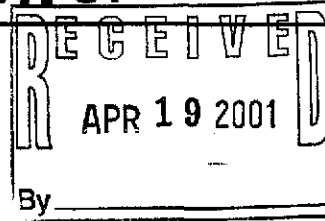




# GETTLER - RYAN INC.

## TRANSMITTAL



April 17, 2001  
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	April 10, 2001	Groundwater Monitoring and Sampling Report First Quarter - Event of February 12, 2001

### 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 **April 30, 2001**, at which time the final report will be distributed to the following:

Mr. Greg Gurs, Gettler-Ryan Inc., 3140 Gold Camp Drive, Suite 170, Rancho Cordova, CA 95670  
Mr. Arnold Cherry, 10 Kelsey Court, Pleasant Hill, CA 94523

Enclosures

trans/9-0290-tb



3164 Gold Camp Drive  
Suite 200  
Rancho Cordova, CA 95670-6021  
U.S.A.  
916/638-2085  
FAX: 916/638-8385

June 1, 2001

JUN 08 2001

Ms. Eva Chu  
Alameda County Health Care Services,  
Department of Environmental health  
1153 Harbor Bay Parkway, Suite 250  
Alameda, CA 94502-6577

Subject: *First Quarter Event of February 12, 2001,  
Groundwater Monitoring and Sampling Report*  
Chevron Service Station No. 9-0290  
1802 Webster Street  
Oakland, California  
Delta Project No. DG90-290

Dear Ms. Chu:

Attached for your review and comment is a letter report entitled *First Quarter Event of February 12, 2001, Groundwater Monitoring and Sampling Report* for the above referenced site. This report was prepared by Gettler-Ryan Inc and details the results of the February 2001 groundwater monitoring and sampling event. In addition, I have attached the Second, Third and Fourth Quarter 2000 reports.

If you have questions or comments regarding this report, please contact me at (916) 638-2765.

Sincerely,

**DELTA ENVIRONMENTAL CONSULTANTS, INC.**

A handwritten signature in black ink that reads "Jim Brownell". The signature is written in a cursive style with a large, looping initial "J".

Jim Brownell  
Portfolio Manager

JRB (1st Qrt 2001 QM-9-0290.doc)  
Enclosures

cc: Tom Bauhs – Chevron Products Company



# GETTLER-RYAN INC.

April 10, 2001  
G-R Job #385280

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

**RE: First Quarter Event of February 12, 2001**  
Groundwater Monitoring & Sampling Report  
Chevron Service Station #9-0290  
1802 Webster Street  
Alameda, California

Dear Mr. Bauhs:

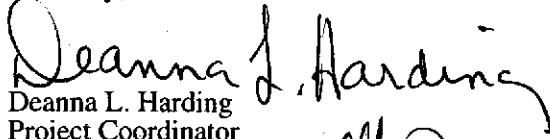
This report documents the most recent groundwater monitoring and sampling event performed by Gettler-Ryan Inc. (G-R) at the referenced site. All field work was conducted in accordance with G-R Standard Operating Procedure - Groundwater Sampling (attached). A joint monitoring event was conducted with BP Oil located at 1716 Webster Street, Alameda, California. The joint monitoring data is not included in this report.

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

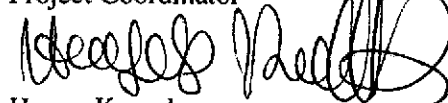
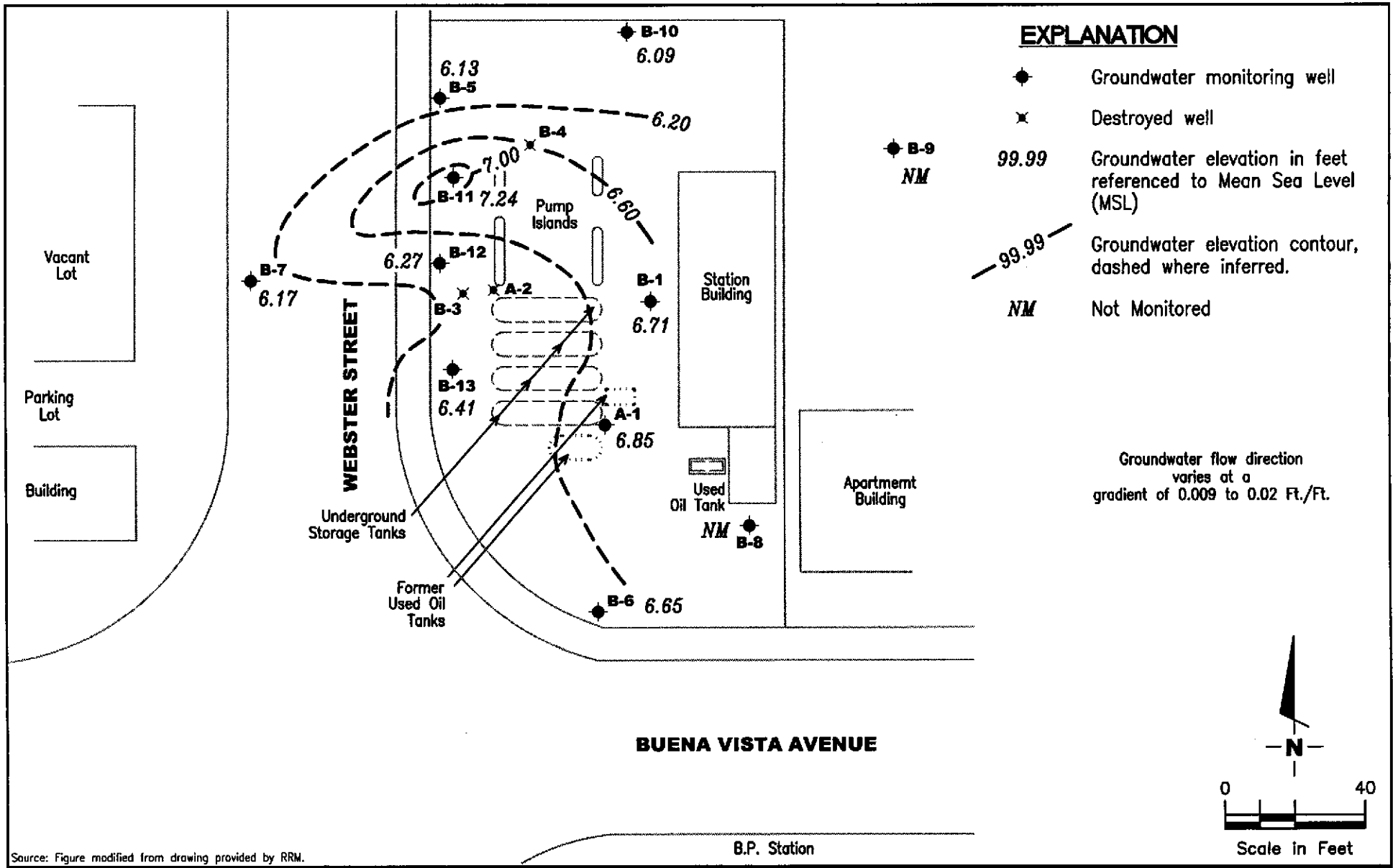
  
Hagop Kevork  
P.E. No. C55734



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



Source: Figure modified from drawing provided by RRM.

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

**POTENTIOMETRIC MAP**  
 Chevron Service Station #9-0290  
 1802 Webster Street  
 Alameda, California

FIGURE  
**1**

PROJECT NUMBER  
**385280**

REVIEWED BY

DATE  
 February 12, 2001

REVISED DATE

FILE NAME: P:\Enviro\Chevron\9-0290\001-9-0290.dwg | Layout Tab: Pot1

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

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DIW (ft.)	SPHT (ft.)	SPH		TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)
					Removed (gallons)									
<b>A-1</b>														
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	--	--	--	--	--	--	--	--	--
06/15/93	11.56	--	--	--	0.130	--	--	--	--	--	--	--	--	--
06/18/93	11.56	--	--	--	0.130	--	--	--	--	--	--	--	--	--
06/22/93	11.56	--	--	--	0.500	--	--	--	--	--	--	--	--	--
06/29/93	11.56	--	--	--	--	--	--	--	--	--	--	--	--	--
07/09/93	11.56	--	--	--	--	--	--	--	--	--	--	--	--	--
07/15/93	11.56	--	--	--	--	--	--	--	--	--	--	--	--	--
07/19/93	11.56	5.54	6.23	0.26	2.000	--	--	--	--	--	--	--	--	--
07/20/93	11.56	--	--	--	--	--	--	--	--	--	--	--	--	--
07/27/93	11.56	--	--	--	--	--	--	--	--	--	--	--	--	--
08/06/93	11.56	--	--	--	--	--	--	--	--	--	--	--	--	--

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

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH								MTBE (ppb)	TOG (ppb)
					Removed (gallons)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)			
A-1 (cont)														
08/10/93	11.56	--	--	--	--	--	--	--	--	--	--	--	--	
08/16/93	11.56	--	--	--	--	--	--	--	--	--	--	--	--	
09/16/93	11.56	--	--	--	--	--	--	--	--	--	--	--	--	
09/24/93	11.56	--	--	--	--	--	--	--	--	--	--	--	--	
10/01/93	11.56	--	--	--	--	--	--	--	--	--	--	--	--	
10/07/93	11.56	--	--	--	--	--	--	--	--	--	--	--	--	
10/13/93	11.56	--	--	--	--	--	--	--	--	--	--	--	--	
10/19/93	11.56	--	--	0.10	--	--	--	--	--	--	--	--	--	
10/20/93	11.56	--	--	--	--	--	--	--	--	--	--	--	--	
10/28/93	11.56	--	--	--	--	--	--	--	--	--	--	--	--	
11/12/93	11.56	--	--	--	--	--	--	--	--	--	--	--	--	
11/19/93	11.56	--	--	--	--	--	--	--	--	--	--	--	--	
11/30/93	11.56	--	--	--	--	--	--	--	--	--	--	--	--	
12/10/93	11.56	--	--	--	--	--	--	--	--	--	--	--	--	
12/16/93	11.56	--	--	--	--	--	--	--	--	--	--	--	--	
12/23/93	11.56	--	--	--	--	--	--	--	--	--	--	--	--	
12/29/93	11.56	--	--	--	--	--	--	--	--	--	--	--	--	
01/03/94	11.56	--	--	--	--	--	--	--	--	--	--	--	--	
01/17/94	11.56	--	--	--	--	--	--	--	--	--	--	--	--	
01/26/94	11.56	--	--	--	--	--	--	--	--	--	--	--	--	
02/07/94	11.56	--	--	--	--	--	--	--	--	--	--	--	--	
02/11/94	11.56	--	--	--	--	--	--	--	--	--	--	--	--	
02/18/94	11.56	--	--	--	--	--	--	--	--	--	--	--	--	
02/25/94	11.56	--	--	--	--	--	--	--	--	--	--	--	--	
03/04/94	11.56	--	--	--	--	--	--	--	--	--	--	--	--	
03/11/94	11.56	--	--	--	--	--	--	--	--	--	--	--	--	
03/16/94	11.56	--	--	--	--	--	--	--	--	--	--	--	--	
03/25/94	11.56	--	--	--	--	--	--	--	--	--	--	--	--	
04/01/94	11.56	--	--	--	--	--	--	--	--	--	--	--	--	
08/18/94	11.56	--	--	--	--	--	--	--	--	--	--	--	--	

