



# GETTLER-RYAN INC.

## TRANSMITTAL

January 29, 2002

G-R #386504

FEB 19 2002

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: **Former Chevron Service Station  
#9-4816  
301 14<sup>th</sup> Street  
Oakland, California**

WE HAVE ENCLOSED THE FOLLOWING:

COPIES	DATED	DESCRIPTION
1	January 23, 2002	Groundwater Monitoring and Sampling Report Second Semi-Annual - Event of December 14, 2001

COMMENTS:

Please provide any comments/changes and propose any groundwater monitoring modifications for the next event prior to **February 13, 2002**, at which time the final report will be distributed to the following:

- cc: Ms. Eva Chu, Alameda County Health Care Services, Dept. of Environmental Health, 1131 Harbor Bay Parkway, Suite 250, Alameda, CA 94502-6577  
Mr. Greg Gurss, Gettler-Ryan Inc., 3140 Gold Camp Drive, Suite 170, Rancho Cordova, CA 95670  
Ms. Anne Payne, Chevron Products Company, Law Department, Room V-1156, P.O. Box 6004, San Ramon, CA 94583-0904 (w/o attachments)  
Mr. Joseph Hennon, c/o Hennon Construction, 1099 23<sup>rd</sup> Street #18, San Francisco, CA 94107

Enclosures

trans/9-4816-TB



# GETTLER-RYAN INC.

January 23, 2002  
G-R Job #386504

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

**RE: Second Semi-Annual Event of December 14, 2001**  
Groundwater Monitoring & Sampling Report  
Former Chevron Service Station #9-4816  
301 14<sup>th</sup> Street  
Oakland, California

Dear Mr. Bauhs:

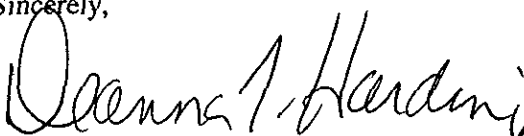
This report documents the most recent groundwater monitoring and sampling event performed by Gettler-Ryan Inc. (G-R) at the referenced site. All field work was conducted in accordance with G-R Standard Operating Procedure - Groundwater Sampling (attached).

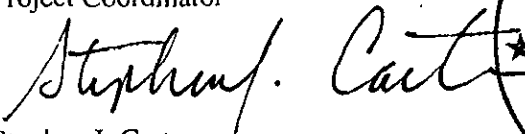
Static groundwater levels were measured and the wells were checked for the presence of separate-phase hydrocarbons. Static water level data, groundwater elevations, and separate-phase hydrocarbon thickness (if any) are presented in the attached Table 1. A Potentiometric Map is included as Figure 1.

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

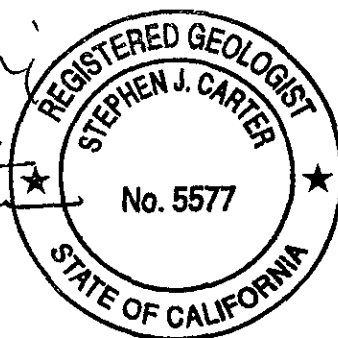
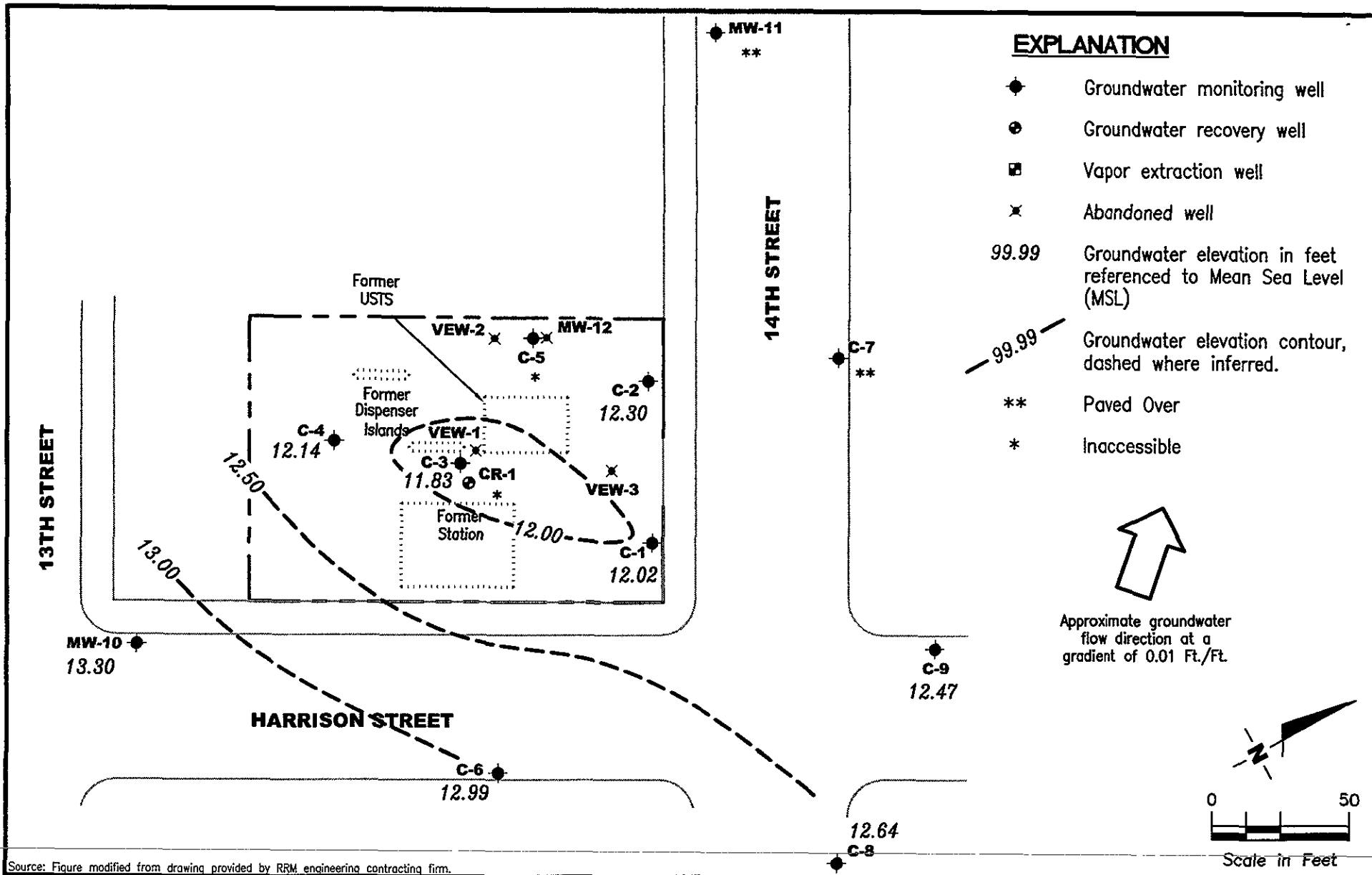


Figure 1: Potentiometric Map  
Table 1: Groundwater Monitoring Data and Analytical Results  
Attachments: Standard Operating Procedure - Groundwater Sampling  
Field Data Sheets  
Chain of Custody Document and Laboratory Analytical Reports



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

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

**POTENTIOMETRIC MAP**  
 Former Chevron Service Station #9-4816  
 301 14th Street  
 Oakland, California

FIGURE

1

PROJECT NUMBER  
 386504

REVIEWED BY

DATE

December 14, 2001

REVISED DATE

FILE NAME: P:\ENVIRO\CHEVRON\9-4816\Q01-9-4816.DWG | Layout Tab: Pot4

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Service Station #9-4816  
301 14th Street  
Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH						
					Removed (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
<b>C-1</b>											
06/13/90	30.82	8.85	21.97	--	--	26,000	2,800	5,100	400	2,600	--
10/30/90	30.82	9.10	21.72	--	--	67,000	6,700	8,700	900	5,000	--
01/04/91	30.82	8.98	21.84	--	--	--	--	--	--	--	--
01/07/91	30.82	8.87	21.95	--	--	100,000	12,000	20,000	1,600	11,000	--
01/11/91	30.82	8.83	21.99	--	--	--	--	--	--	--	--
02/15/91	30.82	8.70	22.12	--	--	--	--	--	--	--	--
05/02/91	30.82	8.76	22.06	--	--	59,000	5,600	7,700	700	5,200	--
05/30/91	30.82	8.78	22.04	--	--	--	--	--	--	--	--
06/13/91	30.82	9.02	21.80	--	--	--	--	--	--	--	--
07/12/91	30.82	8.81	22.01	--	--	--	--	--	--	--	--
08/07/91	30.82	--	--	--	--	7,900	2,000	150	240	330	--
09/24/91	30.82	--	--	--	--	--	--	--	--	--	--
10/18/91	30.87	8.45	22.42	--	--	--	--	--	--	--	--
11/05/91	30.87	8.51	22.36	--	--	8,700	1,500	1,200	150	580	--
01/06/92	30.87	8.53	22.34	--	--	--	--	--	--	--	--
01/16/92	30.87	8.61	22.28	0.03	--	--	--	--	--	--	--
01/22/92	30.87	8.51	22.43	0.09	--	--	--	--	--	--	--
01/28/92	30.87	8.61	22.28	0.02	--	--	--	--	--	--	--
02/04/92	30.87	8.64	22.24	0.01	--	--	--	--	--	--	--
02/14/92	30.87	8.71	22.16	Sheen	--	--	--	--	--	--	--
02/21/92	30.87	8.80	22.07	Sheen	--	--	--	--	--	--	--
02/25/92	30.87	8.92	21.95	Sheen	--	--	--	--	--	--	--
03/06/92	30.87	9.02	21.85	--	--	--	--	--	--	--	--
03/19/92	30.87	10.33	20.54	--	--	--	--	--	--	--	--
05/06/92	30.87	9.48	21.39	Sheen	--	--	--	--	--	--	--
08/31/92	30.87	9.36	21.51	Sheen	--	--	--	--	--	--	--
12/01/92	30.87	8.99	21.88	Sheen	--	--	--	--	--	--	--
03/15/93	32.81	11.91	20.90	--	--	130,000	8,900	13,000	1,800	11,000	--
06/08/93	32.81	13.35	19.46	--	--	23,000	2,300	2,900	540	3,300	--
09/07/93	32.81	12.98	19.83	--	--	14,000	1,300	2,100	340	2,800	--

