \_\_\_\_\_ Volume: \_\_\_\_\_ (gal.)

Time	Volume (gal.)	pH	Conductivity $\mu$ mhos/cm $\times 100$	Temperature $^{\circ}$ F	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
<u>1:10</u>	<u>2.5</u>	<u>6.98</u>	<u>564</u>	<u>75.1</u>	_____	_____	_____
<u>1:12</u>	<u>5.0</u>	<u>6.94</u>	<u>588</u>	<u>74.8</u>	_____	_____	_____
<u>1:14</u>	<u>7.0</u>	<u>6.65</u>	<u>596</u>	<u>74.6</u>	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____

**LABORATORY INFORMATION**

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>B-5</u>	<u>3 x VOA w/ HCL</u>	<u>Y</u>	<u>HCL</u>	<u>SEQUOIA</u>	<u>TPH(GI)/BTEX/MTBE/TPMTS</u>
	<u>1 Liter Amb</u>		<u>None</u>	<u>Seq.</u>	

COMMENTS: SLOW RECOVERY

**WELL MONITORING/SAMPLING  
FIELD DATA SHEET**

Client/Facility # CHEVRON # 9-0290 Job#: 385200  
 Address: 1802 Webster St Date: 8-8-00  
 City: Alameda, CA Sampler: FRANK T.

Well ID B-6 Well Condition: O'K'  
 Well Diameter 2" in. Hydrocarbon Amount Bailed  
 Thickness: 0 (feet) (product/water): 0 (Gallons)  
 Total Depth 18.30 ft. Volume 2" = 0.17 3" = 0.38 4" = 0.66  
 Depth to Water 5.42 ft. Factor (VF) 6" = 1.50 12" = 5.80

12.88 x VF .17 = 2.19 x 3 (case volume) = Estimated Purge Volume: 6.56 (gal.)

Purge Equipment: Disposable Bailer Bailer (Stack) Suction Grundfos Other: \_\_\_\_\_  
 Sampling Equipment: (Disposable Bailer) Bailer Pressure Bailer Grab Sample Other: \_\_\_\_\_

Starting Time: 3:20 Weather Conditions: SUNNY  
 Sampling Time: 3:36 Water Color: CLEAR Odor: YES  
 Purging Flow Rate: 1.0 - 1.5 gpm. Sediment Description: \_\_\_\_\_  
 Did well de-water? NO If yes; Time: \_\_\_\_\_ Volume: \_\_\_\_\_ (gal.)

Time	Volume (gal.)	pH	Conductivity $\mu\text{mhos/cm}$	Temperature $^{\circ}\text{F}$	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
<u>3:22</u>	<u>2.5</u>	<u>7.30</u>	<u>571</u>	<u>75.2</u>			
<u>3:24</u>	<u>5.0</u>	<u>7.31</u>	<u>573</u>	<u>74.9</u>			
<u>3:26</u>	<u>7.0</u>	<u>7.31</u>	<u>564</u>	<u>74.8</u>			

**LABORATORY INFORMATION**

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>B-6</u>	<u>3 x VOA w/ HCL</u>	<u>Y</u>	<u>HCL</u>	<u>SEQUOIA</u>	<u>mtbe/TPND</u>
	<u>1 - Liter Amber</u>		<u>None</u>	<u>Seq.</u>	

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



**WELL MONITORING/SAMPLING  
FIELD DATA SHEET**

Client/Facility # CHEVRON # 9-0290 Job#: 385280  
 Address: 1802 Webster St Date: 8-8-00  
 City: Alameda, CA Sampler: Frank T.

Well ID B-7 Well Condition: OK!  
 Well Diameter 2" in. Hydrocarbon Thickness: 0 (feet) Amount Bailed (product/water): 0 (Gallons)  
 Total Depth 13.47 ft. Volume 2" = 0.17 3" = 0.38 4" = 0.66  
 Depth to Water 4.49 ft. Factor (VF) 6" = 1.50 12" = 5.80

8.98 x VF .17 = 1.52 x 3 (case volume) = Estimated Purge Volume: 4.57 (gal.)