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

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH		TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)
					Removed (gallons)									
A-1 (cont)														
11/30/94	11.56	--	--	--	2.000	--	--	--	--	--	--	--	--	--
02/15/95	11.56	--	4.79	--	--	--	--	--	--	--	--	--	--	--
05/01/95	11.56	--	--	--	--	--	--	--	--	--	--	--	--	--
08/04/95	11.56	--	--	--	--	--	--	--	--	--	--	--	--	--
11/29/95	11.56	5.24	6.38	0.08	0.026	--	--	--	--	--	--	--	--	--
02/08/96	11.56	7.03	4.57	0.05	--	--	--	--	--	--	--	--	--	--
05/08/96	11.56	6.29	5.49	0.28	--	--	--	--	--	--	--	--	--	--
08/23/96	11.56	5.31	6.43	0.22	--	--	--	--	--	--	--	--	--	--
12/12/96	11.56	6.37	5.53	0.42	0.053	--	--	--	--	--	--	--	--	--
02/10/97	11.56	7.25	4.45	0.17	0.079	--	--	--	--	--	--	--	--	--
05/01/97	11.56	6.11	5.51	0.08	0.053	--	--	--	--	--	--	--	--	--
08/05/97	11.56	5.68	5.96	0.10	0.066	--	--	--	--	--	--	--	--	--
10/28/97	11.56	5.56	6.05	0.06	0.026	--	--	--	--	--	--	--	--	--
02/04/98	11.56	8.39	3.20	0.04	0.026	--	--	--	--	--	--	--	--	--
06/03/98	11.56	7.02	4.56	0.03	0.021	--	--	--	--	--	--	--	--	--
07/29/98	11.56	7.15	4.44	0.04	0.040	--	--	--	--	--	--	--	--	--
11/30/98	11.56	6.23	5.61	0.35	0.012	--	--	--	--	--	--	--	--	--
02/24/99	11.56	7.63	4.41	0.60	0.066	--	--	--	--	--	--	--	--	--
05/06/99	11.56	6.89	4.67	--	--	9,500 <sup>3</sup>	580	13.4	<2.0	4.68	58	165	--	--
08/30/99	11.56	5.52	6.04	--	--	22,000 <sup>3</sup>	615	12	3.45	3.8	44	95.5	--	--
11/17/99	11.56	5.70	5.89	0.04	0.08	--	--	--	--	--	--	--	--	--
02/21/00	11.56	7.39	4.23	0.08	0.01	--	--	--	--	--	--	--	--	--
05/08/00	11.56	6.55*	5.10	0.11	0.00	NOT SAMPLED DUE TO THE PRESENCE OF SPHT					--	--	--	--
08/08/00	11.56	6.13*	5.53	0.13	0.26	NOT SAMPLED DUE TO THE PRESENCE OF SPHT					--	--	--	--
11/01/00	11.56	5.99*	5.67	0.13	0.26	NOT SAMPLED DUE TO THE PRESENCE OF SPHT					--	--	--	--
02/12/01	11.56	6.85	4.71	0.00	0.00	15,000 <sup>12</sup>	290 <sup>10</sup>	5.1	<2.0	<2.0	17	640	--	--

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

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH		TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)
					Removed (gallons)									
<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		--	--	--	--	--	--	--	--
06/15/93	11.46	--	--	--	0.13		--	--	--	--	--	--	--	--
06/18/93	11.46	--	--	--	0.26		--	--	--	--	--	--	--	--
06/22/93	11.46	--	--	--	0.50		--	--	--	--	--	--	--	--
06/29/93	11.46	--	--	--	--		--	--	--	--	--	--	--	--
07/09/93	11.46	--	--	--	--		--	--	--	--	--	--	--	--
07/15/93	11.46	--	--	--	--		--	--	--	--	--	--	--	--
07/19/93	11.46	5.53	6.79	1.07	--		--	--	--	--	--	--	--	--
07/20/93	11.46	--	--	--	--		--	--	--	--	--	--	--	--
07/27/93	11.46	--	--	--	--		--	--	--	--	--	--	--	--
08/06/93	11.46	--	--	--	--		--	--	--	--	--	--	--	--



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

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH		TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)
					Removed (gallons)									
A-2 (cont)														
08/10/93	11.46	--	--	--	--	--	--	--	--	--	--	--	--	--
08/16/93	11.46	--	--	--	--	--	--	--	--	--	--	--	--	--
09/16/93	11.46	--	--	--	--	--	--	--	--	--	--	--	--	--
09/24/93	11.46	--	--	--	--	--	--	--	--	--	--	--	--	--
10/01/93	11.46	--	--	--	--	--	--	--	--	--	--	--	--	--
10/07/93	11.46	--	--	--	--	--	--	--	--	--	--	--	--	--
10/13/93	11.46	--	--	--	--	--	--	--	--	--	--	--	--	--
10/19/93	11.46	6.23	6.36	1.41	--	--	--	--	--	--	--	--	--	--
10/20/93	11.46	--	--	--	--	--	--	--	--	--	--	--	--	--
10/28/93	11.46	--	--	--	--	--	--	--	--	--	--	--	--	--
11/12/93	11.46	--	--	--	--	--	--	--	--	--	--	--	--	--
11/19/93	11.46	--	--	--	--	--	--	--	--	--	--	--	--	--
11/30/93	11.46	--	--	--	--	--	--	--	--	--	--	--	--	--
12/10/93	11.46	--	--	--	--	--	--	--	--	--	--	--	--	--
12/16/93	11.46	--	--	--	--	--	--	--	--	--	--	--	--	--
12/23/93	11.46	--	--	--	--	--	--	--	--	--	--	--	--	--
12/29/93	11.46	--	--	--	--	--	--	--	--	--	--	--	--	--
01/03/94	11.46	--	--	--	--	--	--	--	--	--	--	--	--	--
01/17/94	11.46	--	--	--	--	--	--	--	--	--	--	--	--	--
01/26/94	11.46	--	--	--	--	--	--	--	--	--	--	--	--	--
02/07/94	11.46	--	--	--	--	--	--	--	--	--	--	--	--	--
02/11/94	11.46	--	--	--	--	--	--	--	--	--	--	--	--	--
02/18/94	11.46	--	--	--	--	--	--	--	--	--	--	--	--	--
02/25/94	11.46	--	--	--	--	--	--	--	--	--	--	--	--	--
03/04/94	11.46	--	--	--	--	--	--	--	--	--	--	--	--	--
03/11/94	11.46	--	--	--	--	--	--	--	--	--	--	--	--	--
03/16/94	11.46	--	--	--	--	--	--	--	--	--	--	--	--	--
03/25/94	11.46	--	--	--	--	--	--	--	--	--	--	--	--	--
DESTROYED														

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

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH		TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)
					Removed (gallons)									
<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	--	--		--	--	--	--	--	--	--	--
11/30/94	12.12	6.11	6.01	--	--		3200 <sup>1</sup>	1500	250	17	7.5	19	--	<5.0 <sup>2</sup>
02/15/95	12.12	6.75	5.37	--	--		1300 <sup>1</sup>	1000	160	<2.0	4.6	2.6	--	--
05/01/95	12.12	7.00	5.12	--	--		2600 <sup>3</sup>	140	20	0.52	2.0	0.67	--	--
08/04/95	12.12	6.62	5.50	--	--		4900 <sup>3</sup>	6700	1400	<20	<20	<20	--	--
11/29/95	12.12	6.27	5.85	--	--		5000 <sup>3</sup>	9200	2200	<25	<25	25	8300	--
02/08/96	12.12	8.12	4.00	--	--		1300 <sup>3</sup>	1500	190	<5.0	<5.0	<5.0	2300	--
05/08/96	12.12	7.32	4.80	--	--		2900 <sup>3</sup>	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 <sup>4</sup>	2500	380	<25	<25	25	8600	--
02/10/97	12.12	7.53	4.59	--	--		2100 <sup>3</sup>	2200	270	11	8.8	13	3400	--
05/01/97	12.12	6.46	5.66	--	--		1300 <sup>3</sup>	1200	70	5.8	<5.0	7.2	2000	--
08/05/97	12.12	5.68	6.44	--	--		1500 <sup>3</sup>	<1000	86	<10	<10	<10	3800	--
10/28/97	12.12	5.69	6.43	--	--		2000 <sup>3</sup>	1400	73	6.5	6.8	9.0	2900	--
02/04/98	12.12	9.11	3.01	--	--		1200 <sup>3</sup>	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 <sup>3</sup>	<50	<0.5	<0.5	<0.5	<0.5	1400	--
07/29/98	12.12	6.37	5.75	--	--		1100 <sup>3</sup>	850	27	<0.5	4.0	2.9	770/1200 <sup>6</sup>	--
11/30/98	12.12	6.44	5.68	--	--		1490	543	<5.0	<5.0	<5.0	<5.0	2220	--
02/24/99	12.12	7.83	4.29	--	--		1400 <sup>3</sup>	390	1.6	0.57	2.8	2.5	2600	--
05/06/99	12.12	7.11	5.01	--	--		340 <sup>3</sup>	239	4.02	<0.5	3.87	1.97	197	--
08/30/99	12.12	5.91	6.21	--	--		1570 <sup>7</sup>	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 <sup>3</sup>	679	10.5	<1.0	3.84	3.21	2330	--