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Service Station #9-4816  
301 14th Street  
Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH		B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
					Removed (gallons)	TPH-G (ppb)					
<b>C-1 (cont)</b>											
03/09/94	32.81	12.71	20.10	--	--	37,000	2,700	3,400	930	5,900	--
06/17/94	32.81	12.79	20.02	--	--	24,000	2,200	2,300	520	3,800	--
09/13/94	32.81	11.78	21.03	--	--	15,000	710	550	330	2,000	--
09/26/94	32.81	11.84	20.97	--	--	--	--	--	--	--	--
11/29/94	32.81	12.39	20.42	--	--	50,000	3,100	5,400	1,300	7,000	--
03/29/95	32.81	13.91	18.90	--	--	43,000	2,100	3,300	880	5,200	--
06/19/95	32.81	14.45	18.36	--	--	26,000	2,000	2,000	800	2,600	--
09/28/95	32.81	13.79	19.02	--	--	16,000	470	460	330	1,300	--
12/27/95	32.81	12.53	20.28	--	--	8,600	28	39	91	1,400	<125
03/26/96	32.81	11.56	21.25	--	--	960	<2.5	<2.5	<2.5	84	<12
06/20/96	32.81	12.53	20.28	--	--	370	1.1	<1.0	<1.0	8.2	<5.0
09/30/96	32.81	13.37	19.44	--	--	340	1.7	<0.5	1.2	1.7	<2.5
12/12/96	32.81	11.56	21.25	--	--	330	1.2	<0.5	0.68	2.6	<2.5
03/31/97	32.81	14.08	18.73	--	--	220	<0.5	<0.5	0.51	2.4	<2.5
06/27/97	32.81	13.60	19.21	--	--	140	<0.5	<0.5	<0.5	0.55	<2.5
12/18/97	32.81	13.44	19.37	--	--	220	<0.5	<0.5	<0.5	1.9	<2.5
02/16/98	32.81	15.13	17.68	--	--	320	0.98	<0.5	<0.5	1.9	<2.5
06/22/98	32.81	14.99	17.82	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
12/23/98	32.81	13.71	19.10	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5
01/28/99 <sup>2</sup>	32.81	13.71	19.10	--	--	71.6	0.941	<0.5	<0.5	<0.5	<2.0
06/23/99	32.81	13.51	19.30	--	--	80.4	<0.5	<0.5	<0.5	<0.5	<5.0
12/23/99	32.81	12.51	20.30	--	--	151	<1.25	<1.25	<1.25	<1.25	<6.25
06/28/00	32.81	13.26	19.55	0.00	--	79 <sup>3</sup>	<0.50	<0.50	<0.50	<0.50	<2.5
12/27/00	32.81	12.08	20.73	0.00	--	76.4 <sup>5</sup>	<0.500	<0.500	<0.500	<0.500	<2.50
06/15/01	32.81	12.49	20.32	0.00	--	<50	<0.50	0.80	<0.50	1.3	<2.5
12/14/01	32.81	12.02	20.79	0.00	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Service Station #9-4816  
301 14th Street  
Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH						
					Removed (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
<b>C-2</b>											
06/13/90	30.91	8.83	22.08	--	--	15,000	1,100	1,900	260	1,700	--
10/30/90	30.91	9.10	21.81	--	--	13,000	2,800	1,900	240	1,000	--
01/04/91	30.91	9.01	21.90	--	--	--	--	--	--	--	--
01/07/91	30.91	8.88	22.03	--	--	15,000	3,400	2,500	340	1,400	--
01/11/91	30.91	8.78	22.13	--	--	--	--	--	--	--	--
02/15/91	30.91	8.55	22.36	--	--	--	--	--	--	--	--
05/02/91	30.91	8.47	22.44	--	--	19,000	4,500	3,200	660	2,900	--
05/02/91	30.91	8.47	22.44	--	--	21,000	3,200	2,200	410	2,000	--
05/30/91	30.91	8.47	22.44	--	--	--	--	--	--	--	--
06/13/91	30.91	--	--	--	--	--	--	--	--	--	--
07/12/91	30.91	8.35	22.57	0.01	--	--	--	--	--	--	--
08/07/91	30.91	--	--	0.11	--	--	--	--	--	--	--
09/24/91	30.91	--	--	--	--	--	--	--	--	--	--
10/18/91	30.72	8.44	22.34	0.07	--	--	--	--	--	--	--
11/05/91	30.72	8.49	22.26	0.04	--	--	--	--	--	--	--
01/06/92	30.72	8.47	22.25	--	--	--	--	--	--	--	--
01/16/92	30.72	8.57	22.16	0.01	--	--	--	--	--	--	--
01/22/92	30.72	8.49	22.25	0.02	--	--	--	--	--	--	--
01/28/92	30.72	8.55	22.18	0.01	--	--	--	--	--	--	--
02/04/92	30.72	8.58	22.15	0.01	--	--	--	--	--	--	--
02/14/92	30.72	8.63	22.09	--	--	--	--	--	--	--	--
02/21/92	30.72	8.66	22.06	Sheen	--	--	--	--	--	--	--
02/25/92	30.72	8.76	21.96	--	--	--	--	--	--	--	--
03/06/92	30.72	8.92	21.80	--	--	--	--	--	--	--	--
03/19/92	30.72	9.60	21.12	--	--	--	--	--	--	--	--
05/06/92	30.72	9.42	21.30	Sheen	--	--	--	--	--	--	--
08/31/92	30.72	9.29	21.43	Sheen	--	--	--	--	--	--	--
12/01/92	30.72	8.98	21.74	Sheen	--	--	--	--	--	--	--
03/15/93	33.27	12.35	20.92	--	--	66,000	2,200	3,900	1,300	7,300	--
06/08/93	33.27	13.22	20.05	--	--	23,000	1,400	2,300	680	4,000	--

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Service Station #9-4816  
301 14th Street  
Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH Removed (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
<b>C-2 (cont)</b>											
09/07/93	33.27	12.90	20.37	--	--	22,000	1,900	2,000	620	4,000	--
03/09/94	33.27	12.55	20.72	--	--	25,000	4,100	1,100	670	3,100	--
06/17/94	33.27	12.66	20.61	--	--	43,000	13,000	2,600	1,300	5,200	--
09/13/94	33.27	11.58	21.69	--	--	36,000	7,700	2,500	1,100	4,800	--
09/26/94	33.27	11.65	21.62	--	--	--	--	--	--	--	--
11/29/94	33.27	12.15	21.12	--	--	39,000	6,600	3,400	880	5,000	--
03/29/95	33.27	13.69	19.58	--	--	77,000	12,000	4,100	2,000	13,000	--
06/19/95	33.27	14.29	18.98	--	--	51,000	7,900	560	1,200	4,100	--
09/28/95	33.27	13.73	19.54	--	--	51,000	8,700	990	1,500	3,700	--
12/27/95	33.27	12.47	20.80	--	--	5,100	130	64	50	380	<50
03/26/96	33.27	12.12	21.15	--	--	380	2.6	1.5	<1.0	22	<5.0
06/20/96	33.27	12.87	20.40	--	--	220	2.4	<0.5	<0.5	2.9	<2.5
09/30/96	33.27	13.40	19.87	--	--	75	0.51	<0.5	<0.5	0.91	<2.5
12/12/96	33.27	12.05	21.22	--	--	120	1.3	<0.5	0.56	1.7	<2.5
03/31/97	33.27	13.90	19.37	--	--	140	<0.5	<0.5	<0.5	0.62	<2.5
06/27/97	33.27	12.80	20.47	--	--	170	1.1	<0.5	<0.5	<0.5	<2.5
12/18/97	33.27	13.29	19.98	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
02/16/98	33.27	14.85	18.42	--	--	120	<0.5	<0.5	<0.5	<0.5	<2.5
06/22/98	33.27	15.12	18.15	--	--	71	<0.5	<0.5	<0.5	<0.5	8.9
12/23/98	33.27	13.66	19.61	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5
01/28/99 <sup>2</sup>	33.27	13.78	19.49	--	--	97.7	<0.5	<0.5	<0.5	<0.5	<2.0
06/23/99	33.27	13.70	19.57	--	--	109	<0.5	<0.5	<0.5	<0.5	<5.0
12/23/99	33.27	12.78	20.49	--	--	93	<0.5	<0.5	<0.5	<0.5	<2.5
06/28/00	33.27	13.50	19.77	0.00	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
12/27/00	33.27	12.32	20.95	0.00	--	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50
06/15/01	33.27	12.75	20.52	0.00	--	<50	<0.50	1.1	<0.50	0.87	<2.5
<b>12/14/01</b>	<b>33.27</b>	<b>12.30</b>	<b>20.97</b>	<b>0.00</b>	<b>--</b>	<b>&lt;50</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;1.5</b>	<b>&lt;2.5</b>

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Service Station #9-4816  
301 14th Street  
Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH						MTBE (ppb)
					Removed (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	
<b>C-3</b>											
06/13/90	--	--	24.75	3.00	--	--	--	--	--	--	--
10/30/90	--	--	23.81	2.50	--	--	--	--	--	--	--
01/04/91	--	--	24.15	2.70	--	--	--	--	--	--	--
01/07/91	--	--	24.13	2.50	--	--	--	--	--	--	--
01/11/91	--	--	24.35	2.66	--	--	--	--	--	--	--
02/15/91	--	--	24.70	2.93	--	--	--	--	--	--	--
05/02/91	--	--	--	--	--	--	--	--	--	--	--
05/30/91	--	--	24.08	2.49	--	--	--	--	--	--	--
06/13/91	--	--	--	--	--	--	--	--	--	--	--
07/12/91	--	--	--	--	--	--	--	--	--	--	--
08/07/91	--	--	--	2.64	--	--	--	--	--	--	--
09/24/91	--	--	--	--	--	--	--	--	--	--	--
10/18/91	30.79	6.35	24.44	2.50	--	--	--	--	--	--	--
11/05/91	30.79	--	24.31	2.46	--	--	--	--	--	--	--
01/06/92	30.79	--	24.25	2.39	--	--	--	--	--	--	--
01/16/92	30.79	--	24.02	2.39	--	--	--	--	--	--	--
01/22/92	30.79	--	24.10	2.28	--	--	--	--	--	--	--
01/28/92	30.79	--	24.06	2.29	--	--	--	--	--	--	--
02/04/92	30.79	--	24.04	2.31	--	--	--	--	--	--	--
02/14/92	30.79	--	23.93	2.31	--	--	--	--	--	--	--
02/21/92	30.79	--	24.61	3.05	--	--	--	--	--	--	--
02/25/92	30.79	--	23.69	2.23	--	--	--	--	--	--	--
03/06/92	30.79	--	23.69	2.23	--	--	--	--	--	--	--
03/19/92	30.79	--	22.98	2.26	--	--	--	--	--	--	--
05/06/92	30.79	--	22.74	1.93	--	--	--	--	--	--	--
08/31/92	30.79	--	21.77	1.93	--	--	--	--	--	--	--
12/01/92	30.79	--	22.63	1.32	--	--	--	--	--	--	--
03/15/93	33.28	12.52	20.76	--	--	530,000	69,000	58,000	6,000	32,000	--
06/08/93	33.28	13.31	19.97	--	--	310,000	56,000	58,000	7,000	41,000	--
09/07/93	33.28	13.00	20.28	--	--	160,000	48,000	43,000	3,300	24,000	--



**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Service Station #9-4816  
301 14th Street  
Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH							
					Removed (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	
C-3 (cont)												
09/26/94	33.28	11.66	22.25	0.79	--	--	--	--	--	--	--	--
11/29/94	33.28	11.93	22.10	0.94	0.264	--	--	--	--	--	--	--
12/20/94	33.28	12.48	21.20	0.50	0.300	--	--	--	--	--	--	--
12/28/94	33.28	12.57	20.95	0.30	0.300	--	--	--	--	--	--	--
01/03/95	33.28	12.63	20.65	--	--	--	--	--	--	--	--	--
01/10/95	33.28	12.91	20.50	0.16	0.100	--	--	--	--	--	--	--
01/17/95	33.28	13.14	20.20	0.07	--	--	--	--	--	--	--	--
01/23/95	33.28	13.28	20.00	--	--	--	--	--	--	--	--	--
02/07/95	33.28	13.55	19.73	--	--	--	--	--	--	--	--	--
02/22/95	33.28	13.78	19.50	--	--	--	--	--	--	--	--	--
03/07/95	33.28	13.78	19.50	--	--	--	--	--	--	--	--	--
03/29/95	33.28	12.63	22.46	2.26	0.132	--	--	--	--	--	--	--
03/30/95	33.28	12.24	21.05	0.01	--	--	--	--	--	--	--	--
04/10/95	33.28	13.95	19.33	--	--	--	--	--	--	--	--	--
05/07/95	33.28	14.39	18.91	0.02	0.026	--	--	--	--	--	--	--
05/09/95	33.28	14.34	18.94	--	--	--	--	--	--	--	--	--
05/12/95	33.28	14.45	18.83	--	--	--	--	--	--	--	--	--
05/18/95	33.28	14.70	18.68	0.12	0.158	--	--	--	--	--	--	--
05/26/95	33.28	13.43	19.85	--	--	--	--	--	--	--	--	--
06/08/95	33.28	13.46	19.82	--	--	--	--	--	--	--	--	--
06/16/95	33.28	14.46	18.86	0.05	0.026	--	--	--	--	--	--	--
06/19/95	33.28	14.48	18.82	0.02	0.010	--	--	--	--	--	--	--
06/29/95	33.28	14.50	18.78	--	--	--	--	--	--	--	--	--
07/06/95	33.28	14.71	18.57	--	--	--	--	--	--	--	--	--
07/12/95	33.28	14.69	18.59	--	--	--	--	--	--	--	--	--
07/22/95	33.28	14.19	19.09	--	--	--	--	--	--	--	--	--
07/27/95	33.28	14.14	19.14	--	--	--	--	--	--	--	--	--
08/02/95	33.28	13.37	19.92	0.01	0.010	--	--	--	--	--	--	--
09/28/95	33.28	13.81	19.47	--	--	280,000	27,000	36,000	3,400	30,000	--	--
12/27/95	33.28	12.65	20.66	0.04	--	--	--	--	--	--	--	--