Purge Equipment: (Disposable Bailor) Bailor Stack Suction Grundfos Other: \_\_\_\_\_  
 Sampling Equipment: (Disposable Bailor) Bailor Pressure Bailor Grab Sample Other: \_\_\_\_\_

Starting Time: 11:53 Weather Conditions: OVERCAST  
 Sampling Time: 12:09 Water Color: CLOUDY Odor: NO  
 Purging Flow Rate: — gpm. Sediment Description: \_\_\_\_\_  
 Did well de-water? NO If yes; Time: \_\_\_\_\_ Volume: \_\_\_\_\_ (gal.)

Time	Volume (gal)	pH	Conductivity $\mu\text{mhos/cm} \times 100$	Temperature $^{\circ}\text{F}$	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
11:55	1.5	7.83	654	76.6			
11:58	3.0	7.16	580	70.4			
12:01	5.0	7.05	514	70.2			

**LABORATORY INFORMATION**

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
B-7	3 x VOA w/ HCL Litter Amber	Y	HCL None	SEQUOIA Seq.	TPH(G)/bta(x)/mtba

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

**WELL MONITORING/SAMPLING  
FIELD DATA SHEET**

Client/Facility# CHEVRON # 9-0290 Job#: 385280  
 Address: 1802 Webster St Date: 8-8-00  
 City: Alameda, CA Sampler: FRANK T.

Well ID B-10 Well Condition: 0'K'  
 Well Diameter 2" in. Hydrocarbon Thickness: 0 (feet) Amount Bailed (Gallons) 0  
 Total Depth 16.03 ft. Volume 2" = 0.17 3" = 0.38 4" = 0.66  
 Depth to Water DRY ft. Factor (VF) 6" = 1.50 12" = 5.80

n/a x VF \_\_\_\_\_ = \_\_\_\_\_ x 3 (case volume) = Estimated Purge Volume: \_\_\_\_\_ (gal.)

Purge Equipment: n/a Disposable Bailer  
 Bailer  
 Stack  
 Suction  
 Grundfos  
 Other: \_\_\_\_\_  
 Sampling Equipment: n/a Disposable Bailer  
 Bailer  
 Pressure Bailer  
 Grab Sample  
 Other: \_\_\_\_\_

Starting Time: \_\_\_\_\_ Weather Conditions: SUNNY  
 Sampling Time: \_\_\_\_\_ Water Color: \_\_\_\_\_ Odor: \_\_\_\_\_  
 Purging Flow Rate: \_\_\_\_\_ gpm. Sediment Description: \_\_\_\_\_  
 Did well de-water? \_\_\_\_\_ If yes; Time: \_\_\_\_\_ Volume: \_\_\_\_\_ (gal.)

Time	Volume (gal.)	pH	Conductivity $\mu\text{mhos/cm} \times 100$	Temperature $^{\circ}\text{F}$	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)

**LABORATORY INFORMATION**

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>B-10</u>	<u>X UOA w/ HCL</u> <u>Liter Amber</u>	<u>Y</u>	<u>HCL</u> <u>None</u>	<u>SEQUOIA</u> <u>Seq.</u>	<u>TPH(GI)/btaa/mrba/TPAD</u>

COMMENTS: THERE WAS NO GROUNDWATER THIS WELL IT WAS DRY.

**WELL MONITORING/SAMPLING  
FIELD DATA SHEET**

Client/Facility# CHEVRON # 9-0290 Job#: 385280  
 Address: 1802 Webster St Date: 8-8-00  
 City: Alameda, CA Sampler: FRANK T.

Well ID B-11 Well Condition: OK  
 Well Diameter 2" in. Hydrocarbon Thickness: 0 (feet) Amount Bailed (product/water): 0 (Gallons)  
 Total Depth 14.27 ft. Volume Factor (VF) 2" = 0.17 3" = 0.38 4" = 0.66  
 Depth to Water 5.19 ft. 6" = 1.50 12" = 5.80

9.08 x VF .17 = 1.54 x 3 (case volume) = Estimated Purge Volume: 4.63 (gal.)

