

Environmental Management  
Company  
6001 Bollinger Canyon Rd, L4050  
P.O. Box 6012  
San Ramon, CA 94583-2324  
Tel 925-842-1589  
Fax 925-842-8370

Karen Streich  
Project Manager

Ro 290 ✓

July 29, 2004

**ChevronTexaco**

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

Alameda County  
JUL 30 2004  
Environmental Services

Re: Chevron Service Station # 9-4816

Address: 301 14th Street, Oakland, CA

I have reviewed the attached routine groundwater monitoring report dated July 6, 2004.

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

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

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

Sincerely,



Karen Streich  
Project Manager

Enclosure: Report



# GETTLER-RYAN INC.

## TRANSMITTAL

0290

Alameda County  
JUL 20 2004  
Environmental Health

July 6, 2004  
G-R #386504

TO: Ms. Kristene Tidwell  
Cambria Environmental Technology, Inc.  
5900 Hollis Street  
Emeryville, CA 94608

CC: Ms. Karen Streich  
ChevronTexaco Company  
P.O. Box 6012, Room K2256  
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	July 1, 2004	Groundwater Monitoring and Sampling Report First Semi-Annual - Event of June 4, 2004

### COMMENTS:

Please provide any comments/changes and propose any groundwater monitoring modifications for the next event prior to **July 28, 2004**, at which time the final report will be distributed to the following:

- cc: Mr. Barney Chan , Alameda County Health Care Services, Dept. of Environmental Health, 1131 Harbor Bay Parkway, Suite 250, Alameda, CA 94502-6577
- Mr. John Robbins, ChevronTexaco Company, Law Department, Room T-4284, P.O. Box 6012, San Ramon, CA 94583-0904 (w/o attachments)
- The Herson Group, 795 Folsom Street, 1<sup>st</sup> Floor, San Francisco, CA 94107

Enclosures

trans/9-4816-KS



# GETTLER - RYAN INC.

July 1, 2004  
G-R Job #386504

Ms. Karen Streich  
ChevronTexaco Company  
P.O. Box 6012, Room K2256  
San Ramon, CA 94583

**RE: First Semi-Annual Event of June 4, 2004**  
Groundwater Monitoring & Sampling Report  
Former Chevron Service Station #9-4816  
301 14<sup>th</sup> Street  
Oakland, California

Dear Ms. Streich:

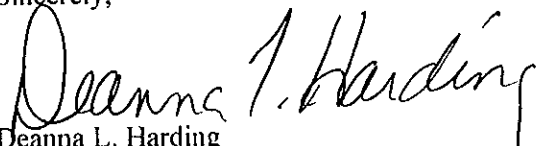
This report documents the most recent groundwater monitoring and sampling event performed by Gettler-Ryan Inc. (G-R) at the referenced site. All field work was conducted in accordance with G-R Standard Operating Procedure - Groundwater Sampling (attached).