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Service Station #9-4816  
301 14th Street  
Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH Removed (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
<b>C-3 (cont)</b>											
03/26/96	33.28	INACCESSIBLE		--	--	--	--	--	--	--	--
04/01/96	33.28	12.42	20.86	--	--	15,000	28	150	35	1,500	<125
06/20/96	33.28	12.42	18.48	--	--	9,500	<25	<25	<25	620	<125
09/30/96	33.28	13.48	19.80	--	--	3,600	14	39	17	330	27
12/12/96	33.28	12.83	20.45	--	--	15,000	100	160	71	1,500	<250
03/31/97	33.28	13.73	19.55	--	--	6,700	18	38	29	570	<50
06/27/97	33.28	13.15	20.13	--	--	8,500	320	41	44	800	<125
12/18/97	33.28	12.93	20.35	--	--	76,000	12,000	<25	400	940	<125
02/16/98	33.28	14.63	18.65	--	--	9,600	1,000	<20	47	350	<100
06/22/98	33.28	14.83	18.45	--	--	8,400	990	<50	<50	320	<250
12/23/98	33.28	13.30	19.98	--	--	<50,000	14,000	1100	530	2,400	<2,500
12/23/98 <sup>1</sup>	33.28	13.30	19.98	--	--	--	--	--	--	--	<40
01/28/99 <sup>2</sup>	33.28	13.33	19.95	--	--	14,700	2,080	216	208	1,580	<10
06/23/99	33.28	13.42	19.86	--	--	41,500	13,400	570	820	3,380	<1,250
12/23/99	33.28	12.54	20.74	--	--	51,000	14,800	2,150	1,240	4,520	<1,250
06/28/00	NP	33.28	13.09	20.19	0.00	2,100 <sup>3</sup>	1,600	26	140	470	76
12/27/00	33.28	11.91	21.37	0.00	--	34,900	13,000	1,100	940	3,270	<125
06/15/01	33.28	12.29	20.99	0.00	--	16,000 <sup>3</sup>	4,900	<50	400	590	<250
12/14/01	33.28	11.83	21.45	0.00	--	20,000	6,600	36	500	670	79
<b>C-4</b>											
06/13/90	31.42	8.69	22.73	--	--	440	47	47	3.0	61	--
10/30/90	31.42	8.94	22.48	--	--	210	72	13	1.0	11	--
01/04/91	31.42	8.78	22.64	--	--	--	--	--	--	--	--
01/07/91	31.42	8.68	22.74	--	--	890	100	130	15	88	--
01/11/91	31.42	8.61	22.81	--	--	--	--	--	--	--	--
02/15/91	31.42	8.87	22.55	--	--	--	--	--	--	--	--
05/02/91	31.42	8.88	22.54	--	--	330	140	11	2.0	9.0	--
05/30/91	31.42	8.87	22.55	--	--	--	--	--	--	--	--

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Service Station #9-4816  
301 14th Street  
Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DIW (ft.)	SPHT (ft.)	SPH Removed (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
C-4 (cont)											
06/13/91	31.42	--	--	--	--	--	--	--	--	--	--
07/12/91	31.42	--	--	--	--	--	--	--	--	--	--
08/07/91	31.42	--	--	--	--	1,500	400	79	13	61	--
09/24/91	31.42	--	--	--	--	--	--	--	--	--	--
10/18/91	31.20	8.23	22.97	--	--	--	--	--	--	--	--
11/05/91	31.20	8.30	22.90	--	--	310	130	11	2.6	6.8	--
01/06/92	31.20	8.36	22.84	--	--	--	--	--	--	--	--
01/16/92	31.20	8.45	22.75	--	--	--	--	--	--	--	--
01/22/92	31.20	8.39	22.81	--	--	--	--	--	--	--	--
01/28/92	31.20	8.43	22.77	--	--	--	--	--	--	--	--
02/04/92	31.20	8.48	22.72	--	--	300	100	26	2.4	14	--
02/14/92	31.20	8.62	22.58	--	--	--	--	--	--	--	--
02/21/92	31.20	8.60	22.60	--	--	--	--	--	--	--	--
02/25/92	31.20	8.70	22.50	--	--	--	--	--	--	--	--
03/06/92	31.20	--	--	--	--	--	--	--	--	--	--
03/19/92	31.20	9.45	21.75	--	--	--	--	--	--	--	--
05/06/92	31.20	9.38	21.82	--	--	200	26	<0.5	1.2	1.4	--
08/31/92	31.20	9.32	21.88	--	--	190	20	1.2	1.7	1.7	--
12/01/92	31.20	8.97	22.23	--	--	72	5.0	0.5	<0.5	1.3	--
03/15/93	33.85	12.47	33.85	--	--	84	2.1	0.9	<0.5	<1.5	--
06/08/93	33.85	13.30	20.55	--	--	74	1.0	<0.5	<0.5	0.5	--
09/07/93	33.85	13.00	20.85	--	--	<50	1.0	<0.5	<0.5	<0.5	--
03/09/94	33.85	12.69	21.16	--	--	<50	5.0	4.0	<0.5	4.0	--
06/17/94	33.85	12.77	21.08	--	--	120	4.3	18	2.8	43	--
09/13/94	33.85	11.95	21.90	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/26/94	33.85	11.94	21.91	--	--	--	--	--	--	--	--
11/29/94	33.85	12.25	21.60	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/29/95	33.85	13.47	20.38	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/19/95	33.85	14.47	19.38	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/28/95	33.85	13.88	19.97	--	--	<50	<0.5	<0.5	<0.5	<0.5	--

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Service Station #9-4816  
301 14th Street  
Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH						
					Removed (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
<b>C-4 (cont)</b>											
12/27/95	33.85	12.71	21.14	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/26/96	33.85	13.27	20.58	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/20/96	33.85	14.25	19.60	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/30/96	33.85	13.65	20.20	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
12/12/96	33.85	13.34	20.51	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/31/97	33.85	14.15	19.70	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/27/97	33.85	13.89	19.96	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
12/18/97	33.85	13.51	20.34	--	--	SAMPLED ANNUALLY		--	--	--	--
06/22/98	33.85	15.47	18.38	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
12/23/98	33.85	13.88	19.97	--	--	--	--	--	--	--	--
06/23/99	33.85	13.55	20.30	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
12/23/99	33.85	12.56	21.29	--	--	--	--	--	--	--	--
06/28/00	33.85	13.38	20.47	0.00	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
12/27/00	33.85	12.00	21.85	0.00	--	--	--	--	--	--	--
06/15/01	33.85	12.60	21.25	0.00	--	<50	<0.50	0.89	<0.50	0.83	<2.5
12/14/01	33.85	12.14	21.71	0.00	--	SAMPLED ANNUALLY		--	--	--	--
<b>C-5</b>											
10/30/90	31.25	9.14	22.11	--	--	20,000	2,500	3,300	320	2,200	--
01/04/91	31.25	--	22.55	0.31	--	--	--	--	--	--	--
01/07/91	31.25	9.26	22.36	0.04	--	--	--	--	--	--	--
01/11/91	31.25	--	23.08	0.73	--	--	--	--	--	--	--
02/15/91	31.25	--	24.70	2.74	--	--	--	--	--	--	--
05/02/91	31.25	--	22.02	2.00	--	--	--	--	--	--	--
05/30/91	31.25	--	24.78	2.70	--	--	--	--	--	--	--
06/13/91	31.25	--	24.70	2.77	--	--	--	--	--	--	--
07/12/91	31.25	--	25.10	2.72	--	--	--	--	--	--	--
08/07/91	31.25	--	--	2.69	--	--	--	--	--	--	--
09/24/91	31.25	--	--	--	--	--	--	--	--	--	--

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Service Station #9-4816  
301 14th Street  
Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH						
					Removed (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
C-5 (cont)											
10/18/91	30.16	--	24.71	2.51	--	--	--	--	--	--	--
11/05/91	30.16	--	24.47	2.29	--	--	--	--	--	--	--
01/06/92	30.16	--	24.68	--	--	--	--	--	--	--	--
01/16/92	30.16	--	24.03	1.82	--	--	--	--	--	--	--
01/22/92	30.16	--	24.01	1.67	--	--	--	--	--	--	--
01/28/92	30.16	--	23.79	1.46	--	--	--	--	--	--	--
02/04/92	30.16	--	23.81	1.54	--	--	--	--	--	--	--
02/14/92	30.16	--	22.79	1.59	--	--	--	--	--	--	--
02/21/92	30.16	--	24.40	2.22	--	--	--	--	--	--	--
02/25/92	30.16	--	23.25	1.03	--	--	--	--	--	--	--
03/06/92	30.16	--	23.20	1.19	--	--	--	--	--	--	--
03/19/92	30.16	--	--	--	--	--	--	--	--	--	--
05/06/92	30.16	--	--	--	--	--	--	--	--	--	--
08/31/92	30.16	--	21.86	Sheen	--	--	--	--	--	--	--
12/01/92	30.16	--	22.24	Sheen	--	--	--	--	--	--	--
03/15/93	33.85	20.96	20.96	--	--	--	--	--	--	--	--
06/08/93	33.85	13.20	20.65	--	--	90,000	26,000	11,000	2,000	16,000	--
09/07/93	33.85	--	--	--	--	--	--	--	--	--	--
03/09/94	33.85	12.53	21.32	--	--	170,000	35,000	11,000	2,400	13,000	--
06/17/94	33.85	12.74	21.11	--	--	100,000	57,000	13,000	1,800	5,100	--
09/13/94	33.85	11.37	22.48	--	--	120,000	1,500	5,400	1,700	19,000	--
09/26/94	33.85	11.41	22.44	--	--	--	--	--	--	--	--
11/29/94	33.85	12.00	21.85	--	--	31,000	29	220	290	3,600	--
03/29/95	33.85	13.47	20.38	--	--	9,300	730	420	68	1,000	--
06/19/95	33.85	14.35	19.50	--	--	17,000	900	510	88	1,500	--
09/28/95	33.85	13.72	20.13	--	--	29,000	3,700	1,600	180	2,300	--
12/27/95	33.85	12.48	21.37	--	--	1,200	20	37	13	160	62
03/26/96	33.85	13.16	20.69	--	--	650	1.2	0.51	<0.5	19	<2.5
06/20/96	33.85	12.50	21.35	--	--	<50	<0.5	<0.5	<0.5	1.9	<2.5
09/30/96	33.85	13.35	20.50	--	--	<50	<0.5	<0.5	<0.5	1.0	<2.5