Purge Equipment: (Disposable Bailer)  
 Bailer  
 Stack  
 Suction  
 Grundfos  
 Other: \_\_\_\_\_

Sampling Equipment: (Disposable Bailer)  
 Bailer  
 Pressure Bailer  
 Grab Sample  
 Other: \_\_\_\_\_

Starting Time: 2:48 Weather Conditions: SUNNY  
 Sampling Time: 3:05 Water Color: CLEAR Odor: YES  
 Purging Flow Rate: — gpm. Sediment Description: \_\_\_\_\_  
 Did well de-water? NO If yes; Time: \_\_\_\_\_ Volume: \_\_\_\_\_ (gal.)

Time	Volume (gal.)	pH	Conductivity (µmhos/cm) x 100	Temperature (°F)	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
<u>2:51</u>	<u>1.5</u>	<u>7.34</u>	<u>572</u>	<u>73.5</u>			
<u>2:54</u>	<u>3.0</u>	<u>7.39</u>	<u>492</u>	<u>72.0</u>			
<u>2:57</u>	<u>5.0</u>	<u>7.35</u>	<u>498</u>	<u>71.8</u>			

**LABORATORY INFORMATION**

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>B-11</u>	<u>3 x UO4 w/ HCL</u>	<u>Y</u>	<u>HCL</u>	<u>SEQUOIA</u>	<u>TPH(GI)/btax/mtbe/TPMTD</u>
	<u>1 - Liter Amber</u>		<u>None</u>	<u>Seg.</u>	

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

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility# CHEVRON # 9-0290 Job#: 385280  
 Address: 1802 Webster St Date: 8-8-00  
 City: Alameda, CA Sampler: FRANK T.

Well ID: B-12 Well Condition: O'K  
 Well Diameter: 2" in. Hydrocarbon Amount Bailed  
 Thickness:  (feet) (product/water):  (Gallons)  
 Total Depth: 15.08 ft. Volume 2" = 0.17 3" = 0.38 4" = 0.66  
 Depth to Water: 5.15 ft. Factor (VF) 6" = 1.50 12" = 5.80

9.93 x VF .17 = 1.68 x 3 (case volume) = Estimated Purge Volume: 5.06 (gal.)

Purge Equipment: (Disposable Bailor) Bailor Stack Suction Grundfos Other: \_\_\_\_\_  
 Sampling Equipment: (Disposable Bailor) Bailor Pressure Bailor Grab Sample Other: \_\_\_\_\_

Starting Time: 1:42 Weather Conditions: SUNNY  
 Sampling Time: 1:58 Water Color: CLEAR Odor: YES  
 Purging Flow Rate: — gpm. Sediment Description: \_\_\_\_\_  
 Did well de-water? NO If yes; Time: \_\_\_\_\_ Volume: \_\_\_\_\_ (gal.)

Time	Volume (gal.)	pH	Conductivity $\mu\text{hos/cm} \times 100$	Temperature $^{\circ}\text{F}$	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
1:48	1.5	7.32	763	74.4			
1:48	3.0	7.28	748	72.1			
1:50	5.0	7.24	697	71.9			

### LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
B-12	3 x VOA w/ HCL	Y	HCL	SEQUOIA	TPH(G)/btex/mtbe/TPAD
	1 - Liter Amber		None	Seq.	

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

**WELL MONITORING/SAMPLING  
FIELD DATA SHEET**

Client/Facility# CHEVRON # 9-0290 Job#: 385280  
 Address: 1802 Webster St Date: 8-8-00  
 City: Alameda, CA Sampler: Frank T.

Well ID B-13 Well Condition: OK  
 Well Diameter 2" in. Hydrocarbon Amount Bailed  
 Thickness: 0 (feet) (product/water): 0 (Gallons)  
 Total Depth 13.93 ft.  
 Depth to Water 4.99 ft.

Volume Factor (VF)	2" = 0.17	3" = 0.38	4" = 0.66
	6" = 1.50	12" = 5.80	

8.94 x VF .17 = 1.51 x 3 (case volume) = Estimated Purge Volume: 4.55 gal.