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

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

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

Sincerely,

  
Deanna L. Harding  
Project Coordinator

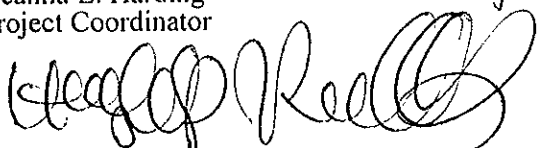
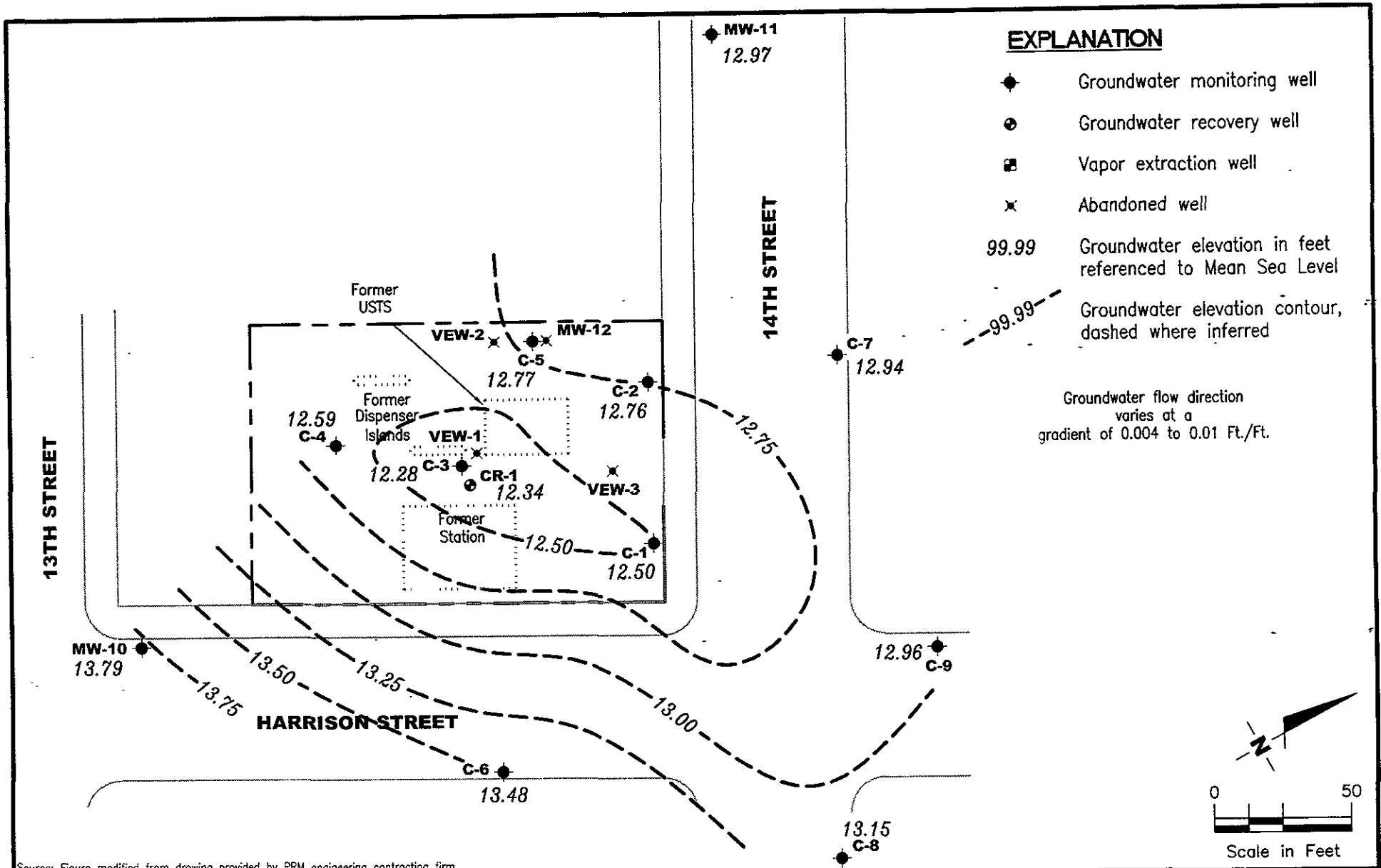
  
Hagop Kevork  
P.E. No. C55734



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



**EXPLANATION**

- ◆ Groundwater monitoring well
- ⊕ Groundwater recovery well
- Vapor extraction well
- × Abandoned well
- 99.99 Groundwater elevation in feet referenced to Mean Sea Level
- - - 99.99 Groundwater elevation contour, dashed where inferred
- Groundwater flow direction varies at a gradient of 0.004 to 0.01 Ft./Ft.

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 June 4, 2004	REVISED DATE
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**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)	DFW (ft.)	SPHT (ft.)	SPH Removed (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
C-1											
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	--
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	--

**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 (cont)</b>											
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	<0.5	<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
06/17/02	32.81	12.63	20.18	0.00	--	64	<0.50	<0.50	<0.50	<1.5	<2.5
12/12/02	32.81	11.86	20.95	0.00	--	55	<0.50	<0.50	<0.50	<1.5	<2.5/<2 <sup>7</sup>
06/25/03 <sup>8</sup>	32.81	12.49	20.32	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
12/04/03 <sup>8</sup>	32.81	11.75	21.06	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
06/04/04 <sup>8</sup>	32.81	12.50	20.31	0.00	--	<50	<0.5	<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)
C-2											
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	--
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	--