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

WELL ID/ DATE	TOC (ft.)	GWE (mst)	DTW (ft.)	SPHT (ft.)	SPH		TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)
					Removed (gallons)									
<b>B-1 (cont)</b>														
05/08/00	12.12	6.66	5.46	0.00	0.00		870 <sup>11</sup>	1,000 <sup>8</sup>	<5.0	<5.0	<5.0	<5.0	660	--
08/08/00	12.12	6.22	5.90	0.00	0.00		520 <sup>11</sup>	<500	29	<5.0	<5.0	<5.0	1,900	--
11/01/00	12.12	7.14	4.98	0.00	0.00		570 <sup>14</sup>	860 <sup>10</sup>	41	<5.0	8.3	13	2,500	--
<b>02/12/01</b>	<b>12.12</b>	<b>6.71</b>	<b>5.41</b>	<b>0.00</b>	<b>0.00</b>		<b>940<sup>14</sup></b>	<b>790<sup>15</sup></b>	<b>36</b>	<b>&lt;5.0</b>	<b>&lt;5.0</b>	<b>18</b>	<b>1,200</b>	<b>--</b>
<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	--	--		<50	3900	430	32	29	82	--	--

DESTROYED

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

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH		TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)
					Removed (gallons)									
<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	--	--	<50	11,000	1900	63	170	290	--	--	
DESTROYED														

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

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH		TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)
					Removed (gallons)	TPH-D (ppb)							
<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 <sup>1</sup>	<50	<0.5	<0.5	<0.5	<0.5	--	--
02/15/95	10.18	6.03	4.15	--	--	170 <sup>1</sup>	<50	<0.5	<0.5	<0.5	<0.5	--	--
05/01/95	10.18	5.75	4.43	--	--	190 <sup>3</sup>	<50	<0.5	<0.5	<0.5	<0.5	--	--
08/04/95	10.18	5.22	4.96	--	--	250 <sup>3</sup>	<50	<0.5	<0.5	<0.5	<0.5	--	--
11/29/95	10.18	4.97	5.21	--	--	330 <sup>3</sup>	140	1.5	<0.5	1.1	<0.5	800	--
02/08/96	10.18	6.38	3.80	--	--	250 <sup>3</sup>	<200	2.1	<2.0	<2.0	<2.0	1100	--
05/08/96	10.18	5.78	4.40	--	--	350 <sup>3</sup>	<500	<5.0	<5.0	<5.0	<5.0	1400	--

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WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH		TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)
					Removed (gallons)									
<b>B-5 (cont)</b>														
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 <sup>3</sup>	<1000	<10	<10	<10	<10	6700	--
02/10/97	10.18	6.55	3.63	--	--		340 <sup>3</sup>	<500	<5.0	<5.0	<5.0	<5.0	930	--
05/01/97	10.18	5.87	4.31	--	--		290 <sup>3</sup>	<500	<5.0	<5.0	<5.0	<5.0	1900	--
08/05/97	10.18	5.29	4.89	--	--		710 <sup>3</sup>	<1000	<10	<10	<10	<10	6800	--
10/28/97	10.18	5.18	5.00	--	--		880 <sup>3</sup>	<500	<5.0	<5.0	<5.0	<5.0	7000	--
02/04/98	10.18	7.65	2.53	--	--		290 <sup>3</sup>	<50	0.51	<0.5	<0.5	<0.5	2100	--
06/03/98	10.18	6.33	3.85	--	--		630 <sup>3</sup>	220	2.0	15	2.8	20	450	--
07/29/98	10.18	5.63	4.55	--	--		1100 <sup>3</sup>	<50	1.6	<0.5	<0.5	1.6	4600/6200 <sup>6</sup>	--
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 <sup>3</sup>	<50	<0.5	<0.5	0.69	3.1	25	--
05/06/99	10.18	6.16	4.02	--	--		790 <sup>3</sup>	<50	2.27	<0.5	<0.5	<0.5	3090	--
08/30/99	10.18	5.02	5.16	--	--		1890 <sup>7</sup>	<250	4.25	<2.5	<2.5	<2.5	10,400	--
11/17/99	10.18	5.28	4.90	--	--		1180 <sup>3</sup>	101	4.95	<0.5	<0.5	<0.5	8510	--
02/21/00	10.18	6.67	3.51	--	--		240 <sup>3</sup>	<100	<1.0	<1.0	<1.0	<1.0	555	--
05/08/00	10.18	5.88	4.30	0.00	0.00		1,200 <sup>12</sup>	<50	<0.50	<0.50	<0.50	1.4	270	--
08/08/00	10.18	5.55	4.63	0.00	0.00		350 <sup>11</sup>	<1,000	<10	<10	<10	<10	8,600	--
11/01/00	10.18	5.53	4.65	0.00	0.00		470 <sup>14</sup>	<500	<5.0	<5.0	<5.0	11	4,600	--
<b>02/12/01</b>	<b>10.18</b>	<b>6.13</b>	<b>4.05</b>	<b>0.00</b>	<b>0.00</b>		<b>190<sup>12</sup></b>	<b>&lt;50</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>1.3</b>	<b>420</b>	<b>--</b>
<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	--	--		--	--	--	--	--	--	--	--

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WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH		TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)
					Removed (gallons)									
<b>B-6 (cont)</b>														
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 <sup>1</sup>	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
02/15/95	11.97	7.27	4.70	--	--	130 <sup>1</sup>	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
05/01/95	11.97	6.94	5.03	--	--	97 <sup>3</sup>	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
08/04/95	11.97	6.15	5.82	--	--	350 <sup>3</sup>	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
11/29/95	11.97	5.97	6.00	--	--	200 <sup>3</sup>	--	--	--	--	--	--	--	--
02/08/96	11.97	7.27	4.70	--	--	210 <sup>3</sup>	--	--	--	--	--	--	--	--
05/08/96	11.97	6.74	5.23	--	--	250 <sup>3</sup>	--	--	--	--	--	--	--	--
08/23/96	11.97	5.92	6.05	--	--	310 <sup>3</sup>	--	--	--	--	--	--	--	--
12/12/96	11.97	6.65	5.32	--	--	300 <sup>3</sup>	--	--	--	--	--	--	--	--
02/10/97	11.97	7.60	4.37	--	--	130 <sup>3</sup>	--	--	--	--	--	360	--	--
05/01/97	11.97	6.74	5.23	--	--	260 <sup>3</sup>	--	--	--	--	--	2200	--	--
08/05/97	11.97	6.22	5.75	--	--	260 <sup>3</sup>	--	--	--	--	--	1800	--	--
10/28/97	11.97	5.89	6.08	--	--	340 <sup>3</sup>	--	--	--	--	--	1900	--	--
02/04/98	11.97	9.26	2.71	--	--	280 <sup>3</sup>	--	--	--	--	--	1400	--	--
06/03/98	11.97	7.49	4.48	--	--	130 <sup>3</sup>	--	--	--	--	--	1200	--	--

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

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPH		TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)
				SPHT (ft.)	Removed (gallons)								
<b>B-6 (cont)</b>													
07/29/98	11.97	6.69	5.28	--	--	340 <sup>3</sup>	--	--	--	--	--	2700/3000 <sup>6</sup>	--
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 <sup>3</sup>	--	--	--	--	--	1500	--
05/06/99	11.97	6.29	5.68	--	--	71 <sup>3</sup>	--	--	--	--	--	1010	--
08/30/99	11.97	6.06	5.91	--	--	356 <sup>3</sup>	--	--	--	--	--	4520	--
11/17/99	11.97	6.01	5.96	--	--	1960 <sup>3</sup>	--	--	--	--	--	5160	--
02/21/00	11.97	7.51	4.46	--	--	180 <sup>3</sup>	--	--	--	--	--	6920	--
05/08/00	11.97	6.92	5.05	0.00	0.00	420 <sup>11</sup>	--	--	--	--	--	6,800	--
08/08/00	11.97	6.55	5.42	0.00	0.00	180 <sup>11</sup>	--	--	--	--	--	25,000	--
11/01/00	11.97	6.24	5.73	0.00	0.00	77 <sup>14</sup>	--	--	--	--	--	25,000	--
02/12/01	11.97	6.65	5.32	0.00	0.00	62 <sup>11</sup>	--	--	--	--	--	16,000	--
<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 <sup>3</sup>	<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 SEMI-ANNUALLY			--	--	--	--	--
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	--



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

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH		TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)
					Removed (gallons)									
<b>B-7 (cont)</b>														
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	<0.5	<2.5	--
05/08/00	10.54	6.14	4.40	0.00	0.00	--	--	--	--	--	--	--	--	--
08/08/00	10.54	6.05	4.49	0.00	0.00	--	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<2.5	--
11/01/00	10.54	5.85	4.69	0.00	0.00	--	--	--	--	--	--	--	--	--
02/12/01	10.54	6.17	4.37	0.00	0.00	--	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<2.5	--
<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 <sup>1</sup>	<50	<0.5	<0.5	<0.5	<0.5	--	--
02/15/95	11.99	7.27	4.72	--	--	--	120 <sup>1</sup>	<50	<0.5	<0.5	<0.5	<0.5	--	--
05/01/95	11.99	6.99	5.00	--	--	--	51 <sup>3</sup>	<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														
<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	--	--