Purge Equipment: ( Disposable Bailer )  
 Bailer  
 Stack  
 Suction  
 Grundfos  
 Other: \_\_\_\_\_  
 Sampling Equipment: ( Disposable Bailer )  
 Bailer  
 Pressure Bailer  
 Grab Sample  
 Other: \_\_\_\_\_

Starting Time: 12:27 Weather Conditions: OVERCAST  
 Sampling Time: 12:45 Water Color: CLEAR Odor: YES  
 Purging Flow Rate: - gpm. Sediment Description: \_\_\_\_\_  
 Did well de-water? NO If yes; Time: \_\_\_\_\_ Volume: \_\_\_\_\_ (gal.)

Time	Volume (gal.)	pH	Conductivity $\mu\text{mhos/cm} \times 100$	Temperature $^{\circ}\text{F}$	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
<u>12:30</u>	<u>1.5</u>	<u>6.90</u>	<u>376</u>	<u>73.8</u>			
<u>12:33</u>	<u>3.0</u>	<u>6.79</u>	<u>396</u>	<u>74.1</u>			
<u>12:37</u>	<u>5.0</u>	<u>6.74</u>	<u>406</u>	<u>74.3</u>			

**LABORATORY INFORMATION**

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>B-13</u>	<u>3 x VOA w/ HCL</u>	<u>Y</u>	<u>HCL</u>	<u>SEQUOIA</u>	<u>TPH(G)/BTEX/MTBE/TPAD</u>
	<u>1 - Liter AMW</u>		<u>None</u>	<u>Seq.</u>	

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





# Sequoia Analytical

404 N. Wiget Lane  
Walnut Creek, CA 94598  
(925) 988-9600  
FAX (925) 988-9673  
[www.sequoialabs.com](http://www.sequoialabs.com)

23 August, 2000

Deanna L. Harding  
Gettler Ryan, Inc. - Dublin  
6747 Sierra Court Suite J  
Dublin, CA 94568

RE: Chevron  
Sequoia Report: W008246

Enclosed are the results of analyses for samples received by the laboratory on 09-Aug-00 17:07. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Charlie Westwater  
Project Manager

CA ELAP Certificate #1271





Gettler Ryan, Inc. - Dublin  
6747 Sierra Court Suite J  
Dublin CA, 94568

Project: Chevron  
Project Number: Chevron # 9-0290  
Project Manager: Deanna L. Harding


Reported:  
23-Aug-00 07:53

**ANALYTICAL REPORT FOR SAMPLES**

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
TB-LB	W008246-01	Water	08-Aug-00 00:00	09-Aug-00 17:07
B-1	W008246-02	Water	08-Aug-00 14:32	09-Aug-00 17:07
B-5	W008246-03	Water	08-Aug-00 13:24	09-Aug-00 17:07
B-6	W008246-04	Water	08-Aug-00 15:36	09-Aug-00 17:07
B-7	W008246-05	Water	08-Aug-00 12:09	09-Aug-00 17:07
B-11	W008246-06	Water	08-Aug-00 15:05	09-Aug-00 17:07
B-12	W008246-07	Water	08-Aug-00 13:58	09-Aug-00 17:07
B-13	W008246-08	Water	08-Aug-00 12:45	09-Aug-00 17:07

Sequoia Analytical - Walnut Creek

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

  
Charlie Westwater, Project Manager







Gettler Ryan, Inc. - Dublin  
6747 Sierra Court Suite J  
Dublin CA, 94568

Project: Chevron  
Project Number: Chevron # 9-0290  
Project Manager: Deanna L. Harding

Reported:  
23-Aug-00 07:53

**Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT**  
**Sequoia Analytical - Walnut Creek**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>TE-LB (W008246-01) Water</b> Sampled: 08-Aug-00 00:00 Received: 09-Aug-00 17:07									
Purgeable Hydrocarbons	ND	50	ug/l	1	0H15002	15-Aug-00	18-Aug-00	EPA 8015M/8020	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	2.5	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		99.0 %	70-130		"	"	"	"	
<b>B-1 (W008246-02) Water</b> Sampled: 08-Aug-00 14:32 Received: 09-Aug-00 17:07									
Purgeable Hydrocarbons	ND	500	ug/l	10	0H16003	16-Aug-00	16-Aug-00	EPA 8015M/8020	
Benzene	29	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
Xylenes (total)	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	1900	25	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		90.0 %	70-130		"	"	"	"	
<b>B-5 (W008246-03) Water</b> Sampled: 08-Aug-00 13:24 Received: 09-Aug-00 17:07									
Purgeable Hydrocarbons	ND	1000	ug/l	20	0H16003	16-Aug-00	16-Aug-00	EPA 8015M/8020	
Benzene	ND	10	"	"	"	"	"	"	
Toluene	ND	10	"	"	"	"	"	"	
Ethylbenzene	ND	10	"	"	"	"	"	"	
Xylenes (total)	ND	10	"	"	"	"	"	"	
Methyl tert-butyl ether	8600	50	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		96.3 %	70-130		"	"	"	"	