**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>											
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	<5.0
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
12/14/01	33.27	12.30	20.97	0.00	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
06/17/02	33.27	12.91	20.36	0.00	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
12/12/02	33.27	12.17	21.10	0.00	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5/<2 <sup>7</sup>
06/25/03 <sup>8</sup>	33.27	12.75	20.52	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	0.7
12/04/03 <sup>8</sup>	33.27	12.00	21.27	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	0.6
06/04/04 <sup>8</sup>	33.27	12.76	20.51	0.00	--	<50	<0.5	<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)
C-3											
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	--
09/26/94	33.28	11.66	22.25	0.79	--	--	--	--	--	--	--
11/29/94	33.28	11.93	22.10	0.94	0.264	--	--	--	--	--	--

**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)					
C-3 (cont)											
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	--	--	--	--	--	--	--
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

**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>											
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
06/17/02	33.28	12.45	20.83	0.00	--	37,000	11,000	1,000	870	2,300	<25
12/12/02	33.28	11.73	21.55	0.00	--	22,000	5,300	400	490	1,100	<25/<3.0 <sup>7</sup>
06/25/03 <sup>8</sup>	33.28	12.31	20.97	0.00	--	31,000	9,200	840	860	2,600	<5
12/04/03 <sup>8</sup>	33.28	11.57	21.71	0.00	--	29,000	9,000	390	610	1,500	<5
06/04/04 <sup>8</sup>	33.28	12.28	21.00	0.00	--	7,400	2,200	9	27	23	<2
<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	--	--	--	--	--	--	--	--
06/13/91	31.42	--	--	--	--	--	--	--	--	--	--

**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-4 (cont)											
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	--
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

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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 (msf)	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>											
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		--	--	--	--
06/17/02	33.85	12.74	21.11	0.00	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
12/12/02	33.85	12.05	21.80	0.00	--	SAMPLED ANNUALLY		--	--	--	--
06/25/03 <sup>8</sup>	33.85	12.60	21.25	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
12/04/03	33.85	11.85	22.00	0.00	--	SAMPLED ANNUALLY		--	--	--	--
06/04/04 <sup>8</sup>	33.85	12.59	21.26	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
<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	--	--	--	--	--	--	--	--	--	--

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

WELL ID/ DATE	TOC (fl.)	GWE (msl)	DTW (fl.)	SPHT (fl.)	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
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

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WELL ID/ DATE	TOC (fl.)	GWE (msl)	DTW (fl.)	SPHT (fl.)	SPH Removed (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
<b>C-5 (cont)</b>											
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	INACCESSIBLE - CAR PARKED OVER WELL			--	--	--	--	--	--	--
06/17/02	33.85	12.91	20.94	0.00	--	57	2.4	<0.50	<0.50	<1.5	<2.5
12/12/02	33.85	12.17	21.68	0.00	--	SAMPLED ANNUALLY		--	--	--	--
06/25/03 <sup>8</sup>	33.85	12.74	21.11	0.00	--	<50	1	<0.5	<0.5	<0.5	<0.5
12/04/03	33.85	12.00	21.85	0.00	--	SAMPLED ANNUALLY		--	--	--	--
06/04/04 <sup>8</sup>	33.85	12.77	21.08	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
<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	--	--	--	--	--	--	--	--

**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-6 (cont)</b>											
02/25/92	30.41	8.70	21.71	--	--	--	--	--	--	--	--
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	<1.5	--
03/15/93	33.09	13.09	20.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
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
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



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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>											
12/14/01	33.09	12.99	20.10	0.00	--	SAMPLED ANNUALLY	--	--	--	--	--
06/17/02	33.09	13.60	19.49	0.00	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
12/12/02	33.09	12.81	20.28	0.00	--	SAMPLED ANNUALLY	--	--	--	--	--
06/25/03 <sup>8</sup>	33.09	13.51	19.58	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
12/04/03	33.09	12.75	20.34	0.00	--	SAMPLED ANNUALLY	--	--	--	--	--
06/04/04 <sup>8</sup>	33.09	13.48	19.61	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
<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	--