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

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH		TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)
					Removed (gallons)									
<b>B-9 (cont)</b>														
11/30/94	10.70	6.35	4.35	--	--	60 <sup>1</sup>	<50	<0.5	<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	<0.5	--	--
05/01/95	10.70	6.41	4.29	--	--	<50	<50	<0.5	<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	<0.5	--	--
NOT MONITORED/SAMPLED														
<b>B-10</b>														
11/29/95	11.42	4.91	6.51	--	--	900 <sup>3</sup>	1700	95	<2.5	69	170	22	--	--
02/08/96	11.42	6.87	4.55	--	--	650 <sup>3</sup>	230	31	<0.5	7.2	6.2	10	--	--
05/08/96	11.42	5.87	5.55	--	--	570 <sup>3</sup>	260	61	0.59	37	23	20	--	--
08/23/96	11.42	5.23	6.19	--	--	700 <sup>3</sup>	320	34	<0.5	29	15	8.3	--	--
12/12/96	11.42	5.59	5.83	--	--	990 <sup>3</sup>	1600	94	<2.5	110	27	<12	--	--
02/10/97	11.42	6.84	4.58	--	--	530 <sup>3</sup>	2100	230	5.6	130	83	<12	--	--
05/01/97	11.42	5.85	5.57	--	--	770 <sup>3</sup>	2300	110	<2.5	140	49	<12	--	--
08/05/97	11.42	5.12	6.30	--	--	620 <sup>3</sup>	650	33	1.1	70	16	3.2	--	--
10/28/97	11.42	5.24	6.18	--	--	310 <sup>3</sup>	740	25	1.6	53	14	6.7	--	--
02/04/98	11.42	8.53	2.89	--	--	250 <sup>3</sup>	950	23	4.5	<0.5	1.9	<2.5	--	--
06/03/98	11.42	6.62	4.80	--	--	490 <sup>3</sup>	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--
07/29/98	11.42	5.77	5.65	--	--	390 <sup>3</sup>	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 <sup>3</sup>	160	35	0.55	0.64	0.64	9.2	--	--
05/06/99	11.42	6.31	5.11	--	--	190 <sup>3</sup>	490	7.05	1.02	8.24	2.18	<5.0	--	--
08/30/99	11.42	5.06	6.36	--	--	330 <sup>3</sup>	205	1.79	0.808	5.55	2.16	3.93	--	--
11/17/99	11.42	5.48	5.94	--	--	2180 <sup>3</sup>	108	1.2	<0.5	1.2	<0.5	<2.5	--	--
02/21/00	11.42	7.07	4.35	--	--	360 <sup>3</sup>	587	17.6	2.92	10.1	4.61	5.08	--	--
05/08/00	11.42	5.99	5.43	0.00	0.00	320 <sup>11</sup>	380 <sup>9</sup>	5.4	2.6	3.2	6.3	9.1	--	--
08/08/00	11.42	DRY	--	--	--	--	--	--	--	--	--	--	--	--
11/01/00	11.42	DRY	--	--	--	--	--	--	--	--	--	--	--	--
02/12/01 <sup>16</sup>	NP	11.42	6.09	5.33	0.00	0.00	--	--	--	--	--	--	--	--

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WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH		TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)
					Removed (gallons)									
<b>B-11</b>														
11/29/95	11.98	6.08	5.90	--	--		1400 <sup>3</sup>	2800	38	<10	26	48	21,000	--
02/08/96	11.98	7.54	4.44	--	--		1100 <sup>3</sup>	<5000	<50	<50	<50	<50	38,000	--
05/08/96	11.98	6.98	5.00	--	--		1300 <sup>3</sup>	4100	110	<10	31	25	17,000	--
08/23/96	11.98	6.37	5.61	--	--		820 <sup>3</sup>	3400	160	12	41	13	4000	--
12/12/96	11.98	6.85	5.13	--	--		1300 <sup>3</sup>	3700	120	12	<5.0	30	2200	--
02/10/97	11.98	7.91	4.07	--	--		810 <sup>3</sup>	2300	56	17	<5.0	20	4700	--
05/01/97	11.98	6.95	5.03	--	--		820 <sup>3</sup>	<5000	<50	<50	<50	<50	21,000	--
08/05/97	11.98	6.38	5.60	--	--		900 <sup>3</sup>	3500	42	<10	<10	<10	4100	--
10/28/97	11.98	6.30	5.68	--	--		1300 <sup>3</sup>	3000	39	6.2	8.0	13	2300	--
02/04/98	11.98	9.39	2.59	--	--		930 <sup>3</sup>	1300	3.2	1.4	<0.5	5.0	46,000	--
06/03/98	11.98	7.53	4.45	--	--		740 <sup>3</sup>	860	3.7	1.4	0.84	3.0	34,000	--
07/29/98	11.98	6.80	5.18	--	--		1400 <sup>3</sup>	1300	6.9	2.5	3.8	2.0	50,000/41,000 <sup>6</sup>	--
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 <sup>3</sup>	690	4.7	<0.5	2.7	3.1	67,000	--
05/06/99	11.98	7.43	4.55	--	--		580 <sup>3</sup>	423	4.66	0.662	<0.5	1.38	20,600	--
08/30/99	11.98	6.18	5.80	--	--		1120 <sup>3</sup>	1220	31	8.6	<5.0	14	10,900	--
11/17/99	11.98	6.41	5.57	--	--		1160 <sup>3</sup>	2800	36.6	10.6	8.41	11.6	12,000	--
02/21/00	11.98	7.77	4.21	--	--		730 <sup>3</sup>	1570	12.3	2.71	3.33	12.9	2980	--
05/08/00	11.98	7.04	4.94	0.00	0.00		220 <sup>13</sup>	<500	<5.0	<5.0	<5.0	<5.0	8,500	--
08/08/00	11.98	6.79	5.19	0.00	0.00		660 <sup>13</sup>	2,900 <sup>10</sup>	51	<25	<25	38	10,000	--
11/01/00	11.98	6.72	5.26	0.00	0.00		290 <sup>11</sup>	<5,000	<50	<50	<50	<50	29,000	--
02/12/01	11.98	7.24	4.74	0.00	0.00		660 <sup>13</sup>	1,700 <sup>10</sup>	38	11	11	22	7,800	--

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WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH		TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)
					Removed (gallons)									
<b>B-12</b>														
11/29/95	11.16	5.15	6.01	--	--	1800 <sup>3</sup>	1100	10	<10	<10	<10	<10	37,000	--
02/08/96	11.16	6.56	4.60	--	--	1800 <sup>3</sup>	<20,000	<200	<200	<200	<200	<200	88,000	--
05/08/96	11.16	6.08	5.08	--	--	1800 <sup>3</sup>	<25,000	<250	<250	<250	<250	<250	88,000	--
08/23/96	11.16	5.51	5.65	--	--	1500 <sup>3</sup>	630	16	<5.0	<5.0	<5.0	<5.0	420	--
12/12/96	11.16	6.05	5.11	--	--	1200 <sup>3</sup>	<25,000	<250	<250	<250	<250	<250	54,000	--
02/10/97	11.16	7.05	4.11	--	--	1200 <sup>3</sup>	<20,000	<200	<200	<200	<200	<200	65,000	--
02/10/97 <sup>5</sup>	11.16	7.05	4.11	--	--	--	--	<500	<500	<500	<500	<500	--	--
05/01/97	11.16	6.17	4.99	--	--	1100 <sup>3</sup>	<12,500	<125	<125	<125	<125	<125	64,000	--
08/05/97	11.16	5.55	5.61	--	--	1100 <sup>3</sup>	<10,000	<100	<100	<100	<100	<100	46,000	--
10/28/97	11.16	5.40	5.76	--	--	1100 <sup>3</sup>	1400	39	<5.0	7.2	6.0	6.0	29,000	--
02/04/98	11.16	8.53	2.63	--	--	4800 <sup>3</sup>	920	6.9	1.1	<0.5	2.8	2.8	59,000	--
06/03/98	11.16	6.71	4.45	--	--	2000 <sup>3</sup>	590	9.4	<0.5	0.93	<0.5	<0.5	15,000	--
07/29/98	11.16	5.91	5.25	--	--	2200 <sup>3</sup>	820	5.6	2.0	3.3	1.2	1.2	28,000/33,000 <sup>6</sup>	--
11/30/98	11.16	6.03	5.13	--	--	1060	2110	<10	<10	<10	<10	<10	5330	--
02/24/99	11.16	7.16	4.00	--	--	2680 <sup>3</sup>	410	0.64	<0.5	2.2	2.3	2.3	15,000	--
05/06/99	11.16	6.71	4.45	--	--	3550 <sup>3</sup>	<500	<5.0	<5.0	<5.0	<5.0	<5.0	1370	<1000
08/30/99	11.16	5.32	5.84	--	--	1310 <sup>3</sup>	985	12.5	6.0	9.5	10.8	10.8	6600	--
11/17/99	11.16	5.73	5.43	--	--	1060 <sup>3</sup>	1700	14.4	5.99	5.98	<5.0	<5.0	14,200	--
02/21/00	11.16	6.85	4.31	--	--	430 <sup>3</sup>	595	3.49	<0.5	<0.5	4.26	4.26	5100	--
05/08/00	11.16	6.21	4.95	0.00	0.00	340 <sup>13</sup>	<500	<5.0	<5.0	<5.0	<5.0	<5.0	2,100	--
08/08/00	11.16	6.01	5.15	0.00	0.00	260 <sup>13</sup>	410 <sup>10</sup>	3.9	1.5	1.8	4.8	4.8	2,000	--
11/01/00	11.16	5.85	5.31	0.00	0.00	130 <sup>11</sup>	660 <sup>9</sup>	6.0	1.9	2.8	2.9	2.9	4,600	--
02/12/01	11.16	6.27	4.89	0.00	0.00	280 <sup>11</sup>	550 <sup>10</sup>	14	<5.0	5.0	<5.0	<5.0	2,000	--