Gettler Ryan, Inc. - Dublin  
6747 Sierra Court Suite J  
Dublin CA, 94568

Project: Chevron  
Project Number: Chevron # 9-0290  
Project Manager: Deanna L. Harding

Reported:  
23-Aug-00 07:53

**Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT  
Sequoia Analytical - Walnut Creek**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>B-7 (W008246-05) Water</b> Sampled: 08-Aug-00 12:09 Received: 09-Aug-00 17:07									
Purgeable Hydrocarbons	ND	50	ug/l	1	0H15002	15-Aug-00	15-Aug-00	EPA 8015M/8020	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	2.5	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		96.7 %	70-130		"	"	"	"	
<b>B-11 (W008246-06) Water</b> Sampled: 08-Aug-00 15:05 Received: 09-Aug-00 17:07 <span style="float: right;">P-01</span>									
Purgeable Hydrocarbons	2900	2500	ug/l	50	0H16003	16-Aug-00	16-Aug-00	EPA 8015M/8020	
Benzene	51	25	"	"	"	"	"	"	
Toluene	ND	25	"	"	"	"	"	"	
Ethylbenzene	ND	25	"	"	"	"	"	"	
Xylenes (total)	38	25	"	"	"	"	"	"	
Methyl tert-butyl ether	10000	130	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		93.0 %	70-130		"	"	"	"	
<b>B-12 (W008246-07) Water</b> Sampled: 08-Aug-00 13:58 Received: 09-Aug-00 17:07 <span style="float: right;">P-01</span>									
Purgeable Hydrocarbons	410	50	ug/l	1	0H15003	15-Aug-00	15-Aug-00	EPA 8015M/8020	
Benzene	3.9	0.50	"	"	"	"	"	"	
Toluene	1.5	0.50	"	"	"	"	"	"	
Ethylbenzene	1.8	0.50	"	"	"	"	"	"	
Xylenes (total)	4.8	0.50	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		83.0 %	70-130		"	"	"	"	





Gettler Ryan, Inc. - Dublin  
6747 Sierra Court Suite J  
Dublin CA, 94568

Project: Chevron  
Project Number: Chevron # 9-0290  
Project Manager: Deanna L. Harding

Reported:  
23-Aug-00 07:53

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

**Sequoia Analytical - Walnut Creek**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
B-12 (W008246-07RE1) Water Sampled: 08-Aug-00 13:58 Received: 09-Aug-00 17:07									P-01
Methyl tert-butyl ether	2000	50	ug/l	20	0H15003	15-Aug-00	16-Aug-00	EPA 8015M/8020	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		91.3 %	70-130		"	"	"	"	
B-13 (W008246-08) Water Sampled: 08-Aug-00 12:45 Received: 09-Aug-00 17:07									P-01
Purgeable Hydrocarbons	150	50	ug/l	1	0H15003	15-Aug-00	15-Aug-00	EPA 8015M/8020	
Benzene	0.84	0.50	"	"	"	"	"	"	
Toluene	1.2	0.50	"	"	"	"	"	"	
Ethylbenzene	1.3	0.50	"	"	"	"	"	"	
Xylenes (total)	2.6	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	44	2.5	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		84.7 %	70-130		"	"	"	"	