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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		B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
					Removed (gallons)	TPH-G (ppb)					
<b>C-7 (cont)</b>											
06/17/94	33.06	12.47	20.59	--	--	<50	<0.5	<0.5	<0.5	0.6	--
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	<2.5
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			--	--	--	--	--	--	--
06/17/02	33.06	13.07	19.99	0.00	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
12/12/02	33.06	12.32	20.74	0.00	--	SAMPLED ANNUALLY		--	--	--	--
06/25/03 <sup>s</sup>	33.06	12.91	20.15	0.00	--	<50	<0.5	<0.5	<0.5	0.6	<0.5
12/04/03	33.06	12.19	20.87	0.00	--	SAMPLED ANNUALLY		--	--	--	--
06/04/04 <sup>s</sup>	33.06	12.94	20.12	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5

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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)
C-8											
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	--	--	--	--	--	--	--	--
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

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					Removed (gallons)	TPH-G (ppb)					
<b>C-8 (cont)</b>											
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
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		--	--	--	--
06/17/02	32.77	13.31	19.46	0.00	--	2,300	2.6	1.8	2.2	<7.5	<2.5
12/12/02	32.77	12.44	20.33	0.00	--	SAMPLED ANNUALLY		--	--	--	--
06/25/03 <sup>8</sup>	32.77	13.16	19.61	0.00	--	380	<0.5	150	<0.5	<0.5	<0.5
12/04/03	32.77	12.49	20.28	0.00	--	SAMPLED ANNUALLY		--	--	--	--
06/04/04 <sup>8</sup>	32.77	13.15	19.62	0.00	--	220	<0.5	0.5	<0.5	<0.5	<0.5
<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	--

**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-9 (cont)											
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	--
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	--	--	--	--	--	--	<0.5	--
03/19/92	30.15	9.68	20.47	--	--	--	--	--	--	<0.5	--
05/06/92	30.15	9.34	20.81	--	--	<50	<0.5	<0.5	<0.5	<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

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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>											
12/18/97	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
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	32.70	12.47	20.23	0.00	--	SAMPLED ANNUALLY	--	--	--	--	--
06/17/02	32.70	12.79	19.91	0.00	--	<50	<0.50	0.52	<0.50	<1.5	<2.5
12/12/02	32.70	INACCESSIBLE - COVERED BY DUMPSTER				--	--	--	--	--	--
06/25/03 <sup>8</sup>	32.70	12.97	19.73	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
12/04/03	32.70	12.26	20.44	0.00	--	SAMPLED ANNUALLY	--	--	--	--	--
06/04/04 <sup>8</sup>	32.70	12.96	19.74	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
<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

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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-10 (cont)</b>											
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	--	--	SAMPLED ANNUALLY		--	--	--	--
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	INACCESSIBLE		--	--	--	--	--	--	--	--
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		--	--	--	--
06/17/02	33.28	INACCESSIBLE - CAR PARKED OVER WELL				--	--	--	--	--	--
12/12/02	33.28	12.23	21.05	0.00	--	SAMPLED ANNUALLY		--	--	--	--
06/25/03 <sup>8</sup>	33.28	13.86	19.42	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
12/04/03	33.28	13.05	20.23	0.00	--	SAMPLED ANNUALLY		--	--	--	--
06/04/04 <sup>8</sup>	33.28	13.79	19.49	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
<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

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					Removed (gallons)	TPH-G (ppb)					
<b>MW-11 (cont)</b>											
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
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			--	--	--	--	--	--	--	--
06/17/02	33.02	13.11	19.91	0.00	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
12/12/02	33.02	12.41	20.61	0.00	--	SAMPLED ANNUALLY		--	--	--	--
06/25/03 <sup>8</sup>	33.02	12.94	20.08	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
12/04/03	33.02	12.19	20.83	0.00	--	SAMPLED ANNUALLY		--	--	--	--
06/04/04 <sup>8</sup>	33.02	12.97	20.05	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
<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



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MW-12 (cont)											
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											
CR-1											
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	--	--	--	--	--	--	--
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	--	--	--	--	--	--	--

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<b>CR-1 (cont)</b>											
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	--	--	--	--	--	--
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	--	--	--	--	--	--