**Table 1**  
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Former Chevron Service Station #9-4816  
301 14th Street  
Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH						MTBE (ppb)
					Removed (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	
<b>C-5 (cont)</b>											
12/12/96	33.85	11.83	22.02	--	--	90	3.0	<0.5	<0.5	1.7	<2.5
03/31/97	33.85	13.85	20.00	--	--	290	2.3	<1.0	<1.0	3.7	<5.0
06/27/97	33.85	13.04	20.81	--	--	490	6.9	<1.0	<1.0	5.7	<5.0
12/18/97	33.85	13.51	20.34	--	--	SAMPLED ANNUALLY		--	--	--	--
06/22/98	33.85	15.12	18.73	--	--	680	88	10	<5.0	7.6	25
12/23/98	33.85	13.65	20.20	--	--	--	--	--	--	--	--
06/23/99	33.85	13.70	20.15	--	--	324	1.28	<0.5	<0.5	<0.5	<5.0
12/23/99	33.85	12.75	21.10	--	--	--	--	--	--	--	--
06/28/00	33.85	13.51	20.34	0.00	--	<100 <sup>3</sup>	210	<1.0	1.6	2.8	19
12/27/00	33.85	12.35	21.50	0.00	--	--	--	--	--	--	--
06/15/01	33.85	12.76	21.09	0.00	--	120 <sup>3</sup>	24	1.3	<0.50	1.3	<2.5
12/14/01	33.85	<b>INACCESSIBLE - CAR PARKED OVER WELL</b>				--	--	--	--	--	--
<b>C-6</b>											
05/02/91	30.41	8.57	21.84	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
05/30/91	30.41	--	--	--	--	--	--	--	--	--	--
07/12/91	30.41	7.55	22.86	--	--	--	--	--	--	--	--
08/07/91	30.41	--	--	--	--	--	--	--	--	--	--
09/24/91	30.41	8.53	21.88	--	--	--	--	--	--	--	--
10/18/91	30.41	8.23	22.18	--	--	--	--	--	--	--	--
11/05/91	30.41	8.27	22.14	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/06/92	30.41	8.32	22.09	--	--	--	--	--	--	--	--
01/16/92	30.41	8.37	22.04	--	--	--	--	--	--	--	--
01/22/92	30.41	8.37	22.04	--	--	--	--	--	--	--	--
01/28/92	30.41	8.42	21.99	--	--	--	--	--	--	--	--
02/04/92	30.41	8.47	21.94	--	--	<50	<0.5	<0.5	<0.5	0.6	--
02/14/92	30.41	8.54	21.87	--	--	--	--	--	--	--	--
02/21/92	30.41	8.58	21.83	--	--	--	--	--	--	--	--
02/25/92	30.41	8.70	21.71	--	--	--	--	--	--	--	--

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Former Chevron Service Station #9-4816  
301 14th Street  
Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH Removed (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
<b>C-6 (cont)</b>											
03/06/92	30.41	8.88	21.53	--	--	--	--	--	--	--	--
03/19/92	30.41	9.49	20.92	--	--	--	--	--	--	--	--
05/06/92	30.41	9.39	21.02	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
08/31/92	30.41	9.27	21.14	--	--	80	<0.5	<0.5	<0.5	2.4	--
01/21/93	30.41	9.50	20.91	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/15/93	33.09	13.09	20.00	--	--	<50	<0.5	<0.5	<0.5	<1.5	--
06/08/93	33.09	13.37	19.72	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/07/93	33.09	13.34	19.75	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/09/94	33.09	12.79	20.30	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/17/94	33.09	12.88	20.21	--	--	<50	1.1	<0.5	<0.5	0.6	--
09/13/94	33.09	12.20	20.89	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/26/94	33.09	12.15	20.94	--	--	--	--	--	--	--	--
11/29/94	33.09	12.61	20.48	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/29/95	33.09	13.97	19.12	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/19/95	33.09	14.55	18.54	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/28/95	33.09	14.03	19.06	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/27/95	33.09	12.89	20.20	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/26/96	33.09	13.32	19.77	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/20/96	33.09	14.19	18.90	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/30/96	33.09	13.62	19.47	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
12/12/96	33.09	13.37	19.72	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/31/97	33.09	14.21	18.88	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/27/97	33.09	13.83	19.26	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
12/18/97	33.09	13.62	19.47	--	--	SAMPLED ANNUALLY		--	--	--	--
06/22/98	33.09	15.41	17.68	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
12/23/98	33.09	13.99	19.10	--	--	--	--	--	--	--	--
06/23/99	33.09	14.51	18.58	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
12/23/99	33.09	13.48	19.61	--	--	--	--	--	--	--	--
06/28/00 <sup>4</sup>	33.09	14.27	18.82	0.00	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Service Station #9-4816  
301 14th Street  
Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (mst)	DTW (ft.)	SPHT (ft.)	SPH Removed (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
<b>C-6 (cont)</b>											
12/27/00	33.09	13.06	20.03	0.00	--	--	--	--	--	--	--
06/15/01	33.09	13.40	19.69	0.00	--	<50	<0.50	0.79	<0.50	1.0	<2.5
12/14/01	<b>33.09</b>	<b>12.99</b>	<b>20.10</b>	<b>0.00</b>	--	<b>SAMPLED ANNUALLY</b>		--	--	--	--
<b>C-7</b>											
05/02/91	30.56	8.75	21.81	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
05/30/91	30.56	--	--	--	--	--	--	--	--	--	--
07/12/91	30.56	8.41	22.15	--	--	--	--	--	--	--	--
08/07/91	30.56	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/24/91	30.56	9.03	21.53	--	--	--	--	--	--	--	--
10/18/91	30.56	8.49	22.07	--	--	--	--	--	--	--	--
11/05/91	30.56	8.55	22.01	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/06/92	30.56	8.53	22.03	--	--	--	--	--	--	--	--
01/16/92	30.56	8.58	21.98	--	--	--	--	--	--	--	--
01/22/92	30.56	8.51	22.05	--	--	--	--	--	--	--	--
01/28/92	30.56	8.55	22.01	--	--	--	--	--	--	--	--
02/14/92	30.56	8.62	21.94	--	--	--	--	--	--	--	--
02/21/92	30.56	8.62	21.94	--	--	--	--	--	--	--	--
02/25/92	30.56	8.74	21.82	--	--	--	--	--	--	--	--
03/06/92	30.56	8.91	21.65	--	--	--	--	--	--	--	--
03/19/92	30.56	9.64	20.92	--	--	--	--	--	--	--	--
05/06/92	30.56	9.35	21.21	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
08/31/92	30.56	9.17	21.39	--	--	<50	<0.5	0.7	<0.5	0.9	--
12/01/92	30.56	8.77	21.79	--	--	<50	<0.5	<0.5	<0.5	0.9	--
03/15/93	33.06	12.12	20.94	--	--	<50	<0.5	<0.5	<0.5	<1.5	--
06/08/93	33.06	13.07	19.99	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/07/93	33.06	13.06	20.00	--	--	2800	63	36	41	40	--
03/09/94	33.06	12.36	20.70	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/17/94	33.06	12.47	20.59	--	--	<50	<0.5	<0.5	<0.5	0.6	--



**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Service Station #9-4816  
301 14th Street  
Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DIW (ft.)	SPHT (ft.)	SPH Removed (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
<b>C-7 (cont)</b>											
09/13/94	33.06	11.83	21.23	--	--	65	<0.5	<0.5	<0.5	<0.5	--
09/26/94	33.06	11.84	21.22	--	--	--	--	--	--	--	--
11/29/94	33.06	13.28	19.78	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/29/95	33.06	13.67	19.39	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/19/95	33.06	14.13	18.93	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/28/95	33.06	13.54	19.52	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/27/95	33.06	10.38	22.68	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/26/96	33.06	12.81	20.25	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/20/96	33.06	13.71	19.35	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/30/96	33.06	13.20	19.86	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
12/12/96	33.06	12.75	20.31	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/31/97	33.06	13.62	19.44	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/27/97	33.06	12.34	20.72	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
12/18/97	33.06	13.06	20.00	--	--	SAMPLED ANNUALLY		--	--	--	--
06/22/98	33.06	14.83	18.23	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
12/23/98	33.06	13.39	19.67	--	--	--	--	--	--	--	--
06/23/99	33.06	13.81	19.25	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
12/23/99	33.06	12.92	20.14	--	--	--	--	--	--	--	--
06/28/00	33.06	13.63	19.43	0.00	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
12/27/00	33.06	12.47	20.59	0.00	--	--	--	--	--	--	--
06/15/01	33.06	UNABLE TO LOCATE - PAVED OVER			--	--	--	--	--	--	--
12/14/01	33.06	UNABLE TO LOCATE - PAVED OVER			--	--	--	--	--	--	--
<b>C-8</b>											
05/02/91	30.12	8.88	21.24	--	--	5,000	<0.5	17	140	470	--
05/30/91	30.12	--	--	--	--	--	--	--	--	--	--
07/12/91	30.12	--	--	--	--	--	--	--	--	--	--
08/07/91	30.12	--	--	--	--	6,300	<0.5	28	100	120	--
09/24/91	30.12	8.79	21.33	--	--	--	--	--	--	--	--

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**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Service Station #9-4816  
301 14th Street  
Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH		B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
					Removed (gallons)	TPH-G (ppb)					
<b>C-8 (cont)</b>											
10/18/91	30.12	8.36	21.76	--	--	--	--	--	--	--	--
11/05/91	30.12	8.42	21.70	--	--	5,100	<0.5	20	92	74	--
01/06/92	30.12	8.39	21.73	--	--	--	--	--	--	--	--
01/16/92	30.12	8.49	21.63	--	--	--	--	--	--	--	--
01/22/92	30.12	8.42	21.70	--	--	--	--	--	--	--	--
01/28/92	30.12	8.47	21.65	--	--	--	--	--	--	--	--
02/04/92	30.12	8.50	21.62	--	--	5,300	<2.5	2.5	97	61	--
02/14/92	30.12	8.59	21.53	--	--	--	--	--	--	--	--
02/21/92	30.12	8.61	21.51	--	--	--	--	--	--	--	--
02/25/92	30.12	8.73	21.39	--	--	--	--	--	--	--	--
03/06/92	30.12	8.91	21.21	--	--	--	--	--	--	--	--
03/19/92	30.12	9.55	20.57	--	--	--	--	--	--	--	--
05/06/92	30.12	9.35	20.77	--	--	3,700	<0.5	29	110	130	--
08/31/92	30.12	9.21	20.91	--	--	1,100	1.3	2.0	31	48	--
12/01/92	30.12	8.95	21.17	--	--	3,400	<0.5	19	140	290	--
03/15/93	32.77	13.01	19.76	--	--	4,200	<0.5	20	54	33	--
06/08/93	32.77	13.39	19.38	--	--	3,700	53	6.0	74	120	--
09/07/93	32.77	13.39	19.38	--	--	2,900	70	46	39	55	--
03/09/94	32.77	12.65	20.12	--	--	3,400	<0.5	6.0	46	66	--
06/17/94	32.77	12.75	20.02	--	--	4,200	1.0	39	75	86	--
09/13/94	32.77	12.18	20.59	--	--	3,800	<0.5	10	63	79	--
09/26/94	32.77	12.17	20.60	--	--	--	--	--	--	--	--
11/29/94	32.77	12.61	20.16	--	--	5,300	<10	40	37	39	--
03/29/95	32.77	14.18	18.59	--	--	7,300	<5.0	<5.0	38	67	--
06/19/95	32.77	13.42	19.35	--	--	5,700	37	<10	<10	<10	--
09/28/95	32.77	13.75	19.02	--	--	12,000	<10	<10	<10	85	--
12/27/95	32.77	12.77	20.00	--	--	8,200	<50	<50	<50	92	390
03/26/96	32.77	13.19	19.58	--	--	4,500	<10	<10	10	<10	<50
06/20/96	32.77	13.97	18.80	--	--	4,900	<5.0	7.8	6.6	<5.0	<25
09/30/96	32.77	13.43	19.34	--	--	3,900	39	6.5	<5.0	5.9	<25