Gettler Ryan, Inc. - Dublin 6747 Sierra Court Suite J Dublin CA, 94568	Project: Chevron Project Number: Chevron # 9-0290 Project Manager: Deanna L. Harding	Reported: 23-Aug-00 07:53
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**Diesel Hydrocarbons (C9-C24) by DHS LUFT  
Sequoia Analytical - Walnut Creek**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>B-1 (W008246-02) Water</b> Sampled: 08-Aug-00 14:32    Received: 09-Aug-00 17:07									
Diesel Range Hydrocarbons	520	50	ug/l	1	0H15010	15-Aug-00	16-Aug-00	EPA 8015M	D-14
Surrogate: n-Pentacosane		96.1 %	50-150		"	"	"	"	
<b>B-5 (W008246-03) Water</b> Sampled: 08-Aug-00 13:24    Received: 09-Aug-00 17:07									
Diesel Range Hydrocarbons	350	50	ug/l	1	0H15010	15-Aug-00	16-Aug-00	EPA 8015M	D-14
Surrogate: n-Pentacosane		65.2 %	50-150		"	"	"	"	
<b>B-6 (W008246-04) Water</b> Sampled: 08-Aug-00 15:36    Received: 09-Aug-00 17:07									
Diesel Range Hydrocarbons	180	50	ug/l	1	0H15010	15-Aug-00	16-Aug-00	EPA 8015M	D-14
Surrogate: n-Pentacosane		114 %	50-150		"	"	"	"	
<b>B-11 (W008246-06) Water</b> Sampled: 08-Aug-00 15:05    Received: 09-Aug-00 17:07									
Diesel Range Hydrocarbons	660	50	ug/l	1	0H15010	15-Aug-00	16-Aug-00	EPA 8015M	D-11
Surrogate: n-Pentacosane		51.7 %	50-150		"	"	"	"	
<b>B-12 (W008246-07) Water</b> Sampled: 08-Aug-00 13:58    Received: 09-Aug-00 17:07									
Diesel Range Hydrocarbons	260	50	ug/l	1	0H15010	15-Aug-00	16-Aug-00	EPA 8015M	D-11
Surrogate: n-Pentacosane		63.1 %	50-150		"	"	"	"	
<b>B-13 (W008246-08) Water</b> Sampled: 08-Aug-00 12:45    Received: 09-Aug-00 17:07									
Diesel Range Hydrocarbons	100	50	ug/l	1	0H15010	15-Aug-00	16-Aug-00	EPA 8015M	D-11
Surrogate: n-Pentacosane		99.1 %	50-150		"	"	"	"	





Gettler Ryan, Inc. - Dublin  
6747 Sierra Court Suite J  
Dublin CA, 94568

Project: Chevron  
Project Number: Chevron # 9-0290  
Project Manager: Deanna L. Harding

Reported:  
23-Aug-00 07:53

**MTBE by DHS LUFT**

**Sequoia Analytical - Walnut Creek**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
B-6 (W008246-04) Water Sampled: 08-Aug-00 15:36 Received: 09-Aug-00 17:07									
Methyl tert-butyl ether	25000	1300	ug/l	500	0H16003	16-Aug-00	16-Aug-00	DHS LUFT	
Surrogate: a,a,a-Trifluorotoluene		96.7 %		70-130	"	"	"	"	





Gettler Ryan, Inc. - Dublin  
6747 Sierra Court Suite J  
Dublin CA, 94568

Project: Chevron  
Project Number: Chevron # 9-0290  
Project Manager: Deanna L. Harding

Reported:  
23-Aug-00 07:53

**Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT - Quality Control**  
**Sequoia Analytical - Walnut Creek**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 0H15002 - EPA 5030B [P/T]**

**Blank (0H15002-BLK1)**

Prepared & Analyzed: 15-Aug-00

Purgeable Hydrocarbons	ND	50	ug/l							
Benzene	ND	0.50	"							
Toluene	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
Methyl tert-butyl ether	ND	2.5	"							
Surrogate: <i>a,a,a</i> -Trifluorotoluene	29.1		"	30.0		97.0	70-130			

**LCS (0H15002-BS1)**

Prepared & Analyzed: 15-Aug-00

Benzene	19.3	0.50	ug/l	20.0		96.5	70-130			
Toluene	19.8	0.50	"	20.0		99.0	70-130			
Ethylbenzene	20.8	0.50	"	20.0		104	70-130			
Xylenes (total)	62.4	0.50	"	60.0		104	70-130			
Surrogate: <i>a,a,a</i> -Trifluorotoluene	28.7		"	30.0		95.7	70-130			