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

WELL ID/ DATE	TOC (ft.)	GWE (mst)	DIW (ft.)	SPHT (ft.)	SPH		TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)
					Removed (gallons)									
<b>B-13</b>														
11/29/95	11.17	5.26	5.91	--	--	3400 <sup>3</sup>	1800	19	<5.0	5.5	<5.0	7400	--	
02/08/96	11.17	6.72	4.45	--	--	450 <sup>3</sup>	910	12	1.3	2.0	1.9	77	--	
05/08/96	11.17	6.20	4.97	--	--	560 <sup>3</sup>	140	1.9	<0.5	0.88	2.0	98	--	
08/23/96	11.17	5.54	5.63	--	--	1300 <sup>3</sup>	1300	<10	<10	<10	<10	450	--	
12/12/96	11.17	5.91	5.26	--	--	1300 <sup>3</sup>	2600	29	5.4	9.40	6.3	230	--	
02/10/97	11.17	7.05	4.12	--	--	290 <sup>3</sup>	670	<0.5	6.7	2.6	5.6	28	--	
05/01/97	11.17	6.17	5.00	--	--	480 <sup>3</sup>	920	8.5	4.6	2.1	6.1	530	--	
08/05/97	11.17	5.52	5.65	--	--	1300 <sup>3</sup>	1900	23	<5.0	<5.0	<5.0	860	--	
10/28/97	11.17	5.49	5.68	--	--	2200 <sup>3</sup>	2400	33	14	8.4	10	2100	--	
02/04/98	11.17	8.48	2.69	--	--	260 <sup>3</sup>	110	<0.5	<0.5	<0.5	<0.5	260	--	
06/03/98	11.17	6.79	4.38	--	--	480 <sup>3</sup>	<50	<0.5	<0.5	<0.5	<0.5	400	--	
07/29/98	11.17	6.12	5.05	--	--	830 <sup>3</sup>	350	5.0	<0.5	0.67	1.2	730/980 <sup>6</sup>	--	
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 <sup>3</sup>	69	<0.5	<0.5	<0.5	<0.5	530	--	
05/06/99	11.17	6.72	4.45	--	--	540 <sup>3</sup>	<500	<5.0	<5.0	<5.0	<5.0	454	--	
08/30/99	11.17	5.43	5.74	--	--	927 <sup>3</sup>	748	13.7	<2.5	4.53	10.6	377	--	
11/17/99	11.17	5.58	5.59	--	--	1310 <sup>3</sup>	1240	24.6	8.96	<5.0	20.2	1900	--	
02/21/00	11.17	6.93	4.24	--	--	200 <sup>3</sup>	443	2.11	0.908	1.89	2.89	254	--	
05/08/00	11.17	6.35	4.82	0.00	0.00	240 <sup>11</sup>	190 <sup>10</sup>	<0.50	0.68	1.7	1.1	190	--	
08/08/00	11.17	6.18	4.99	0.00	0.00	100 <sup>13</sup>	150 <sup>10</sup>	0.84	1.2	1.3	2.6	44	--	
11/01/00	11.17	5.96	5.21	0.00	0.00	290 <sup>14</sup>	560 <sup>9</sup>	4.9	1.4	4.7	11	1,100	--	
02/12/01	11.17	6.41	4.76	0.00	0.00	210 <sup>13</sup>	160 <sup>10</sup>	5.4	1.3	2.1	2.5	200	--	

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

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH								MTBE (ppb)	TOG (ppb)
					Removed (gallons)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)			
<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

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH		TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)
					Removed (gallons)									
<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	--
11/01/00	--	--	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--
02/12/01	--	--	--	--	--	--	--	<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

**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  
(ft.) = Feet

GWE = Groundwater Elevation  
(msl) = Mean sea level

DTW = Depth to Water

SPHT = Separate Phase Hydrocarbon Thickness

TPH-D = Total Petroleum Hydrocarbons as Diesel

TPH-G = Total Petroleum Hydrocarbons as Gasoline

B = Benzene

T = Toluene

E = Ethylbenzene

X = Xylenes

MTBE = Methyl tertiary butyl ether

TOG = Total Oil and Grease

(ppb) = Parts per billion

-- = Not Measured/Not Analyzed

NP = No Purge

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

1 Chromatogram pattern indicates a non-diesel mix.

2 Analytical values are in parts per million (ppm).

3 Chromatogram pattern indicates an unidentified hydrocarbon.

4 Chromatogram pattern indicates an unidentified hydrocarbon and weathered diesel.

5 EPA Method 8240.

6 Confirmation run.

7 Hydrocarbon pattern appears to be weathered.

8 Laboratory report indicates gasoline C6-C12 + unidentified hydrocarbons >C10.

9 Laboratory report indicates gasoline C6-C12 + unidentified hydrocarbons C6-C12.

10 Laboratory report indicates gasoline C6-C12.

11 Laboratory report indicates unidentified hydrocarbons C9-C24.

12 Laboratory report indicates unidentified hydrocarbons >C16.

13 Laboratory report indicates unidentified hydrocarbons <C16.

14 Laboratory report indicates unidentified hydrocarbons C9-C40.

15 Laboratory report indicates unidentified hydrocarbons C6-C12.

16 Well obstructed by roots.



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

WELL ID/ DATE	Alkalinity (ppb)	Ferrous Iron (ppb)	Nitrate as Nitrate (ppb)	Sulfate (ppb)	EPA 8010B (ppb)	EPA 8270B (ppb)	Cadmium (ppb)	Chromium (ppb)	Lead (ppb)	Nickel (ppb)	Zinc (ppb)	Motor Oil (ppb)
<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	--	--	--	--	--	--	--	--

**EXPLANATIONS:**

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

(ppb) = Parts per billion

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

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

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

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

**WELL MONITORING/SAMPLING  
FIELD DATA SHEET**

Client/ Facility # Chevron 9-0290 Job#: 385280  
 Address: 1802 WEBSTER ST. Date: 2-12-01  
 City: ALAMOGON, CA. Sampler: FRANK T.

Well ID: A-1 Well Condition: OK  
 Well Diameter: 6" in. Hydrocarbon Thickness: 0 (feet) Amount Bailed (Gallons): 0  
 Total Depth: 11.09 ft. Volume 2" = 0.17 3" = 0.38 4" = 0.66  
 Depth to Water: 4.71 ft. Factor (VF) 6" = 1.50 12" = 5.80

6.38 x VF 1.50 = 9.57 x 3 (case volume) = Estimated Purge Volume: 28.71 (gal.)

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

Starting Time: 2:30 Weather Conditions: RAINING  
 Sampling Time: 2:50 Water Color: VERY SHEDD / BLK. ODOUR: YES / STRONG  
 Purging Flow Rate: 2.0 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>2:35</u>	<u>9.5</u>	<u>6.87</u>	<u>762</u>	<u>61.2</u>	_____	_____	_____
<u>2:40</u>	<u>19.0</u>	<u>6.76</u>	<u>716</u>	<u>62.4</u>	_____	_____	_____
<u>2:45</u>	<u>29.0</u>	<u>6.71</u>	<u>685</u>	<u>61.9</u>	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____

**LABORATORY INFORMATION**

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>A-1</u>	<u>3 - VOAVIAL</u>	<u>Y</u>	<u>HCL</u>	<u>SEQUOIA</u>	<u>TPH(GI)/btex/mtbe</u>
	<u>1 LITER</u>	<u>"</u>	<u>NOVC</u>	<u>"</u>	<u>TPH - DIESEL</u>
	<u>AMBER</u>				

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

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/ Facility # Chevron 9-0290 Job #: 385280  
 Address: 1802 WEBSTER ST. Date: 2-12-01  
 City: ALAMEDA, CA. Sampler: FRANK T.

Well ID B-1 Well Condition: O'K'  
 Well Diameter 2" in. Hydrocarbon Thickness: 0 (feet) Amount Bailed (Gallons) 0  
 Total Depth 15.93 ft. Volume 2" = 0.17 3" = 0.38 4" = 0.66  
 Depth to Water 5.41 ft. Factor (VF) 6" = 1.50 12" = 5.80

10.52 x VF .17 = 1.78 x 3 (case volume) = Estimated Purge Volume: 5.36 (gal.)

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

Starting Time: 12:13 Weather Conditions: RAINING  
 Sampling Time: 12:30 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 °F	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
12:17	1.5	7.04	675	60.1			
12:22	3.0	6.86	610	59.8			
12:26	5.0	6.79	592	59.1			

### LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
B-1	3 - VOAVIAL	Y	HCL	SEQUOIA	TPH(G)/btex/mtbe
	1 LITER	"	NONE	"	TPH - DIESEL
	AMBER				

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

**WELL MONITORING/SAMPLING  
FIELD DATA SHEET**

Client/ Facility# Chevron 9-0290 Job#: 385280  
 Address: 1802 WEBSTER ST. Date: 2-12-01  
 City: ALAMEDA CA. Sampler: FRANK T.

Well ID B-5 Well Condition: OK  
 Well Diameter 2" in. Hydrocarbon Thickness: 0 (feet) Amount Bailed (Gallons)  
 Total Depth 18.12 ft. Volume 2" = 0.17 3" = 0.38 4" = 0.66  
 Depth to Water 4.05 ft. Factor (VF) 6" = 1.50 12" = 5.80

14.07 x VF .17 - 2.39 x 3 (case volume) = Estimated Purge Volume: 7.17 (gal.)

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

Starting Time: 11:11 Weather Conditions: RAINING  
 Sampling Time: 11:38 Water Color: CLOUDY / Lt. Grey Odor: NO  
 Purging Flow Rate: — gpm. Sediment Description: SLIGHTLY SILTY  
 Did well de-water? NO If yes; Time: \_\_\_\_\_ Volume: \_\_\_\_\_ (gal.)

Time	Volume (gal.)	pH	Conductivity $\mu\text{mhos/cm} \times 100$	Temperature °F	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
<u>11:18</u>	<u>2.5</u>	<u>7.26</u>	<u>321</u>	<u>60.1</u>	_____	_____	_____
<u>11:24</u>	<u>5.0</u>	<u>7.12</u>	<u>376</u>	<u>72.2</u>	_____	_____	_____
<u>11:30</u>	<u>7.0</u>	<u>7.04</u>	<u>410</u>	<u>71.8</u>	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____

**LABORATORY INFORMATION**

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
					TPH(G)/btex/mtbe
<u>B-5</u>	<u>3 - VOAIAL</u>	<u>Y</u>	<u>HCL</u>	<u>SEQUOIA</u>	<u>TPH-DIESEL</u>
	<u>1 LITER AMBER</u>	<u>"</u>	<u>NONE</u>	<u>"</u>	

COMMENTS: NEW 2' CAP.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/ Facility# Chevron 9-0290 Job#: 385280  
 Address: 1802 WEBSTER ST. Date: 2-12-01  
 City: ALAMEDA, CA. Sampler: FRANK T.

Well ID B-6 Well Condition: OK  
 Well Diameter 2" in. Hydrocarbon Thickness: 0 (feet) Amount Bailed (Gallons) 0  
 Total Depth 18.30 ft. Volume 2" = 0.17 3" = 0.38 4" = 0.66  
 Depth to Water 5.32 ft. Factor (VF) 6" = 1.50 12" = 5.80

12.98 x VF .17 = 2.20 x 3 (case volume) = Estimated Purge Volume: 6.61 (gal.)

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

Starting Time: 1:42 Weather Conditions: RAINING  
 Sampling Time: 2:05 Water Color: CLOUDY / TURBID Odor: NO  
 Purging Flow Rate: - gpm. Sediment Description: SLIGHTLY SILTY  
 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)
1:47	2.5	7.26	382	61.6			
1:53	5.0	7.12	371	63.0			
1:59	7.0	7.04	365	63.4			

### LABORATORY INFORMATION

SAMPLE ID	(#)-CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
					mtba
B-6	2-VOAVIAL	Y	HCL	SEQUOIA	
	1-LITEN	"	NONE	"	TPH-DIESEL
	AMDCR				

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

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/ Facility # Chevron 9-0290 Job #: 385280  
 Address: 1802 WEBSTER ST. Date: 2-12-01  
 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 4.37 ft. Factor (VF) 6" = 1.50 12" = 5.80

9.10 x VF .17 = 1.54 x 3 (case volume) = Estimated Purge Volume: 4.64 (gal.)