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**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Service Station #9-4816  
301 14th Street  
Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH Removed (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
<b>C-8 (cont)</b>											
12/12/96	32.77	13.07	19.70	--	--	3,500	58	51	22	48	<50
03/31/97	32.77	13.87	18.90	--	--	5,000	9.9	28	21	440	<25
06/27/97	32.77	12.01	20.76	--	--	3,600	<2.5	16	15	5.4	<12
12/18/97	32.77	11.97	20.80	--	--	SAMPLED ANNUALLY		--	--	--	--
06/22/98	32.77	15.18	17.59	--	--	890	4.5	5.0	<2.5	<2.5	<12
12/23/98	32.77	13.73	19.04	--	--	--	--	--	--	--	--
06/23/99	32.77	14.20	18.57	--	--	2,010	7.45	5.6	<2.5	<2.5	<25
12/23/99	32.77	13.20	19.57	--	--	--	--	--	--	--	--
06/28/00	32.77	13.87	18.90	0.00	--	1,500 <sup>3</sup>	4.1	17	8.6	18	5.4
12/27/00	32.77	12.73	20.04	0.00	--	--	--	--	--	--	--
06/15/01	32.77	13.09	19.68	0.00	--	1,400 <sup>6</sup>	9.2	9.3	12	22	<25
12/14/01	32.77	12.64	20.13	0.00	--	SAMPLED ANNUALLY		--	--	--	--
<b>C-9</b>											
05/02/91	30.15	8.88	21.27	--	--	<50	<0.5	<0.5	<0.5	0.8	--
05/30/91	30.15	--	--	--	--	--	--	--	--	--	--
07/12/91	30.15	8.58	21.57	--	--	--	--	--	--	--	--
08/07/91	30.15	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
08/07/91	30.15	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/24/91	30.15	9.05	21.10	--	--	--	--	--	--	--	--
10/18/91	30.15	8.48	21.67	--	--	--	--	--	--	--	--
11/05/91	30.15	8.50	21.65	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
11/05/91	30.15	8.50	21.65	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/06/92	30.15	8.50	21.65	--	--	--	--	--	--	--	--
01/16/92	30.15	8.57	21.58	--	--	--	--	--	--	--	--
01/22/92	30.15	8.50	21.65	--	--	--	--	--	--	--	--
01/28/92	30.15	8.52	21.63	--	--	--	--	--	--	--	--
02/04/92	30.15	8.57	21.58	--	--	<50	<0.5	0.7	<0.5	0.7	--
02/04/92	30.15	8.57	21.58	--	--	<50	<0.5	<0.5	<0.5	<0.5	--

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301 14th Street  
Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH Removed (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
C-9 (cont)											
02/14/92	30.15	8.61	21.54	--	--	--	--	--	--	--	--
02/21/92	30.15	8.63	21.52	--	--	--	--	--	--	--	--
02/25/92	30.15	8.76	21.39	--	--	--	--	--	--	--	--
03/06/92	30.15	8.94	21.21	--	--	--	--	--	--	--	--
03/19/92	30.15	9.68	20.47	--	--	--	--	--	--	--	--
05/06/92	30.15	9.34	20.81	--	--	--	--	--	--	<0.5	--
08/31/92	30.15	9.18	20.97	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/01/92	30.15	8.88	21.27	--	--	<50	<0.5	<0.5	<0.5	<1.5	--
03/15/93	32.70	12.28	20.42	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/08/93	32.70	13.27	19.43	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/07/93	32.70	13.30	19.40	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/09/94	32.70	12.46	20.24	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/17/94	32.70	12.57	20.13	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/13/94	32.70	12.02	20.68	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/26/94	32.70	12.03	20.67	--	--	--	--	--	--	--	--
11/29/94	32.70	12.46	20.24	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/29/95	32.70	14.00	18.70	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/19/95	32.70	14.22	18.48	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/28/95	32.70	--	--	--	--	--	--	--	--	--	--
12/27/95	32.70	--	--	--	--	--	--	--	--	--	--
03/26/96	32.70	12.97	19.73	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/20/96	32.70	13.75	18.95	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/30/96	32.70	13.22	19.48	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
12/12/96	32.70	12.85	19.85	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/31/97	32.70	13.76	18.94	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/27/97	32.70	13.29	19.41	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
12/18/97	32.70	12.93	19.77	--	--	SAMPLED ANNUALLY		--	--	--	--
06/22/98	32.70	14.85	17.85	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
12/23/98	32.70	13.41	19.29	--	--	--	--	--	--	--	--
06/23/99	32.70	14.02	18.68	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0

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WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH Removed (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
<b>C-9 (cont)</b>											
12/23/99	32.70	12.93	19.77	--	--	--	--	--	--	--	--
06/28/00	32.70	13.62	19.08	0.00	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
12/27/00	32.70	12.51	20.19	0.00	--	--	--	--	--	--	--
06/15/01	32.70	12.91	19.79	0.00	--	<50	<0.50	1.4	<0.50	0.95	<2.5
12/14/01	<b>32.70</b>	<b>12.47</b>	<b>20.23</b>	<b>0.00</b>	--	<b>SAMPLED ANNUALLY</b>		--	--	--	--
<b>MW-10</b>											
01/21/93	31.59	10.32	21.27	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/15/93	31.59	12.18	21.10	--	--	<50	<0.5	<0.5	<0.5	<1.5	--
06/08/93	33.28	13.33	19.95	--	--	<50	<0.5	<0.5	<0.5	1.0	--
09/07/93	33.28	13.35	19.93	--	--	<250	<2.5	<2.5	<2.5	<2.5	--
03/09/94	33.28	12.77	20.51	--	--	<50	1.0	0.5	<0.5	0.9	--
06/17/94	33.28	12.86	20.42	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/13/94	33.28	12.19	21.09	--	--	<50	2.1	0.7	<0.5	1.1	--
09/26/94	33.28	12.18	21.10	--	--	--	--	--	--	--	--
11/29/94	33.28	12.54	20.74	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/29/95	33.28	13.88	19.40	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/19/95	33.28	14.56	18.72	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/28/95	33.28	14.00	19.28	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/27/95	33.28	13.03	20.25	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/26/96	33.28	13.52	19.76	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/20/96	33.28	14.30	18.98	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/30/96	33.28	13.73	19.55	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
12/12/96	33.28	13.46	19.82	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/31/97	33.28	14.38	18.90	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/27/97	33.28	14.07	19.21	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
12/18/97	33.28	13.70	19.58	--	--	<b>SAMPLED ANNUALLY</b>		--	--	--	--
06/22/98	33.28	15.79	17.49	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/23/99	33.28	<b>INACCESSIBLE</b>		--	--	--	--	--	--	--	--

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Service Station #9-4816  
301 14th Street  
Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH Removed (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
<b>MW-10 (cont)</b>											
12/23/99	33.28	13.71	19.57	--	--	--	--	--	--	--	--
06/28/00	33.28	14.63	18.65	0.00	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
12/27/00	33.28	13.40	19.88	0.00	--	--	--	--	--	--	--
06/15/01	33.28	13.76	19.52	0.00	--	<50	<0.50	1.0	<0.50	1.1	<2.5
12/14/01	33.28	13.30	19.98	0.00	--	SAMPLED ANNUALLY		--	--	--	--
<b>MW-11</b>											
05/06/94	33.02	--	--	--	--	<50	1.4	<0.5	<0.5	0.6	--
05/16/94	33.02	12.44	20.58	--	--	--	--	--	--	--	--
09/13/94	33.02	--	--	--	--	--	--	--	--	--	--
09/26/94	33.02	11.93	21.09	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
11/29/94	33.02	12.20	20.82	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/29/95	33.02	13.62	19.40	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/19/95	33.02	14.10	18.92	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/28/95	33.02	13.55	19.47	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/27/95	33.02	12.52	20.50	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/26/96	33.02	12.84	20.18	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/20/96	33.02	13.76	19.26	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/30/96	33.02	13.54	19.48	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
12/12/96	33.02	12.78	20.24	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/31/97	33.02	13.66	19.36	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/27/97	33.02	13.51	19.51	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
12/18/97	33.02	13.02	20.00	--	--	SAMPLED ANNUALLY		--	--	--	--
06/22/98	33.02	14.87	18.15	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/23/99	33.02	13.82	19.20	--	--	UNABLE TO SAMPLE		--	--	--	--
12/23/99	33.02	12.96	20.06	--	--	--	--	--	--	--	--
06/28/00	33.02	13.64	19.38	0.00	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Service Station #9-4816  
301 14th Street  
Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH		B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
					Removed (gallons)	TPH-G (ppb)					
<b>MW-11 (cont)</b>											
12/27/00	33.02	12.52	20.50	0.00	--	--	--	--	--	--	--
06/15/01	UNABLE TO LOCATE - PAVED OVER			--	--	--	--	--	--	--	--
12/14/01	UNABLE TO LOCATE - PAVED OVER			--	--	--	--	--	--	--	--
<b>MW-12</b>											
05/06/94	33.90	--	--	--	--	160,000	69,000	16,000	1,900	7,600	--
05/16/94	33.90	12.63	21.27	--	--	--	--	--	--	--	--
09/13/94	33.90	--	--	--	--	--	--	--	--	--	--
09/26/94	33.90	--	--	--	--	--	--	--	--	--	--
11/29/94	33.90	12.80	21.10	--	--	41,000	9,100	3,500	520	1,500	--
03/29/95	33.90	14.30	19.60	--	--	16,000	4,000	1,000	230	840	--
06/19/95	33.90	15.07	18.83	--	--	76,000	26,000	4,200	1,300	3,400	--
09/28/95	33.90	14.11	19.79	--	--	53,000	26,000	720	820	590	--
12/27/95	33.90	13.25	20.65	--	--	4,800	150	130	29	910	<25
03/26/96	33.90	13.89	20.01	--	--	89	0.86	<0.5	<0.5	9.3	<2.5
06/20/96	33.90	14.12	19.78	--	--	<50	<0.5	<0.5	<0.5	0.86	<2.5
09/30/96	33.90	13.63	20.27	--	--	<50	0.52	<0.5	<0.5	<0.5	<2.5
12/12/96	33.90	13.40	20.50	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/31/97	33.90	14.71	19.19	--	--	230	0.85	<0.5	0.99	1.4	<2.5
06/27/97	33.90	14.03	19.87	--	--	96	1.2	<0.5	<0.5	<0.5	<2.5
ABANDONED											
<b>CR-1</b>											
10/30/90	30.17	--	23.81	2.50	--	--	--	--	--	--	--
01/04/91	30.17	--	24.08	2.70	--	--	--	--	--	--	--
01/07/91	30.17	--	23.30	3.00	--	--	--	--	--	--	--
01/11/91	30.17	--	24.24	2.64	--	--	--	--	--	--	--
02/15/91	30.17	--	24.72	2.92	--	--	--	--	--	--	--

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Service Station #9-4816  
301 14th Street  
Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DIW (ft.)	SPHT (ft.)	SPH Removed (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
<b>CR-1 (cont)</b>											
05/02/91	30.17	--	--	--	--	--	--	--	--	--	--
05/30/91	30.17	--	23.07	2.42	--	--	--	--	--	--	--
06/13/91	30.17	--	--	--	--	--	--	--	--	--	--
07/12/91	30.17	--	--	--	--	--	--	--	--	--	--
08/07/91	30.17	--	--	2.69	--	--	--	--	--	--	--
09/24/91	30.17	--	--	--	--	--	--	--	--	--	--
10/18/91	30.17	--	23.75	2.50	--	--	--	--	--	--	--
11/05/91	30.17	--	23.64	2.43	--	--	--	--	--	--	--
01/06/92	30.17	--	23.57	--	--	--	--	--	--	--	--
01/16/92	30.17	--	23.41	2.30	--	--	--	--	--	--	--
01/22/92	30.17	--	23.44	2.24	--	--	--	--	--	--	--
01/28/92	30.17	--	23.40	2.29	--	--	--	--	--	--	--
02/14/92	30.17	--	23.31	2.34	--	--	--	--	--	--	--
02/21/92	30.17	--	24.10	3.19	--	--	--	--	--	--	--
02/25/92	30.17	--	23.15	1.03	--	--	--	--	--	--	--
03/06/92	30.17	--	--	--	--	--	--	--	--	--	--
03/19/92	30.17	--	--	--	--	--	--	--	--	--	--
05/06/92	30.17	--	--	--	--	--	--	--	--	--	--
08/31/92	30.17	--	21.84	0.41	--	--	--	--	--	--	--
12/01/92	30.17	--	22.06	0.21	--	--	--	--	--	--	--
03/15/93	33.40	--	20.34	--	--	410,000	28,000	42,000	5,200	37,000	--
06/08/93	33.40	13.33	20.07	--	--	85,000	10,000	21,000	3,200	20,000	--
09/07/93	33.40	13.33	20.07	--	--	180,000	50,000	48,000	5,100	33,000	--
03/09/94	33.40	12.73	20.67	--	--	94,000	18,000	20,000	2,500	19,000	--
06/17/94	33.40	13.75	19.65	--	--	26,000	2,400	3,600	480	6,100	--
09/13/94	33.40	INACCESSIBLE	--	--	--	--	--	--	--	--	--
09/26/94	33.40	--	--	--	--	--	--	--	--	--	--
11/29/94	33.40	8.56	24.90	0.08	0.264	--	--	--	--	--	--
12/20/94	33.40	12.49	21.62	0.89	2.000	--	--	--	--	--	--
12/28/94	33.40	12.58	21.29	0.59	0.500	--	--	--	--	--	--