**LCS Dup (0H15002-BSD1)**

Prepared & Analyzed: 15-Aug-00

Benzene	18.8	0.50	ug/l	20.0		94.0	70-130	2.62	20	
Toluene	19.3	0.50	"	20.0		96.5	70-130	2.56	20	
Ethylbenzene	19.9	0.50	"	20.0		99.5	70-130	4.42	20	
Xylenes (total)	59.8	0.50	"	60.0		99.7	70-130	4.26	20	
Surrogate: <i>a,a,a</i> -Trifluorotoluene	29.7		"	30.0		99.0	70-130			

**Batch 0H15003 - EPA 5030B [P/T]**

**Blank (0H15003-BLK1)**

Prepared & Analyzed: 15-Aug-00

Purgeable Hydrocarbons	ND	50	ug/l							
Benzene	ND	0.50	"							
Toluene	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
Methyl tert-butyl ether	ND	2.5	"							
Surrogate: <i>a,a,a</i> -Trifluorotoluene	31.0		"	30.0		103	70-130			





Gettler Ryan, Inc. - Dublin  
6747 Sierra Court Suite J  
Dublin CA, 94568

Project: Chevron  
Project Number: Chevron # 9-0290  
Project Manager: Deanna L. Harding

Reported:  
23-Aug-00 07:53

**Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT - Quality Control**  
**Sequoia Analytical - Walnut Creek**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 0H15003 - EPA 5030B [P/T]**

**LCS (0H15003-BS1)**

Prepared & Analyzed: 15-Aug-00

Benzene	19.4	0.50	ug/l	20.0		97.0	70-130			
Toluene	19.3	0.50	"	20.0		96.5	70-130			
Ethylbenzene	19.4	0.50	"	20.0		97.0	70-130			
Xylenes (total)	56.3	0.50	"	60.0		93.8	70-130			
Surrogate: <i>a,a,a</i> -Trifluorotoluene	28.1		"	30.0		93.7	70-130			

**LCS Dup (0H15003-BSD1)**

Prepared: 15-Aug-00 Analyzed: 16-Aug-00

Benzene	19.9	0.50	ug/l	20.0		99.5	70-130	2.54	20	
Toluene	20.1	0.50	"	20.0		101	70-130	4.06	20	
Ethylbenzene	20.4	0.50	"	20.0		102	70-130	5.03	20	
Xylenes (total)	58.4	0.50	"	60.0		97.3	70-130	3.66	20	
Surrogate: <i>a,a,a</i> -Trifluorotoluene	30.5		"	30.0		102	70-130			

**Batch 0H16003 - EPA 5030B [P/T]**

**Blank (0H16003-BLK1)**

Prepared & Analyzed: 16-Aug-00

Purgeable Hydrocarbons	ND	50	ug/l							
Benzene	ND	0.50	"							
Toluene	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
Methyl tert-butyl ether	ND	2.5	"							
Surrogate: <i>a,a,a</i> -Trifluorotoluene	30.2		"	30.0		101	70-130			

**LCS (0H16003-BS1)**

Prepared & Analyzed: 16-Aug-00

Benzene	17.7	0.50	ug/l	20.0		88.5	70-130			
Toluene	17.8	0.50	"	20.0		89.0	70-130			
Ethylbenzene	18.0	0.50	"	20.0		90.0	70-130			
Xylenes (total)	51.9	0.50	"	60.0		86.5	70-130			
Surrogate: <i>a,a,a</i> -Trifluorotoluene	27.7		"	30.0		92.3	70-130			





Gettler Ryan, Inc. - Dublin  
6747 Sierra Court Suite J  
Dublin CA, 94568

Project: Chevron  
Project Number: Chevron # 9-0290  
Project Manager: Deanna L. Harding

Reported:  
23-Aug-00 07:53

**Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT - Quality Control  
Sequoia Analytical - Walnut Creek**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 0H16003 - EPA 5030B [P/T]

LCS Dup (0H16003-BSD1)