**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)	
CR-1 (cont)												
07/27/95	33.40	14.17	19.23	--	--	--	--	--	--	--	--	
08/02/95	33.40	13.42	20.00	0.02	0.010	--	--	--	910	5,300	--	
09/28/95	33.40	13.64	19.76	--	--	70,000	12,000	10,000	--	--	--	
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	
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	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	INACCESSIBLE - CAR PARKED OVER WELL				--	--	--	--	--	--	--
06/17/02	33.40	12.48	20.92	0.00	--	1,600	290	3.5	25	45	<2.5	
12/12/02	33.40	11.72	21.68	0.00	--	1,300	120	<2.0	15	44	<2.5/<2 <sup>7</sup>	
06/25/03	33.40	INACCESSIBLE - CAR PARKED OVER WELL				--	--	--	--	--	--	--
12/04/03 <sup>8</sup>	33.40	11.59	21.81	0.00	--	850	210	3	5	7	<0.5	
06/04/04 <sup>8</sup>	33.40	12.34	21.06	0.00	--	87	9	<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		TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
					Removed (gallons)							
VEW-3												
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	--	--	--	--	--	--	--	--	--
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	--	--	--	--	--	--	--	--	--

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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>VEW-3 (cont)</b>											
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	--
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	<1.5	--
03/15/93	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/08/93	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
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	<2.5
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	--
09/30/96	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
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

**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>											
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	<2.500
06/15/01	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
<b>QA</b>											
12/14/01	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
06/17/02	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
12/12/02	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
06/25/03 <sup>8</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
12/04/03 <sup>8</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
06/04/04 <sup>8</sup>	--	--	--	--	--	<50	<0.5	<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

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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 Hydrocarbons

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/Trip Blank

<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.

<sup>7</sup> MTBE by EPA Method 8260.

<sup>8</sup> BTEX and MTBE by EPA Method 8260.

**Table 2**  
**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Service Station #9-4816  
301 14th Street  
Oakland, California

WELL ID	DATE	ETHANOL (ppb)	TBA (ppb)	MTBE (ppb)	DIPE (ppb)	ETBE (ppb)	TAME (ppb)	1,2-DCA (ppb)	EDB (ppb)
C-1	12/12/02	<500	<100	<2	<2	<2	<2	<2	<2
	06/25/03	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	12/04/03	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	06/04/04	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
C-2	12/12/02	<500	<100	<2	<2	<2	<2	<2	<2
	06/25/03	<50	<5	0.7	<0.5	<0.5	<0.5	<0.5	<0.5
	12/04/03	<50	<5	0.6	<0.5	<0.5	<0.5	<0.5	<0.5
	06/04/04	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
C-3	12/12/02	<500	<100	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
	06/25/03	<500	<50	<5	<5	<5	<5	<5	<5
	12/04/03	<500	<50	<5	<5	<5	<5	<5	<5
	06/04/04	<200	<20	<2	<2	<2	<2	<2	<2
C-4	06/25/03	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	12/04/03	SAMPLED ANNUALLY		--	--	--	--	--	--
	06/04/04	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
C-5	06/25/03	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	12/04/03	SAMPLED ANNUALLY		--	--	--	--	--	--
	06/04/04	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
C-6	06/25/03	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	12/04/03	SAMPLED ANNUALLY		--	--	--	--	--	--
	06/04/04	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5



**Table 2**  
**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Service Station #9-4816  
301 14th Street  
Oakland, California

WELL ID	DATE	ETHANOL (ppb)	TBA (ppb)	MTBE (ppb)	DIPE (ppb)	ETBE (ppb)	TAME (ppb)	1,2-DCA (ppb)	EDB (ppb)
C-7	06/25/03	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	12/04/03	SAMPLED ANNUALLY		--	--	--	--	--	--
	06/04/04	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
C-8	06/25/03	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	12/04/03	SAMPLED ANNUALLY		--	--	--	--	--	--
	06/04/04	<50	39	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
C-9	06/25/03	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	12/04/03	SAMPLED ANNUALLY		--	--	--	--	--	--
	06/04/04	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
MW-10	06/25/03	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	12/04/03	SAMPLED ANNUALLY		--	--	--	--	--	--
	06/04/04	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
MW-11	06/25/03	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	12/04/03	SAMPLED ANNUALLY		--	--	--	--	--	--
	06/04/04	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
CR-1	12/12/02	<500	<100	<2	<2	<2	<2	<2	<2
	06/25/03	INACCESSIBLE - CAR PARKED OVER WELL			--	--	--	--	--
	12/04/03	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	06/04/04	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5