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

Starting Time: 9:25 Weather Conditions: RAINING  
 Sampling Time: 9:43 Water Color: CLOUDY / REN. Odor: NO  
 Purging Flow Rate: — gpm. Sediment Description: SILTY  
 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)
9:28	1.5	7.25	296	55.5			
9:31	3.0	7.14	303	57.8			
9:35	5.0	7.07	320	57.1			

### LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
B-7	3 - VOAVIAL	Y	HCL	SEQUOIA	TPHIG)/btex/mtbe

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

**WELL MONITORING/SAMPLING  
FIELD DATA SHEET**

Client/ Facility # Chevron 9-0290 Job#: 385280  
 Address: 1802 WEBSTER ST. Date: 2-12-01  
 City: ALAMEDA CA. Sampler: FRANK T.

Well ID B-10 Well Condition: "OBSTRUCTION IN WELL"  
 Well Diameter 2" in. Hydrocarbon Thickness: 0 (feet) Amount Bailed (product/water): 0 (Gallons)  
 Total Depth 16.03 ft. Volume Factor (VF) 2" = 0.17 3" = 0.38 4" = 0.66  
 Depth to Water 5.33 ft. 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: RAINING  
 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>VOAVIAL</u>	<u>Y</u>	<u>HCL</u>	<u>SEQUOIA</u>	<u>TPHIG)/btox/mtbe</u>
/	/	/	/	/	/
/	/	/	/	/	/
/	/	/	/	/	/

COMMENTS: THERE WAS AN OBSTRUCTION IN THE WELL CASING BAILER WOULD NOT GO ALL THE WAY DOWN THE CASING, LOOK LIKE ROOTS WERE OBSTRUCTING IT. NEW 2" CAP.



**WELL MONITORING/SAMPLING  
FIELD DATA SHEET**

Client/ Facility # Chevron 9-0290 Job#: 385280  
 Address: 1802 WEBSTER ST. Date: 2-12-01  
 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 2" = 0.17 3" = 0.38 4" = 0.66  
 Depth to Water 4.74 ft. Factor (VF) 6" = 1.50 12" = 5.80

9.53 x VF .17 = 1.62 x 3 (case volume) = Estimated Purge Volume: 4.86 (gal.)

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

Starting Time: 1:10 Weather Conditions: RAINING  
 Sampling Time: 1:31 Water Color: CLEAR | BT. Green Odor: YES  
 Purging Flow Rate: - gpm. Sediment Description: SLIGHTLY SILTY  
 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)
1:14	1.5	7.12	372	58.5			
1:18	3.0	7.01	416	60.5			
1:23	5.0	6.96	435	59.8			

**LABORATORY INFORMATION**

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
B-11	3 - VOAVIAL	Y	HCL	SEQUOIA	TPH(G)/btex/mtbe
	1 - LITER	"	NONE	"	TPH - DIESEL
	AMOR				

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

**WELL MONITORING/SAMPLING  
FIELD DATA SHEET**

Client/ Facility# Chevron 9-0290 Job#: 385280  
 Address: 1802 WEBSTER ST. Date: 2-12-01  
 City: ALAMEDA CA. Sampler: FRANK T.

Well ID B-12 Well Condition: OK  
 Well Diameter 2" in. Hydrocarbon Thickness: 0 (feet) Amount Bailed (Gallons)  
 Total Depth 15.08 ft. Volume 2" = 0.17 3" = 0.38 4" = 0.66  
 Depth to Water 4.89 ft. Factor (VF) 6" = 1.50 12" = 5.80

10.19 x VF .17 = 1.73 x 3 (case volume) = Estimated Purge Volume: 5.19 (gal.)

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

Starting Time: 12:38 Weather Conditions: RAINING  
 Sampling Time: 12:55 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)
12:42	1.5	7.26	382	58.4			
12:46	3.0	7.17	361	60.9			
12:50	5.0	6.96	354	60.1			

**LABORATORY INFORMATION**

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
B-12	3-VOAVIAL	Y	HCL	SEQUOIA	TPH(G)/btex/mtbe
	1-LITER	"	NONE	"	TPH-DIESEL
	AMBU				

COMMENTS: NEW MASTERLOCK

**WELL MONITORING/SAMPLING  
FIELD DATA SHEET**

Client/ Facility # Chevron 9-0290 Job#: 385 280  
 Address: 1802 WEBSTER ST. Date: 2-12-01  
 City: ALAMEDA, CA. Sampler: FRANK T.

Well ID B-13 Well Condition: OK  
 Well Diameter 2" in. Hydrocarbon Thickness: 0 (feet) Amount Bailed (product/water): 0 (Gallons)  
 Total Depth 13.93 ft. Volume 2" = 0.17 3" = 0.38 4" = 0.66  
 Depth to Water 4.76 ft. Factor (VF) 6" = 1.50 12" = 5.80

9.17 x VF .17 = 1.55 x 3 (case volume) = Estimated Purge Volume: 4.67 (gal.)

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

Starting Time: 11:44 Weather Conditions: RAINING  
 Sampling Time: 12:03 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>11:48</u>	<u>1.5</u>	<u>7.14</u>	<u>276</u>	<u>58.8</u>	_____	_____	_____
<u>11:52</u>	<u>3.0</u>	<u>7.06</u>	<u>289</u>	<u>61.9</u>	_____	_____	_____
<u>11:57</u>	<u>5.0</u>	<u>6.97</u>	<u>304</u>	<u>60.4</u>	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____

**LABORATORY INFORMATION**

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>B-13</u>	<u>3 - VOAVIAL</u>	<u>Y</u>	<u>HCL</u>	<u>SEQUOIA</u>	<u>TPH(G)/btex/mtbe</u>
	<u>(LITER AMBER)</u>	<u>"</u>	<u>NONE</u>	<u>"</u>	<u>TPH - DIESEL</u>

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

Chevron Products Co.  
P.O. BOX 6004  
San Ramon, CA 94583  
FAX (925)842-8370

Chevron Facility Number 9-0290  
Facility Address 1802 Webster St. Alameda CA  
Consultant Project Number 385280  
Consultant Name GETTLER-RYAN INC.  
Address 6747 SIERRA COURT, SUITE J, DUBLIN, CA 94568  
Project Contact (Name) DEANNA L. HARDING  
(Phone) 925-551-7555 (Fax Number) 925-551-7899

Chevron Contact (Name) Mr. Tom Baubs  
(Phone) (925) 842-8098  
Laboratory Name SEQUOIA  
Laboratory Service Order W102319  
Laboratory Service Code \_\_\_\_\_  
Samples Collected by (Name) FRANK TERRINONI  
Signature [Signature]

Sample Number	Number of Containers	Matrix: S = Soil W = Water A = Air C = Charcoal	Sample Preservation	Date/Time	State Method: <input checked="" type="checkbox"/> CA <input type="checkbox"/> OR <input type="checkbox"/> WA <input type="checkbox"/> NW Series <input type="checkbox"/> CO <input type="checkbox"/> UT IDAHO													Remarks																																	
					BTEX/MTBE+TPH GAS (8020 + 8015)	BTEX + TPH GAS (8020 + 8015)	TPH Diesel (8015)	Oxygenates (8280)	Purgeable Hydrocarbons (8010)	Purgeable Organics (8280)	Extractable Organics (8270)	Oil and Grease (8520)	Metals (Cd,Pb,Zn,Cu)	BTEX (8020)	BTEX/MTBE/Naph. (8020)	TPH - HCD	TPH-D Extended		MTBE																																
T62B	1	W	HCL	2-12-01	X																																														
A-1	4			14:50	X		X																																												
B-1	4			12:30	X		X																																												
B-5	4			11:38	X		X																																												
B-6	3			14:05			X																																												
B-7	3			9:43	X																																														
B-11	4			13:31	X		X																																												
B-12	4			12:55	X		X																																												
B-13	4	↓	↓	12:03	X		X																																												

Relinquished By (Signature) <u>[Signature]</u>	Organization G-R INC.	Date/Time 2-12-01	Received By (Signature) <u>[Signature]</u>	Organization Sequoia	Date/Time 2/15/01/1421	Iced Y/N Y
Relinquished By (Signature) <u>[Signature]</u>	Organization Sequoia	Date/Time 2/15/01/1633	Received By (Signature)	Organization	Date/Time	Iced Y/N
Relinquished By (Signature)	Organization	Date/Time	Received For Laboratory By (Signature) <u>[Signature]</u>		Date/Time 2/17/01	Iced Y/N N

Turn Around Time (Circle Choice)

- 24 Hrs.
- 48 Hrs.
- 5 Days
- 10 Days
- (As Contracted)



# Sequoia Analytical

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

2 March, 2001

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

RE: Chevron  
Sequoia Report: W102319

Enclosed are the results of analyses for samples received by the laboratory on 13-Feb-01 16:33. 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:  
02-Mar-01 08:04

## ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
TBLB	W102319-01	Water	12-Feb-01 00:00	13-Feb-01 16:33
A-1	W102319-02	Water	12-Feb-01 14:50	13-Feb-01 16:33
B-1	W102319-03	Water	12-Feb-01 12:30	13-Feb-01 16:33
B-5	W102319-04	Water	12-Feb-01 11:38	13-Feb-01 16:33
B-6	W102319-05	Water	12-Feb-01 14:05	13-Feb-01 16:33
B-7	W102319-06	Water	12-Feb-01 09:43	13-Feb-01 16:33
B-11	W102319-07	Water	12-Feb-01 13:31	13-Feb-01 16:33
B-12	W102319-08	Water	12-Feb-01 12:55	13-Feb-01 16:33
B-13	W102319-09	Water	12-Feb-01 12:03	13-Feb-01 16:33