Prepared: 16-Aug-00 Analyzed: 17-Aug-00

Benzene	19.4	0.50	ug/l	20.0		97.0	70-130	9.16	20	
Toluene	19.6	0.50	"	20.0		98.0	70-130	9.63	20	
Ethylbenzene	19.8	0.50	"	20.0		99.0	70-130	9.52	20	
Xylenes (total)	57.1	0.50	"	60.0		95.2	70-130	9.54	20	
Surrogate: <i>α,α,α</i> -Trifluorotoluene	28.8		"	30.0		96.0	70-130			







Gettler Ryan, Inc. - Dublin 6747 Sierra Court Suite J Dublin CA, 94568	Project: Chevron Project Number: Chevron # 9-0290 Project Manager: Deanna L. Harding	Reported: 23-Aug-00 07:53
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**Diesel Hydrocarbons (C9-C24) by DHS LUFT - Quality Control**  
**Sequoia Analytical - Walnut Creek**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch 0H15010 - EPA 3510B</b>										
<b>Blank (0H15010-BLK1)</b> Prepared: 15-Aug-00 Analyzed: 16-Aug-00										
Diesel Range Hydrocarbons	ND	50	ug/l							
Surrogate: n-Pentacosane	29.7		"	33.3		89.2	50-150			
<b>LCS (0H15010-BS1)</b> Prepared: 15-Aug-00 Analyzed: 16-Aug-00										
Diesel Range Hydrocarbons	352	50	ug/l	500		70.4	60-140			
Surrogate: n-Pentacosane	31.3		"	33.3		94.0	50-150			
<b>LCS Dup (0H15010-BSD1)</b> Prepared: 15-Aug-00 Analyzed: 16-Aug-00										
Diesel Range Hydrocarbons	354	50	ug/l	500		70.8	60-140	0.567	50	
Surrogate: n-Pentacosane	37.0		"	33.3		111	50-150			





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Project: Chevron  
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Reported:  
23-Aug-00 07:53

**MTBE by DHS LUFT - Quality Control  
Sequoia Analytical - Walnut Creek**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 0H16003 - EPA 5030B [P/T]**

**Blank (0H16003-BLK1)**

Prepared & Analyzed: 16-Aug-00

Benzene	ND	0.50	ug/l							
Toluene	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
Methyl tert-butyl ether	ND	2.5	"							

Surrogate: *a,a,a-Trifluorotoluene*

30.2 " 30.0 101 70-130

**LCS (0H16003-BS1)**

Prepared & Analyzed: 16-Aug-00

Benzene	17.7	0.50	ug/l	20.0		88.5	70-130			
Toluene	17.8	0.50	"	20.0		89.0	70-130			
Ethylbenzene	18.0	0.50	"	20.0		90.0	70-130			
Xylenes (total)	51.9	0.50	"	60.0		86.5	70-130			

Surrogate: *a,a,a-Trifluorotoluene*

27.7 " 30.0 92.3 70-130

**LCS Dup (0H16003-BSD1)**

Prepared: 16-Aug-00 Analyzed: 17-Aug-00

Benzene	19.4	0.50	ug/l	20.0		97.0	70-130	9.16	20	
Toluene	19.6	0.50	"	20.0		98.0	70-130	9.63	20	
Ethylbenzene	19.8	0.50	"	20.0		99.0	70-130	9.52	20	
Xylenes (total)	57.1	0.50	"	60.0		95.2	70-130	9.54	20	

Surrogate: *a,a,a-Trifluorotoluene*

28.8 " 30.0 96.0 70-130





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6747 Sierra Court Suite J  
Dublin CA, 94568

Project: Chevron  
Project Number: Chevron # 9-0290  
Project Manager: Deanna L. Harding

Reported:  
23-Aug-00 07:53

### Notes and Definitions

D-11 Chromatogram Pattern: Unidentified Hydrocarbons < C16  
D-14 Chromatogram Pattern: Unidentified Hydrocarbons C9-C24  
P-01 Chromatogram Pattern: Gasoline C6-C12  
DET Analyte DETECTED  
ND Analyte NOT DETECTED at or above the reporting limit  
NR Not Reported  
dry Sample results reported on a dry weight basis  
RPD Relative Percent Difference