**Table 2**  
**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Service Station #9-4816  
301 14th Street  
Oakland, California

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**EXPLANATIONS:**

TBA = Tertiary butyl alcohol  
MTBE = Methyl tertiary butyl ether  
DIPE = Di-isopropyl ether  
ETBE = Ethyl tertiary butyl ether  
TAME = Tertiary amyl methyl ether  
1,2-DCA = 1,2-Dichloroethane  
EDB = 1,2-Dibromoethane  
(ppb) = Parts per billion  
-- = Not Analyzed

**ANALYTICAL METHOD:**

*EPA Method 8260 for Oxygenate Compounds*

## STANDARD OPERATING PROCEDURE - GROUNDWATER SAMPLING

Gettler-Ryan Inc. field personnel adhere to the following procedures for the collection and handling of groundwater samples prior to analysis by the analytical laboratory. Prior to sample collection, the type of analysis to be performed is determined. Loss prevention of volatile compounds is controlled and sample preservation for subsequent analysis is maintained.

Prior to sampling, the presence or absence of free-phase hydrocarbons is determined using an interface probe. Product thickness, if present, is measured to the nearest 0.01 foot and is noted in the field notes. In addition, all depth to water level measurements are collected with a static water level indicator and are also recorded in the field notes, prior to purging and sampling any wells.

After water levels are collected and prior to sampling, if purging is to occur, each well is purged a minimum of three well casing volumes of water using pre-cleaned pumps (stack, suction, Grundfos), or disposable bailers. Temperature, pH and electrical conductivity are measured a minimum of three times during the purging. Purging continues until these parameters stabilize.

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

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

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

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



# GETTLER - RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-4816  
 Site Address: 301 14th Street  
 City: Oakland, CA

Job Number: 386504  
 Event Date: 6-4-04 (inclusive)  
 Sampler: Toed Green

Well ID: C-1  
 Well Diameter: 21.4 in.  
 Total Depth: 32.02 ft.  
 Depth to Water: 20.31 ft.  
11.71 xVF

Date Monitored: 6-4-04 Well Condition: o.k.

Volume	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
Factor (VF)	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

0.17 = 1.99 x3 case volume = Estimated Purge Volume: 6 gal.

Purge Equipment:  
 Disposable Bailer   
 Stainless Steel Bailer \_\_\_\_\_  
 Stack Pump \_\_\_\_\_  
 Suction Pump \_\_\_\_\_  
 Grundfos \_\_\_\_\_  
 Other: \_\_\_\_\_

Sampling Equipment:  
 Disposable Bailer   
 Pressure Bailer \_\_\_\_\_  
 Discrete Bailer \_\_\_\_\_  
 Other: \_\_\_\_\_

Time Started: \_\_\_\_\_ (2400 hrs)  
 Time Bailed: \_\_\_\_\_ (2400 hrs)  
 Depth to Product: \_\_\_\_\_ ft  
 Depth to Water: \_\_\_\_\_ ft  
 Hydrocarbon Thickness: 0 ft  
 Visual Confirmation/Description:  
 Skimmer / Absorbant Sock (circle one)  
 Amt Removed from Skimmer: \_\_\_\_\_ gal  
 Amt Removed from Well: \_\_\_\_\_ gal  
 Water Removed: \_\_\_\_\_  
 Product Transferred to: \_\_\_\_\_

Start Time (purge): 0850 Weather Conditions: Overcast  
 Sample Time/Date: 0920/6-4-04 Water Color: Clear Odor: No  
 Purging Flow Rate: \_\_\_\_\_ gpm. Sediment Description: \_\_\_\_\_  
 Did well de-water? NO If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (C/F)	D.O. (mg/L)	ORP (mV)
<u>0856</u>	<u>2</u>	<u>7.22</u>	<u>1052</u>	<u>22.7</u>		
<u>0900</u>	<u>4</u>	<u>7.16</u>	<u>1041</u>	<u>22.5</u>		
<u>0905</u>	<u>6</u>	<u>7.15</u>	<u>1034</u>	<u>22.5</u>		

### LABORATORY INFORMATION

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

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

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

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



# GETTLER-RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-4816 Job Number: 386504  
 Site Address: 301 14Th Street Event Date: 6-4-04 (inclusive)  
 City: Oakland, CA Sampler: Joe & Greg

Well ID: C-2 Date Monitored: 6-4-04 Well Condition: Ok  
 Well Diameter: 2 1/4 in.  
 Total Depth: 26.03 ft.  
 Depth to Water: 20.51 ft.  
5.52 xVF 0.17 = 0.94 x3 case volume = Estimated Purge Volume: 3 gal.