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**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Service Station #9-4816  
301 14th Street  
Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH						
					Removed (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
CR-1 (cont)											
01/03/95	33.40	12.62	21.12	0.42	0.800	--	--	--	--	--	--
01/10/95	33.40	12.96	20.74	0.38	0.500	--	--	--	--	--	--
01/17/95	33.40	13.02	20.45	0.09	--	--	--	--	--	--	--
01/23/95	33.40	14.00	19.40	--	--	--	--	--	--	--	--
02/07/95	33.40	13.53	19.91	0.05	0.300	--	--	--	--	--	--
02/22/95	33.40	13.78	19.62	--	--	--	--	--	--	--	--
03/07/95	33.40	13.68	19.72	--	--	--	--	--	--	--	--
03/29/95	33.40	10.22	23.32	0.17	0.026	--	--	--	--	--	--
03/30/95	33.40	7.39	26.01	--	--	--	--	--	--	--	--
04/10/95	33.40	14.01	19.39	--	--	--	--	--	--	--	--
05/07/95	33.40	14.37	19.03	--	--	--	--	--	--	--	--
05/09/95	33.40	14.25	19.15	--	--	--	--	--	--	--	--
05/12/95	33.40	14.28	19.12	--	--	--	--	--	--	--	--
05/18/95	33.40	14.41	19.03	0.05	0.264	--	--	--	--	--	--
05/26/95	33.40	14.35	19.05	--	--	--	--	--	--	--	--
06/08/95	33.40	14.24	19.16	--	--	--	--	--	--	--	--
06/16/95	33.40	14.48	18.94	0.02	0.021	--	--	--	--	--	--
06/19/95	33.40	14.46	18.95	0.01	0.010	--	--	--	--	--	--
06/29/95	33.40	14.50	18.90	--	--	--	--	--	--	--	--
07/06/95	33.40	14.72	18.68	--	--	--	--	--	--	--	--
07/12/95	33.40	14.69	18.71	--	--	--	--	--	--	--	--
07/22/95	33.40	13.85	19.56	0.01	0.010	--	--	--	--	--	--
07/27/95	33.40	14.17	19.23	--	--	--	--	--	--	--	--
08/02/95	33.40	13.42	20.00	0.02	0.010	--	--	--	--	--	--
09/28/95	33.40	13.64	19.76	--	--	70,000	12,000	10,000	910	5,300	--
12/27/95	33.40	12.63	20.79	0.02	--	--	--	--	--	--	--
03/26/96	33.40	12.05	21.35	--	--	15,000	280	650	130	1,700	<125
06/20/96	33.40	12.98	20.42	--	--	9,900	570	1,000	230	2,300	60
09/30/96	33.40	12.46	20.94	--	--	3,600	200	180	52	480	<50
12/12/96	33.40	12.79	20.61	--	--	21,000	850	1,400	500	4,200	<125

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WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH Removed (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
<b>CR-1 (cont)</b>											
03/31/97	33.40	13.81	19.59	--	--	9,100	300	120	220	1,200	<50
06/27/97	33.40	12.70	20.70	--	--	12,000	260	330	210	1,500	<125
12/18/97	33.40	12.97	20.43	--	--	7,500	210	63	110	600	<125
03/31/97	33.40	13.81	19.59	--	--	9,100	300	120	220	1,200	<50
06/27/97	33.40	12.70	20.70	--	--	12,000	260	330	210	1,500	<125
12/18/97	33.40	12.97	20.43	--	--	7,500	210	63	110	600	<125
02/16/98	33.40	14.95	18.45	--	--	5,900	58	25	58	770	<100
06/22/98	33.40	14.85	18.55	--	--	17,000	410	260	400	1,500	1,800
12/23/98	33.40	13.26	20.14	--	--	2,900	210	16	94	380	<25
12/23/98 <sup>1</sup>	33.40	13.26	20.14	--	--	--	--	--	--	--	<2.0
01/28/99 <sup>2</sup>	33.40	13.30	20.10	--	--	4,290	168	33.5	178	412	18.9
06/23/99	33.40	13.36	20.04	--	--	5,840	636	12.4	101	580	<100
12/23/99	33.40	12.31	21.09	--	--	20,900	356	<25	175	555	<125
06/28/00	NP	33.40	13.12	20.28	0.00	750 <sup>3</sup>	49	<2.5	53	<2.5	<13
12/27/00		33.40	11.92	21.48	0.00	2,720	533	17.1	87.5	167	<12.5
06/15/01		33.40	12.32	21.08	0.00	210 <sup>3</sup>	7.3	2.0	1.3	3.0	5.2
12/14/01	33.40	<b>INACCESSIBLE - CAR PARKED OVER WELL</b>				--	--	--	--	--	--
<b>VEW-3</b>											
12/20/94	--	--	20.43	--	--	--	--	--	--	--	--
12/28/94	--	--	21.73	1.32	2.000	--	--	--	--	--	--
01/03/95	--	--	21.07	0.50	1.500	--	--	--	--	--	--
01/10/95	--	--	20.55	0.27	0.300	--	--	--	--	--	--
01/17/95	--	--	20.21	0.26	0.300	--	--	--	--	--	--
01/23/95	--	--	20.10	--	--	--	--	--	--	--	--
02/07/95	--	--	19.92	0.23	0.300	--	--	--	--	--	--
02/22/95	--	--	19.59	0.16	0.100	--	--	--	--	--	--
03/07/95	--	--	19.47	0.12	0.100	--	--	--	--	--	--
03/30/95	--	--	19.85	--	--	--	--	--	--	--	--

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WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH						MTBE (ppb)
					Removed (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	
<b>VEW-3 (cont)</b>											
04/10/95	--	--	19.31	0.07	0.100	--	--	--	--	--	--
05/07/95	--	--	19.00	0.07	0.317	--	--	--	--	--	--
05/09/95	--	--	19.04	0.04	0.005	--	--	--	--	--	--
05/12/95	--	--	18.80	0.04	0.008	--	--	--	--	--	--
05/18/95	--	--	19.27	0.04	0.264	--	--	--	--	--	--
05/26/95	--	--	19.02	0.02	0.005	--	--	--	--	--	--
06/08/95	--	--	18.94	0.05	0.040	--	--	--	--	--	--
06/16/95	--	--	19.00	0.04	0.021	--	--	--	--	--	--
06/19/95	--	--	19.00	0.02	0.010	--	--	--	--	--	--
06/29/95	--	--	19.03	--	--	--	--	--	--	--	--
07/06/95	--	--	18.81	--	--	--	--	--	--	--	--
07/12/95	--	--	19.12	0.01	0.026	--	--	--	--	--	--
07/22/95	--	--	19.09	--	--	--	--	--	--	--	--
07/27/95	--	--	19.10	--	--	--	--	--	--	--	--
08/02/95	--	--	19.99	0.02	0.020	--	--	--	--	--	--
09/28/95	--	--	19.38	--	--	--	--	--	--	--	--
12/27/95	--	--	20.74	0.02	--	--	--	--	--	--	--
03/26/96	--	--	21.04	--	--	--	--	--	--	--	--
06/20/96	--	--	20.32	--	--	--	--	--	--	--	--
09/30/96	--	--	20.87	--	--	--	--	--	--	--	--
12/12/96	--	--	20.18	--	--	--	--	--	--	--	--
03/31/97	--	--	19.38	--	--	--	--	--	--	--	--
06/27/97	--	--	--	--	--	--	--	--	--	--	--
<b>ABANDONED</b>											
<b>TRIP BLANK</b>											
05/02/91	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
08/07/91	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
11/05/91	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Service Station #9-4816  
301 14th Street  
Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH Removed (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
<b>TRIP BLANK (cont)</b>											
02/04/92	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
05/06/92	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
08/31/92	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/01/92	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/15/93	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/08/93	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--
09/07/93	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/09/94	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/17/94	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/13/94	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/26/94	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
11/29/94	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/29/95	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/19/95	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/28/95	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/27/95	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/26/96	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/20/96	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/30/96	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/12/96	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/31/97	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/27/97	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
12/18/97	--	--	--	--	--	<50	<0.5	<0.5	<0.5	1.6	<2.5
02/16/98	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/22/98	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
12/23/98	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5
01/28/99	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0
12/23/99	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/28/00	--	--	--	--	--	<50	<0.50	<0.50	<0.50	0.92	<2.5
12/27/00	--	--	--	--	--	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Service Station #9-4816  
301 14th Street  
Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH		B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
					Removed (gallons)	TPH-G (ppb)					
<b>TRIP BLANK (cont)</b>											
06/15/01	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
QA											
12/14/01	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Service Station #9-4816  
301 14th Street  
Oakland, California

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**EXPLANATIONS:**

Groundwater monitoring data and laboratory analytical results prior to June 28, 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

SPH = Separate Phase Hydrocarbon

TPH-G = Total Petroleum Hydrocarbons as Gasoline

B = Benzene

T = Toluene

E = Ethylbenzene

X = Xylenes

MTBE = Methyl tertiary butyl ether

(ppb) = Parts per Billion

NP = No Purge

-- = Not Measured/Not Analyzed

QA = Quality Assurance

<sup>1</sup> Confirmation run.

<sup>2</sup> Resampled.

<sup>3</sup> Laboratory report indicates gasoline C6-C12.

<sup>4</sup> Laboratory report indicates sample was originally analyzed within EPA recommended holding time at a dilution. Sample was re-analyzed outside holding time and reported.

<sup>5</sup> Laboratory report indicates hydrocarbon pattern is present in the requested fuel quantitation range but does not resemble the pattern of the requested fuel.

<sup>6</sup> Laboratory report indicates gasoline C6-C12 + unidentified hydrocarbons C6-C12.

## 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/ CHEVRON  
 Facility # 9-4816  
 Address: 301 14th Street  
 City: Oakland

Job#: 386504  
 Date: 12-14-01  
 Sampler: FB

Well ID: C-1  
 Well Diameter: 2 in.  
 Total Depth: 31.95 ft.  
 Depth to Water: 20.79 ft.

Well Condition: OK  
 Hydrocarbon Thickness: ∅ (feet) Amount Bailed (product/water): ∅ (Gallons)  
 Volume Factor (VF):  
 2" = 0.17      3" = 0.38      4" = 0.66  
 6" = 1.50      12" = 5.80

11.16 x VF .17 = 1.89 x 3 (case volume) = Estimated Purge Volume: 5.5 (gal.)

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

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

Starting Time: 0839  
 Sampling Time: 0900  
 Purging Flow Rate: \_\_\_\_\_ gpm.  
 Did well de-water? NO

Weather Conditions: clean  
 Water Color: clean Odor: NO  
 Sediment Description: \_\_\_\_\_  
 If yes; Time: \_\_\_\_\_ Volume: \_\_\_\_\_ (gal.)