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:  
02-Mar-01 08:04

**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>TBLB (W102319-01) Water</b> Sampled: 12-Feb-01 00:00 Received: 13-Feb-01 16:33									
Purgeable Hydrocarbons	ND	50	ug/l	1	1B20004	17-Feb-01	17-Feb-01	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	"	"	"	"	"	"	CC-3
<i>Surrogate: a,a,a-Trifluorotoluene</i>		100 %	70-130	"	"	"	"	"	
<b>A-1 (W102319-02) Water</b> Sampled: 12-Feb-01 14:50 Received: 13-Feb-01 16:33 <span style="float: right;">P-01</span>									
Purgeable Hydrocarbons	290	200	ug/l	4	1B23001	23-Feb-01	23-Feb-01	EPA 8015M/8020	
Benzene	5.1	2.0	"	"	"	"	"	"	
Toluene	ND	2.0	"	"	"	"	"	"	
Ethylbenzene	ND	2.0	"	"	"	"	"	"	
Xylenes (total)	17	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	640	10	"	"	"	"	"	"	CC-3
<i>Surrogate: a,a,a-Trifluorotoluene</i>		102 %	70-130	"	"	"	"	"	
<b>B-1 (W102319-03) Water</b> Sampled: 12-Feb-01 12:30 Received: 13-Feb-01 16:33 <span style="float: right;">P-03</span>									
Purgeable Hydrocarbons	790	500	ug/l	10	1B21002	21-Feb-01	21-Feb-01	EPA 8015M/8020	
Benzene	36	5.0	"	"	"	"	"	"	CC-3
Toluene	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
Xylenes (total)	18	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	1200	25	"	"	"	"	"	"	CC-3
<i>Surrogate: a,a,a-Trifluorotoluene</i>		93.7 %	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:  
02-Mar-01 08:04

**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-5 (W102319-04) Water</b> Sampled: 12-Feb-01 11:38 Received: 13-Feb-01 16:33									
Purgeable Hydrocarbons	ND	50	ug/l	1	1B20003	20-Feb-01	20-Feb-01	EPA 8015M/8020	
Benzene	ND	0.50	"	"	"	"	"	"	CC-3
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	1.3	0.50	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		104 %	70-130		"	"	"	"	
<b>B-5 (W102319-04RE1) Water</b> Sampled: 12-Feb-01 11:38 Received: 13-Feb-01 16:33									
Methyl tert-butyl ether	420	2.5	ug/l	1	1B20003	20-Feb-01	21-Feb-01	EPA 8015M/8020	CC-3
<i>Surrogate: a,a,a-Trifluorotoluene</i>		103 %	70-130		"	"	"	"	
<b>B-7 (W102319-06) Water</b> Sampled: 12-Feb-01 09:43 Received: 13-Feb-01 16:33									
Purgeable Hydrocarbons	ND	50	ug/l	1	1B21002	21-Feb-01	21-Feb-01	EPA 8015M/8020	
Benzene	ND	0.50	"	"	"	"	"	"	CC-3
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	2.5	"	"	"	"	"	"	CC-3
<i>Surrogate: a,a,a-Trifluorotoluene</i>		99.0 %	70-130		"	"	"	"	
<b>B-11 (W102319-07) Water</b> Sampled: 12-Feb-01 13:31 Received: 13-Feb-01 16:33 <span style="float: right;">P-01</span>									
Purgeable Hydrocarbons	1700	1000	ug/l	20	1B23001	23-Feb-01	23-Feb-01	EPA 8015M/8020	
Benzene	38	10	"	"	"	"	"	"	
Toluene	11	10	"	"	"	"	"	"	
Ethylbenzene	11	10	"	"	"	"	"	"	
Xylenes (total)	22	10	"	"	"	"	"	"	
Methyl tert-butyl ether	7800	50	"	"	"	"	"	"	CC-3
<i>Surrogate: a,a,a-Trifluorotoluene</i>		102 %	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:  
02-Mar-01 08:04

**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-12 (W102319-08) Water</b> Sampled: 12-Feb-01 12:55 Received: 13-Feb-01 16:33									<b>P-01</b>
Purgeable Hydrocarbons	550	500	ug/l	10	1B22001	22-Feb-01	22-Feb-01	EPA 8015M/8020	
Benzene	14	5.0	"	"	"	"	"	"	CC-3
Toluene	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	5.0	5.0	"	"	"	"	"	"	
Xylenes (total)	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	2000	25	"	"	"	"	"	"	CC-3
Surrogate: a,a,a-Trifluorotoluene		103 %		70-130	"	"	"	"	
<b>B-13 (W102319-09) Water</b> Sampled: 12-Feb-01 12:03 Received: 13-Feb-01 16:33									<b>P-01</b>
Purgeable Hydrocarbons	160	100	ug/l	2	1B23001	23-Feb-01	23-Feb-01	EPA 8015M/8020	
Benzene	5.4	1.0	"	"	"	"	"	"	
Toluene	1.3	1.0	"	"	"	"	"	"	
Ethylbenzene	2.1	1.0	"	"	"	"	"	"	
Xylenes (total)	2.5	1.0	"	"	"	"	"	"	
Methyl tert-butyl ether	200	5.0	"	"	"	"	"	"	CC-3
Surrogate: a,a,a-Trifluorotoluene		93.0 %		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:  
02-Mar-01 08:04

**Diesel Hydrocarbons (C9-C24) by DHS LUFT  
Sequoia Analytical - Walnut Creek**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>A-1 (W102319-02) Water</b> Sampled: 12-Feb-01 14:50 Received: 13-Feb-01 16:33									
Diesel Range Hydrocarbons	15000	1000	ug/l	20	1B26009	26-Feb-01	27-Feb-01	EPA 8015M	D-12
Surrogate: n-Pentacosane		2860 %	50-150		"	"	"	"	S-04
<b>B-1 (W102319-03) Water</b> Sampled: 12-Feb-01 12:30 Received: 13-Feb-01 16:33									
Diesel Range Hydrocarbons	940	50	ug/l	1	1B26009	26-Feb-01	27-Feb-01	EPA 8015M	D-02
Surrogate: n-Pentacosane		132 %	50-150		"	"	"	"	
<b>B-5 (W102319-04) Water</b> Sampled: 12-Feb-01 11:38 Received: 13-Feb-01 16:33									
Diesel Range Hydrocarbons	190	50	ug/l	1	1B26009	26-Feb-01	26-Feb-01	EPA 8015M	D-12
Surrogate: n-Pentacosane		277 %	50-150		"	"	"	"	S-04
<b>B-6 (W102319-05) Water</b> Sampled: 12-Feb-01 14:05 Received: 13-Feb-01 16:33									
Diesel Range Hydrocarbons	62	50	ug/l	1	1B26009	26-Feb-01	26-Feb-01	EPA 8015M	D-14
Surrogate: n-Pentacosane		77.2 %	50-150		"	"	"	"	
<b>B-11 (W102319-07) Water</b> Sampled: 12-Feb-01 13:31 Received: 13-Feb-01 16:33									
Diesel Range Hydrocarbons	660	50	ug/l	1	1B26009	26-Feb-01	26-Feb-01	EPA 8015M	D-11
Surrogate: n-Pentacosane		86.2 %	50-150		"	"	"	"	
<b>B-12 (W102319-08) Water</b> Sampled: 12-Feb-01 12:55 Received: 13-Feb-01 16:33									
Diesel Range Hydrocarbons	280	50	ug/l	1	1B26009	26-Feb-01	26-Feb-01	EPA 8015M	D-14
Surrogate: n-Pentacosane		81.1 %	50-150		"	"	"	"	
<b>B-13 (W102319-09) Water</b> Sampled: 12-Feb-01 12:03 Received: 13-Feb-01 16:33									
Diesel Range Hydrocarbons	210	50	ug/l	1	1B26009	26-Feb-01	26-Feb-01	EPA 8015M	D-11
Surrogate: n-Pentacosane		88.0 %	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:  
02-Mar-01 08:04

**MTBE by DHS LUFT**

**Sequoia Analytical - Walnut Creek**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>B-6 (W102319-05) Water</b> Sampled: 12-Feb-01 14:05 Received: 13-Feb-01 16:33									
Methyl tert-butyl ether	16000	500	ug/l	200	1B21001	21-Feb-01	21-Feb-01	DHS LUFT	CC-3
Surrogate: a,a,a-Trifluorotoluene		103 %		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:  
02-Mar-01 08:04

**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 1B20003 - EPA 5030B [P/T]**

Blank (1B20003-BLK1)				Prepared & Analyzed: 20-Feb-01						
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: a, a, a-Trifluorotoluene	30.6		"	30.0		102	70-130			

LCS (1B20003-BS1)				Prepared & Analyzed: 20-Feb-01						
Benzene	21.2	0.50	ug/l	20.0		106	70-130			
Toluene	18.5	0.50	"	20.0		92.5	70-130			
Ethylbenzene	19.6	0.50	"	20.0		98.0	70-130			
Xylenes (total)	65.7	0.50	"	60.0		109	70-130			
Surrogate: a, a, a-Trifluorotoluene	30.0		"	30.0		100	70-130			

Matrix Spike (1B20003-MS1)				Source: W102351-01RE1 Prepared & Analyzed: 20-Feb-01						
Benzene	16.3	0.50	ug/l	20.0	ND	81.5	70-130			
Toluene	17.9	0.50	"	20.0	ND	89.5	70-130			
Ethylbenzene	18.7	0.50	"	20.0	ND	93.5	70-130			
Xylenes (total)	50.0	0.50	"	60.0	ND	83.3	70-130			
Surrogate: a, a, a-Trifluorotoluene	27.8		"	30.0		92.7	70-130			

Matrix Spike Dup (1B20003-MSD1)				Source: W102351-01RE1 Prepared & Analyzed: 20-Feb-01						
Benzene	19.0	0.50	ug/l	20.0	ND	95.0	70-130	15.3	20	
Toluene	18.7	0.50	"	20.0	ND	93.5	70-130	4.37	20	
Ethylbenzene	19.3	0.50	"	20.0	ND	96.5	70-130	3.16	20	
Xylenes (total)	51.9	0.50	"	60.0	ND	86.5	70-130	3.73	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:  
02-Mar-01 08:04

**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 1B20004 - EPA 5030B [P/T]**

**Blank (1B20004-BLK1)**

Prepared & Analyzed: 17-Feb-01

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	"							
<i>Surrogate: a, a, a-Trifluorotoluene</i>	30.8		"	30.0		103	70-130			

**LCS (1B20004-BS1)**

Prepared & Analyzed: 17-Feb-01

Benzene	18.4	0.50	ug/l	20.0		92.0	70-130			
Toluene	19.1	0.50	"	20.0		95.5	70-130			
Ethylbenzene	19.8	0.50	"	20.0		99.0	70-130			
Xylenes (total)	59.0	0.50	"	60.0		98.3	70-130			
<i>Surrogate: a, a, a-Trifluorotoluene</i>	32.5		"	30.0		108	70-130			

**Matrix Spike (1B20004-MS1)**

Source: W102330-05

Prepared & Analyzed: 17-Feb-01

Benzene	17.5	0.50	ug/l	20.0	ND	87.5	70-130			
Toluene	18.3	0.50	"	20.0	ND	91.5	70-130			
Ethylbenzene	19.2	0.50	"	20.0	ND	96.0	70-130			
Xylenes (total)	57.8	0.50	"	60.0	ND	96.3	70-130			
<i>Surrogate: a, a, a-Trifluorotoluene</i>	30.4		"	30.0		101	70-130			

**Matrix Spike Dup (1B20004-MSD1)**

Source: W102330-05

Prepared & Analyzed: 17-Feb-01

Benzene	15.4	0.50	ug/l	20.0	ND	77.0	70-130	12.8	20	
Toluene	20.4	0.50	"	20.0	ND	102	70-130	10.9	20	
Ethylbenzene	17.1	0.50	"	20.0	ND	85.5	70-130	11.6	20	
Xylenes (total)	51.1	0.50	"	60.0	ND	85.2	70-130	12.3	20	
<i>Surrogate: a, a, a-Trifluorotoluene</i>	29.3		"	30.0		97.7	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:  
02-Mar-01 08:04

## 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 1B21002 - EPA 5030B [P/T]

#### Blank (1B21002-BLK1)

Prepared & Analyzed: 21-Feb-01

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	"							
<i>Surrogate: a,a,a-Trifluorotoluene</i>	33.1		"	30.0		110	70-130			

#### LCS (1B21002-BS1)

Prepared & Analyzed: 21-Feb-01

Benzene	16.7	0.50	ug/l	20.0		83.5	70-130			
Toluene	18.3	0.50	"	20.0		91.5	70-130			
Ethylbenzene	19.5	0.50	"	20.0		97.5	70-130			
Xylenes (total)	55.3	0.50	"	60.0		92.2	70-130			
<i>Surrogate: a,a,a-Trifluorotoluene</i>	29.8		"	30.0		99.3	70-130			

#### LCS Dup (1B21002-BSD1)

Prepared & Analyzed: 21-Feb-01

Benzene	16.4	0.50	ug/l	20.0		82.0	70-130	1.81	20	
Toluene	19.8	0.50	"	20.0		99.0	70-130	7.87	20	
Ethylbenzene	21.2	0.50	"	20.0		106	70-130	8.35	20	
Xylenes (total)	60.9	0.50	"	60.0		102	70-130	9.64	20	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	29.7		"	30.0		99.0	70-130			

### Batch 1B22001 - EPA 5030B [P/T]

#### Blank (1B22001-BLK1)

Prepared & Analyzed: 22-Feb-01

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	"							
<i>Surrogate: a,a,a-Trifluorotoluene</i>	30.9		"	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:  
02-Mar-01 08:04

**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 1B22001 - EPA 5030B [P/T]**

**LCS (1B22001-BS1)**

Prepared & Analyzed: 22-Feb-01

Benzene	17.8	0.50	ug/l	20.0		89.0	70-130			
Toluene	18.2	0.50	"	20.0		91.0	70-130			
Ethylbenzene	18.9	0.50	"	20.0		94.5	70-130			
Xylenes (total)	56.4	0.50	"	60.0		94.0	70-130			
Surrogate: <i>a,a,a</i> -Trifluorotoluene	30.2		"	30.0		101	70-130			

**Matrix Spike (1B22001-MS1)**

Source: W102363-05

Prepared & Analyzed: 22-Feb-01

Benzene	17.0	0.50	ug/l	20.0	ND	85.0	70-130			
Toluene	17.7	0.50	"	20.0	ND	88.5	70-130			
Ethylbenzene	18.3	0.50	"	20.0	ND	91.5	70-130			
Xylenes (total)	55.4	0.50	"	60.0	ND	92.3	70-130			
Surrogate: <i>a,a,a</i> -Trifluorotoluene	29.7		"	30.0		99.0	70-130			

**Matrix Spike Dup (1B22001-MSD1)**

Source: W102363-05

Prepared & Analyzed: 22-Feb-01

Benzene	17.0	0.50	ug/l	20.0	ND	85.0	70-130	0	20	
Toluene	17.8	0.50	"	20.0	ND	89.0	70-130	0.563	20	
Ethylbenzene	18.6	0.50	"	20.0	ND	93.0	70-130	1.63	20	
Xylenes (total)	55.5	0.50	"	60.0	ND	92.5	70-130	0.180	20	
Surrogate: <i>a,a,a</i> -Trifluorotoluene	30.0		"	30.0		100	70-130			

**Batch 1B23001 - EPA 5030B [P/T]**

**Blank (1B23001-BLK1)**

Prepared & Analyzed: 23-Feb-01

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			





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:  
02-Mar-01 08:04

**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 1B23001 - EPA 5030B [P/T]**

**LCS (1B23001-BS1)**

Prepared & Analyzed: 23-Feb-01

Benzene	18.8	0.50	ug/l	20.0		94.0	70-130			
Toluene	19.5	0.50	"	20.0		97.5	70-130			
Ethylbenzene	20.3	0.50	"	20.0		101	70-130			
Xylenes (total)	61.4	0.50	"	60.0		102	70-130			
Surrogate: <i>a,a,a</i> -Trifluorotoluene	29.0		"	30.0		96.7	70-130			

**Matrix Spike (1B23001-MS1)**

Source: W102399-02

Prepared & Analyzed: 23-Feb-01

Benzene	17.4	0.50	ug/l	20.0	ND	87.0	70-130			
Toluene	18.4	0.50	"	20.0	ND	92.0	70-130			
Ethylbenzene	19.5	0.50	"	20.0	ND	97.5	70-130			
Xylenes (total)	59.6	0.50	"	60.0	ND	99.3	70-130			
Surrogate: <i>a,a,a</i> -Trifluorotoluene	29.3		"	30.0		97.7	70-130			

**Matrix Spike Dup (1B23001-MSD1)**

Source: W102399-02

Prepared & Analyzed: 23-Feb-01

Benzene	18.3	0.50	ug/l	20.0	ND	91.5	70-130	5.04	20	
Toluene	19.3	0.50	"	20.0	ND	96.5	70-130	4.77	20	
Ethylbenzene	20.4	0.50	"	20.0	ND	102	70-130	4.51	20	
Xylenes (total)	62.6	0.50	"	60.0	ND	104	70-130	4.91	20	
Surrogate: <i>a,a,a</i> -Trifluorotoluene	31.1		"	30.0		104	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:**  
02-Mar-01 08:04

**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 1B26009 - EPA 3510B</b>										
<b>Blank (1B26009-BLK1)</b> Prepared & Analyzed: 26-Feb-01										
Diesel Range Hydrocarbons	ND	50	ug/l							
Surrogate: n-Pentacosane	31.0		"	33.3		93.1	50-150			
<b>LCS (1B26009-BS1)</b> Prepared & Analyzed: 26-Feb-01										
Diesel Range Hydrocarbons	555	50	ug/l	500		111	60-140			
Surrogate: n-Pentacosane	36.0		"	33.3		108	50-150			
<b>LCS Dup (1B26009-BSD1)</b> Prepared & Analyzed: 26-Feb-01										
Diesel Range Hydrocarbons	550	50	ug/l	500		110	60-140	0.905	50	
Surrogate: n-Pentacosane	33.3		"	33.3		100	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: 02-Mar-01 08:04
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**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 1B21001 - EPA 5030B [P/T]**

Blank (1B21001-BLK1)				Prepared & Analyzed: 21-Feb-01						
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	"							
<i>Surrogate: a, a, a-Trifluorotoluene</i>	30.0		"	30.0		100	70-130			

LCS (1B21001-BS1)				Prepared & Analyzed: 21-Feb-01						
Benzene	19.3	0.50	ug/l	20.0		96.5	70-130			
Toluene	20.1	0.50	"	20.0		101	70-130			
Ethylbenzene	20.8	0.50	"	20.0		104	70-130			
Xylenes (total)	63.4	0.50	"	60.0		106	70-130			
<i>Surrogate: a, a, a-Trifluorotoluene</i>	29.5		"	30.0		98.3	70-130			

Matrix Spike (1B21001-MS1)				Source: W102363-02		Prepared & Analyzed: 21-Feb-01				
Benzene	17.3	0.50	ug/l	20.0	ND	86.5	70-130			
Toluene	18.0	0.50	"	20.0	ND	90.0	70-130			
Ethylbenzene	18.9	0.50	"	20.0	ND	94.5	70-130			
Xylenes (total)	60.0	0.50	"	60.0	ND	100	70-130			
<i>Surrogate: a, a, a-Trifluorotoluene</i>	27.8		"	30.0		92.7	70-130			

Matrix Spike Dup (1B21001-MSD1)				Source: W102363-02		Prepared & Analyzed: 21-Feb-01				
Benzene	17.8	0.50	ug/l	20.0	ND	89.0	70-130	2.85	20	
Toluene	18.5	0.50	"	20.0	ND	92.5	70-130	2.74	20	
Ethylbenzene	19.6	0.50	"	20.0	ND	98.0	70-130	3.64	20	
Xylenes (total)	60.5	0.50	"	60.0	ND	101	70-130	0.830	20	
<i>Surrogate: a, a, a-Trifluorotoluene</i>	28.5		"	30.0		95.0	70-130			

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.





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:  
02-Mar-01 08:04

### Notes and Definitions

- CC-3 Continuing Calibration indicates that the quantitative result for this analyte includes a greater than 15% degree of uncertainty. The value as reported is within method acceptance.
- D-02 Chromatogram Pattern: Unidentified Hydrocarbons C9-C40.
- D-11 Chromatogram Pattern: Unidentified Hydrocarbons < C16
- D-12 Chromatogram Pattern: Unidentified Hydrocarbons > C16
- D-14 Chromatogram Pattern: Unidentified Hydrocarbons C9-C24
- P-01 Chromatogram Pattern: Gasoline C6-C12
- P-03 Chromatogram Pattern: Unidentified Hydrocarbons C6-C12
- S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
- 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