Time	Volume (gal.)	pH	Conductivity $\mu$ mhos/cm	Temperature $^{\circ}$ C	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
<u>0844</u>	<u>2</u>	<u>7.26</u>	<u>364</u>	<u>16.7</u>			
<u>0849</u>	<u>4</u>	<u>7.24</u>	<u>390</u>	<u>16.7</u>			
<u>0853</u>	<u>5.5</u>	<u>7.23</u>	<u>388</u>	<u>16.8</u>			

**LABORATORY INFORMATION**

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>C-1</u>	<u>3 JVA V. MS</u>	<u>Y</u>	<u>HCL</u>	<u>LANGASTER</u>	<u>TPH(G)/btex/mtbe</u>

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



**WELL MONITORING/SAMPLING  
FIELD DATA SHEET.**

Client/ CHEVRON  
 Facility # 9-4816  
 Address: 301 14th Street  
 City: Oakland

Job#: 386504  
 Date: 12-14-01  
 Sampler: FB

Well ID C-2  
 Well Diameter 2 in.  
 Total Depth 25.75 ft.  
 Depth to Water 20.97 ft.

Well Condition: OK  
 Hydrocarbon Thickness: Ø (feet) Amount Bailed Ø (Gallons)  
 Volume Factor (VF) 2" = 0.17 3" = 0.38 4" = 0.66  
 6" = 1.50 12" = 5.80

4.78 x VF .17 = .812 x 3 (case volume) = Estimated Purge Volume: 2.5 (gal.)

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

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

Starting Time: 0920  
 Sampling Time: 0937  
 Purging Flow Rate: \_\_\_\_\_ gpm.  
 Did well de-water? No

Weather Conditions: clear  
 Water Color: clear Odor: NO  
 Sediment Description: \_\_\_\_\_  
 If yes; Time: \_\_\_\_\_ Volume: \_\_\_\_\_ (gal.)

Time	Volume (gal.)	pH	Conductivity $\mu$ mhos/cm	Temperature $^{\circ}$ F	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
<u>0923</u>	<u>1</u>	<u>6.34</u>	<u>528</u>	<u>16.8</u>			
<u>0926</u>	<u>2</u>	<u>6.41</u>	<u>516</u>	<u>16.4</u>			
<u>0928</u>	<u>2.5</u>	<u>6.42</u>	<u>510</u>	<u>16.4</u>			

**LABORATORY INFORMATION**

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>C-2</u>	<u>3 VOA VIALS</u>	<u>Y</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH(G)/btex/mtbe</u>

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

**WELL MONITORING/SAMPLING  
FIELD DATA SHEET.**

Client/CHEVRON  
Facility # 9-4816  
Address: 301 14th Street  
City: Oakland

Job#: 386504  
Date: 12-14-07  
Sampler: FB

Well ID: C-3  
Well Diameter: 2 in.  
Total Depth: 29.44 ft.  
Depth to Water: 21.45 ft.

Well Condition: OK  
Hydrocarbon Thickness: ∅ (feet) Amount Bailed ∅ (Gallons)  
Volume Factor (VF) 2" = 0.17 3" = 0.38 4" = 0.66  
6" = 1.50 12" = 5.80

7.99 X VF 1.7 = 1.35 X 3 (case volume) = Estimated Purge Volume: 4 (gal.)

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

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

Starting Time: 0956  
Sampling Time: 1016  
Purging Flow Rate: \_\_\_\_\_ gpm.  
Did well de-water? NO

Weather Conditions: clear  
Water Color: clear Odor: YES  
Sediment Description: \_\_\_\_\_  
If yes; Time: \_\_\_\_\_ Volume: \_\_\_\_\_ (gal.)

Time	Volume (gal.)	pH	Conductivity $\mu$ mhos/cm	Temperature °F	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
<u>0959</u>	<u>1.5</u>	<u>7.01</u>	<u>584</u>	<u>16.1</u>			
<u>1003</u>	<u>3.0</u>	<u>7.04</u>	<u>599</u>	<u>16.4</u>			
<u>1006</u>	<u>4.0</u>	<u>7.09</u>	<u>602</u>	<u>16.5</u>			

**LABORATORY INFORMATION**

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>C-3</u>	<u>3 vials</u>	<u>Y</u>	<u>Hcl</u>	<u>LANCASTER</u>	<u>TPH(G)/btex/mtbe</u>

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

**WELL MONITORING/SAMPLING  
FIELD DATA SHEET.**

Client/ CHEVRON  
 Facility # 9-4816  
 Address: 301 14th Street  
 City: Oakland

Job#: 386504  
 Date: 12-14-01  
 Sampler: FB

Well ID: C-4  
 Well Diameter: 2 in.  
 Total Depth: 30.75 ft.  
 Depth to Water: 21.71 ft.

Well Condition: OK  
 Hydrocarbon Thickness: ∅ (feet)  
 Amount Bailed (product/water): ∅ (Gallons)

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

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

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

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

Starting Time: \_\_\_\_\_ Weather Conditions: \_\_\_\_\_  
 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 (µmhos/cm)	Temperature (°F)	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)

**LABORATORY INFORMATION**

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
		Y		LANCASTER	TPH(G)/btex/mtbe

COMMENTS: monitor only

**WELL MONITORING/SAMPLING  
FIELD DATA SHEET.**

Client/CHEVRON  
 Facility # 9-4816  
 Address: 301 14th Street  
 City: Oakland

Job#: 386504  
 Date: 12-14-01  
 Sampler: FB

Well ID: C-5  
 Well Diameter: 2 in.  
 Total Depth: \_\_\_\_\_ ft.  
 Depth to Water: \_\_\_\_\_ ft.

Well Condition: UTA

Hydrocarbon Thickness:	(feet)	Amount Bailed (product/water):	(Gallons)
Volume Factor (VF)	2" = 0.17 6" = 1.50	3" = 0.38 12" = 5.80	4" = 0.66

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

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

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

Starting Time: \_\_\_\_\_  
 Sampling Time: \_\_\_\_\_  
 Purging Flow Rate: \_\_\_\_\_ gpm.  
 Did well de-water? \_\_\_\_\_

Weather Conditions: \_\_\_\_\_  
 Water Color: \_\_\_\_\_ Odor: \_\_\_\_\_  
 Sediment Description: \_\_\_\_\_  
 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
				LANCASTER	TPH(G)/diox/mtbs

COMMENTS: CAR PARKED OVER WELL ARRIVED @ 0720  
CAR ALREADY there

**WELL MONITORING/SAMPLING  
FIELD DATA SHEET.**

Client/CHEVRON  
 Facility # 9-4816  
 Address: 301 14th Street  
 City: Oakland

Job#: 386504  
 Date: 12-14-01  
 Sampler: FB

Well ID: C-6  
 Well Diameter: 2 in.  
 Total Depth: 29.08 ft.  
 Depth to Water: 20.10 ft.

Well Condition: OK  
 Hydrocarbon Thickness: ∅ (feet) Amount Bailed (Gallons): ∅  
 Volume Factor (VF):  
 2" = 0.17      3" = 0.38      4" = 0.66  
 6" = 1.50      12" = 5.80

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

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

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

Starting Time: \_\_\_\_\_  
 Sampling Time: \_\_\_\_\_  
 Purging Flow Rate: \_\_\_\_\_ gpm.  
 Did well de-water? \_\_\_\_\_

Weather Conditions: CLEAR  
 Water Color: \_\_\_\_\_ Odor: \_\_\_\_\_  
 Sediment Description: \_\_\_\_\_  
 If yes; Time: \_\_\_\_\_ Volume: \_\_\_\_\_ (gal.)

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

**LABORATORY INFORMATION**

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
		Y		LANCASTER	TPHIGI/btex/mtbe

COMMENTS: monitor only

**WELL MONITORING/SAMPLING  
FIELD DATA SHEET.**

Client/CHEVRON  
 Facility # 9-4816  
 Address: 301 14th Street  
 City: Oakland

Job#: 386504  
 Date: 12-14-07  
 Sampler: FB

Well ID: C-7 Well Condition: PAVED OVER WITH  
 Well Diameter: 2 in. Hydrocarbon Thickness: \_\_\_\_\_ (feet) Amount Bailed (product/water): \_\_\_\_\_ (Gallons)  
 Total Depth: \_\_\_\_\_ ft.  
 Depth to Water: \_\_\_\_\_ ft.

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

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

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

Starting Time: \_\_\_\_\_ Weather Conditions: \_\_\_\_\_  
 Sampling Time: \_\_\_\_\_ Water Color: \_\_\_\_\_ Odor: \_\_\_\_\_  
 Pumping 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
				LANCASTER	TEHIG/btex/mide

COMMENTS: PAVED OVER

**WELL MONITORING/SAMPLING  
FIELD DATA SHEET.**

Client/ CHEVRON  
 Facility # 9-4816  
 Address: 301 14th Street  
 City: Oakland

Job#: 386504  
 Date: 12-14-01  
 Sampler: \_\_\_\_\_

Well ID C-8  
 Well Diameter 2 in.  
 Total Depth 33.52 ft.  
 Depth to Water 20.13 ft.

Well Condition: Lid missing

Hydrocarbon Thickness:	$\phi$	Amount Bailed (feet) (product/water):	$\phi$	(Gallons)
Volume Factor (VF)	2" = 0.17	3" = 0.38	4" = 0.66	
	6" = 1.50	12" = 5.80		

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

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

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

Starting Time: \_\_\_\_\_  
 Sampling Time: \_\_\_\_\_  
 Purging Flow Rate: \_\_\_\_\_ gpm.  
 Did well de-water? \_\_\_\_\_

Weather Conditions: clean  
 Water Color: \_\_\_\_\_ Odor: \_\_\_\_\_  
 Sediment Description: \_\_\_\_\_  
 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
				LANCASTER	TPH(G)/btex/mtbe

COMMENTS: Lid missing (Christy Box)

**WELL MONITORING/SAMPLING  
FIELD DATA SHEET.**

Client/CHEVRON  
 Facility # 9-4816  
 Address: 301 14th Street  
 City: Oakland

Job#: 386504  
 Date: 12-14-01  
 Sampler: FB

Well ID: C-9  
 Well Diameter: 2 in.  
 Total Depth: 33.69 ft.  
 Depth to Water: 20.23 ft.

Well Condition: OK  
 Hydrocarbon Thickness: φ (feet) Amount Bailed (product/water): φ (Gallons)  

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

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

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

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

Starting Time: \_\_\_\_\_ Weather Conditions: clear  
 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 °F	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)

**LABORATORY INFORMATION**

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
		Y		LANCASTER	TPH(G)/btex/mtbe

COMMENTS: monitor only



**WELL MONITORING/SAMPLING  
FIELD DATA SHEET.**

Client/CHEVRON

Facility # 9-4816

Job#: 386504

Address: 301 14th Street

Date: 12-14-01

City: Oakland

Sampler: FB

Well ID CR-1

Well Condition: UTA

Well Diameter 4 in.

Hydrocarbon Thickness: \_\_\_\_\_ (feet) Amount Bailed (product/water): \_\_\_\_\_ (Gallons)

Total Depth \_\_\_\_\_ ft.

Depth to Water \_\_\_\_\_ ft.

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

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

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

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

Starting Time: \_\_\_\_\_

Weather Conditions: clear

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
				LANCASTER	TPH(G)/btex/mtbe

COMMENTS: UTA CAR PARKED OVER WELL. ARRIVED @ 0720 CAR WAS ALREADY THERE

**WELL MONITORING/SAMPLING  
FIELD DATA SHEET.**

Client/ **CHEVRON**  
 Facility # 9-4816  
 Address: 301 14th Street  
 City: Oakland

Job#: 386504  
 Date: 12-14-01  
 Sampler: FB

Well ID: mw-10  
 Well Diameter: 2 in.  
 Total Depth: 34.10 ft.  
 Depth to Water: 19.98 ft.

Well Condition: OK

Hydrocarbon Thickness:	$\phi$	(feet)	Amount Bailed (product/water):	$\phi$	(Gallons)
Volume Factor (VF)	2" = 0.17		3" = 0.38		4" = 0.66
	6" = 1.50		12" = 5.80		

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

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

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

Starting Time: \_\_\_\_\_ Weather Conditions: clear  
 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
		Y		LANCASTER	TFHG/btex/mtd

COMMENTS: monitor only

**WELL MONITORING/SAMPLING  
FIELD DATA SHEET.**

Client/ CHEVRON  
 Facility # 9-4816  
 Address: 301 14th Street  
 City: Oakland

Job#: 386504  
 Date: \_\_\_\_\_  
 Sampler: \_\_\_\_\_

Well ID: mw-11  
 Well Diameter: 2 in.  
 Total Depth: \_\_\_\_\_ ft.  
 Depth to Water: \_\_\_\_\_ ft.

Well Condition: Paved Over NTL

Hydrocarbon Thickness:	Amount Bailed (Gallons)		
(feet)	(product/water):		
Volume	2" = 0.17	3" = 0.38	4" = 0.66
Factor (VF)	6" = 1.50	12" = 5.80	

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

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

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

Starting Time: \_\_\_\_\_  
 Sampling Time: \_\_\_\_\_  
 Purging Flow Rate: \_\_\_\_\_ gpm.  
 Did well de-water? \_\_\_\_\_

Weather Conditions: \_\_\_\_\_  
 Water Color: \_\_\_\_\_ Odor: \_\_\_\_\_  
 Sediment Description: \_\_\_\_\_  
 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
		Y		LANCASTER	TPH(G)/btex/mtbe

COMMENTS: Paved Over

# Chevron California Region Analysis Request/Chain of Custody



For Lancaster Laboratories use only  
 Acct. #: 10905 Sample #: 3745350-53 SCR#: \_\_\_\_\_

141201-004

Facility #: 9-4816 Job #386504 Global ID #T0600100327  
 Site Address: 301 14TH STREET, OAKLAND, CA  
 Chevron Tom Bauhs Lead Consultant Delta/G-R  
 Consultant/Office: G-R, Inc., 6747 Sierra Court, Dublin, Ca 94568  
 Consultant Prj. Mgr: Deanna L. Harding (Deanna@grinc.com)  
 Consultant Phone: 925-551-7555 Fax: 925-551-7899  
 Sampler: F BONNET  
 Service Order #: \_\_\_\_\_  Non SAR: \_\_\_\_\_

### Analyses Requested

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

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

J value reporting needed  
 Must meet lowest detection limits possible for 8260 compounds  
 8021 MTBE Confirmation  
 Confirm highest hit by 8260  
 Confirm all hits by 8260  
 Run \_\_\_ oxy s on highest hit  
 Run \_\_\_ oxy s on all hits

Sample Identification	Date Collected	Time Collected	Grab	Composite	Matrix			Total Number of Containers	Analyses Requested										Comments / Remarks			
					Soil	Water	Oil		BTEX + MTBE 8260	8021	TPH 8015 MOD GRO	TPH 8015 MOD DRO	8260 full scan	Oxygenates	Lead 7420	7421						
QA	12-14-01	—				X		2	X	X												
C-1	↓	0900	X			X		3	X	X												
C-2	↓	0937	X			X		3	X	X												
C-3	↓	1016	X			X		3	X	X												

**Turnaround Time Requested (TAT) (please circle)**  
 **STD. TAT**      72 hour      48 hour  
 24 hour      4 day      5 day

Relinquished by: <u>Frank Bohner</u>	Date: <u>12/14/01</u>	Time: _____	Received by: <u>Michael Keel</u>	Date: <u>12/14/01</u>	Time: <u>12:10</u>
Relinquished by: <u>Michael Keel</u>	Date: <u>12/14/01</u>	Time: <u>1320</u>	Received by: <u>Andreas Amaze</u>	Date: <u>12-14-01</u>	Time: <u>1320</u>
Relinquished by: <u>Andreas Amaze</u>	Date: <u>12-14-01</u>	Time: <u>1500</u>	Received by: <u>Airborne</u>	Date: <u>12-14-01</u>	Time: _____

**Data Package Options (please circle if required)**  
 QC Summary      Type I — Full  
 Type VI (Raw Data)       Coelt Deliverable not needed  
 WIP (RWQCB)  
 Disk

Relinquished by Commercial Carrier:  
 UPS      FedEx       Other

Temperature Upon Receipt: 1.5 - 2.5°  
 Custody Seals Intact?       Yes      No



## ANALYTICAL RESULTS

Prepared for:

Chevron Products Company  
6001 Bollinger Canyon Road  
Building L PO Box 6004  
San Ramon CA 94583-0904  
925-842-8582

Prepared by:

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

RECEIVED  
DECEMBER 15 2001  
SETTLER-RYAN, INC.  
GENERAL CONTRACTORS

## SAMPLE GROUP

The sample group for this submittal is 790403. Samples arrived at the laboratory on Saturday, December 15, 2001. The PO# for this group is 99011184 and the release number is BAUHS.

<u>Client Description</u>			<u>Lancaster Labs Number</u>
QA-T-011214	NA	Water	3745350
C-1-W-011214	Grab	Water	3745351
C-2-W-011214	Grab	Water	3745352
C-3-W-011214	Grab	Water	3745353

## METHODOLOGY

The specific methodologies used in obtaining the enclosed analytical results are indicated on the laboratory chronicles.

1 COPY TO

Delta C/O Gettler-Ryan

Attn: Deanna L. Harding





## Lancaster Laboratories

*Where quality is a science.*  
Questions? Contact your Client Services Representative  
Teresa M. Lis at (717) 656-2300.

Respectfully Submitted,

Victoria M. Martell  
Chemist



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



RECEIVED  
ANALYSIS

Lancaster Laboratories Sample No. WW 3745350

Collected: 12/14/2001 00:00

Submitted: 12/15/2001 08:55  
Reported: 12/21/2001 at 11:38  
Discard: 01/21/2002  
QA-T-011214 NA Water

Account Number: 10905

CHEVRON PRODUCTS COMPANY  
6001 Bollinger Canyon Road  
Building L PO Box 6004  
San Ramon CA 94583-0904

Facility# 94816 Job# 386504 GRD  
301 14th St-Oakland T0600100327 QA

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

State of California Lab Certification No. 2116

### Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01729	TPH-GRO - Waters	N, CA LUFT Gasoline Method	1	12/17/2001 20:04	Steven J. Stabinger	1
08214	BTEX, MTBE (8021)	SW-846 8021B	1	12/17/2001 20:04	Steven J. Stabinger	1
01146	GC VOA Water Prep	SW-846 5030B	1	12/17/2001 20:04	Steven J. Stabinger	n.a.

#=Laboratory Method Detection Limit exceeded target detection limit

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



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



Lancaster Laboratories Sample No. **WW 3745351**

Collected: 12/14/2001 09:00 by **FB**

Account Number: 10905

Submitted: 12/15/2001 08:55  
 Reported: 12/21/2001 at 11:38  
 Discard: 01/21/2002

Chevron Products Company  
 6001 Bollinger Canyon Road  
 Building L PO Box 6004  
 San Ramon CA 94583-0904

C-1-W-011214                      Grab              Water

Facility# 94816    Job# 386504                      GRD  
 301 14th St-Oakland                      T0600100327    C-1

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

State of California Lab Certification No. 2116

### Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01729	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	12/18/2001 10:48	Melissa Mann	1
08214	BTEX, MTBE (8021)	SW-846 8021B	1	12/18/2001 10:48	Melissa Mann	1
01146	GC VOA Water Prep	SW-846 5030B	1	12/18/2001 10:48	Melissa Mann	n.a.

#=Laboratory Method Detection Limit exceeded target detection limit

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



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





Lancaster Laboratories Sample No. **WW 3745352**

Collected: 12/14/2001 09:37 by **FB**

Account Number: 10905

Submitted: 12/15/2001 08:55  
 Reported: 12/21/2001 at 11:38  
 Discard: 01/21/2002  
 C-2-W-011214                      Grab              Water

Chevron Products Company  
 6001 Bollinger Canyon Road  
 Building L PO Box 6004  
 San Ramon CA 94583-0904

Facility# 94816    Job# 386504                      GRD  
 301 14th St-Oakland              T0600100327    C-2

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

State of California Lab Certification No. 2116

### Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01729	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	12/18/2001 11:22	Melissa Mann	1
08214	BTEX, MTBE (8021)	SW-846 8021B	1	12/18/2001 11:22	Melissa Mann	1
01146	GC VOA Water Prep	SW-846 5030B	1	12/18/2001 11:22	Melissa Mann	n.a.

#=Laboratory Method Detection Limit exceeded target detection limit

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



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



Lancaster Laboratories Sample No. **WW 3745353**

Collected: 12/14/2001 10:16 by **FB**

Account Number: 10905

Submitted: 12/15/2001 08:55

Reported: 12/21/2001 at 11:38

Discard: 01/21/2002

C-3-W-011214

Grab Water

Chevron Products Company  
6001 Bollinger Canyon Road  
Building L PO Box 6004  
San Ramon CA 94583-0904

Facility# 94816 Job# 386504 GRD  
301 14th St-Oakland T0600100327 C-3

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01729	TPH-GRO - Waters					
01730	TPH-GRO - Waters	n.a.	20,000.	500.	ug/l	10
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
08214	BTEX, MTBE (8021)					
00776	Benzene	71-43-2	6,600.	10.	ug/l	50
00777	Toluene	108-88-3	36.	2.0	ug/l	10
00778	Ethylbenzene	100-41-4	500.	2.0	ug/l	10
00779	Total Xylenes	1330-20-7	670.	6.0	ug/l	10
00780	Methyl tert-Butyl Ether	1634-04-4	79.	3.0	ug/l	10

State of California Lab Certification No. 2116

### Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
01729	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	12/18/2001 17:11	Melissa Mann	10
08214	BTEX, MTBE (8021)	SW-846 8021B	1	12/18/2001 11:57	Melissa Mann	50
08214	BTEX, MTBE (8021)	SW-846 8021B	1	12/18/2001 17:11	Melissa Mann	10
01146	GC VOA Water Prep	SW-846 5030B	1	12/18/2001 11:57	Melissa Mann	n.a.

#=Laboratory Method Detection Limit exceeded target detection limit

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



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



Client Name: Chevron Products Company  
Reported: 12/21/01 at 11:38 AM

Group Number: 790403

### Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
			Sample number(s): 3745350-3745353					
Batch number: 01351A55	N.D.	0.5	ug/l	86	100	80-118	14	30
Benzene	N.D.	0.5	ug/l	92	108	82-119	16	30
Toluene	N.D.	0.5	ug/l	94	112	81-119	17	30
Ethylbenzene	N.D.	1.5	ug/l	93	111	82-120	17	30
Total Xylenes	N.D.	2.5	ug/l	94	106	79-127	12	30
Methyl tert-Butyl Ether	N.D.	50.	ug/l	97	103	76-119	5	20
TPH-GRO - Waters								

### Sample Matrix Quality Control

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	BKG MAX	DUP Conc	DUP RPD	Dup RPD Max
			Sample number(s): 3745350-3745353					
Batch number: 01351A55	102	99	66-140	2	30			
Benzene	110	107	72-138	2	30			
Toluene	114	112	71-138	2	30			
Ethylbenzene	113	110	69-140	2	30			
Total Xylenes	106	103	60-145	2	30			
Methyl tert-Butyl Ether	105	107	74-132	2	20			
TPH-GRO - Waters								

### Surrogate Quality Control

Analysis Name: TPH-GRO - Waters  
Batch number: 01351A55

	Trifluorotoluene-F	Trifluorotoluene-P
3745350	106	100
3745351	97	94
3745352	98	96
3745353	109	101
Blank	100	98
LCS	112	97
LCSD	115	98
MS	110	96
MSD	113	95
<hr/>		
Limits:	65-137	72-134

\*- Outside of specification

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



Lancaster Laboratories, Inc  
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