Volume	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
Factor (VF)	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

Purge Equipment:  
 Disposable Bailer   
 Stainless Steel Bailer \_\_\_\_\_  
 Stack Pump \_\_\_\_\_  
 Suction Pump \_\_\_\_\_  
 Grundfos \_\_\_\_\_  
 Other: \_\_\_\_\_

Sampling Equipment:  
 Disposable Bailer   
 Pressure Bailer \_\_\_\_\_  
 Discrete Bailer \_\_\_\_\_  
 Other: \_\_\_\_\_

Time Started: \_\_\_\_\_ (2400 hrs)  
 Time Bailed: \_\_\_\_\_ (2400 hrs)  
 Depth to Product: \_\_\_\_\_ ft  
 Depth to Water: \_\_\_\_\_ ft  
 Hydrocarbon Thickness: 0 ft  
 Visual Confirmation/Description:  
 Skimmer / Absorbant Sock (circle one)  
 Amt Removed from Skimmer: \_\_\_\_\_ gal  
 Amt Removed from Well: \_\_\_\_\_ gal  
 Water Removed: \_\_\_\_\_  
 Product Transferred to: \_\_\_\_\_

Start Time (purge): 0845 Weather Conditions: Foggy  
 Sample Time/Date: 0912/6-4-04 Water Color: clear Odor: none  
 Purging Flow Rate: 0.6 gpm. Sediment Description: \_\_\_\_\_  
 Did well de-water? \_\_\_\_\_ If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (u mhos/cm)	Temperature (C/F)	D.O. (mg/L)	ORP (mV)
<u>0853</u>	<u>1</u>	<u>7.65</u>	<u>5.51</u>	<u>63.6</u>		
<u>0856</u>	<u>2</u>	<u>7.58</u>	<u>5.19</u>	<u>63.5</u>		
<u>0859</u>	<u>3</u>	<u>7.54</u>	<u>5.29</u>	<u>63.7</u>		

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>C-2</u>	<u>6</u> x voa vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8260)/ 8 OXYS(8260)

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

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



# GETTLER-RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-4816 Job Number: 386504  
 Site Address: 301 14Th Street Event Date: 6-4-04 (inclusive)  
 City: Oakland, CA Sampler: Joe + Greg

Well ID: C-3 Date Monitored: 6-4-04 Well Condition: o.k.  
 Well Diameter: (2) 4 in.  
 Total Depth: 29.34 ft.  
 Depth to Water: 21.00 ft.  
8.34 xVF 0.17 = 1.41 x3 case volume = Estimated Purge Volume: 4.5 gal.

Volume	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
Factor (VF)	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

Purge Equipment:  
 Disposable Bailer   
 Stainless Steel Bailer \_\_\_\_\_  
 Stack Pump \_\_\_\_\_  
 Suction Pump \_\_\_\_\_  
 Grundfos \_\_\_\_\_  
 Other: \_\_\_\_\_

Sampling Equipment:  
 Disposable Bailer   
 Pressure Bailer \_\_\_\_\_  
 Discrete Bailer \_\_\_\_\_  
 Other: \_\_\_\_\_

Time Started: \_\_\_\_\_ (2400 hrs)  
 Time Bailed: \_\_\_\_\_ (2400 hrs)  
 Depth to Product: \_\_\_\_\_ ft  
 Depth to Water: \_\_\_\_\_ ft  
 Hydrocarbon Thickness: \_\_\_\_\_ ft  
 Visual Confirmation/Description:  
 Skimmer / Absorbant Sock (circle one)  
 Amt Removed from Skimmer: \_\_\_\_\_ gal  
 Amt Removed from Well: \_\_\_\_\_ gal  
 Water Removed: \_\_\_\_\_  
 Product Transferred to: \_\_\_\_\_

Start Time (purge): 1020 Weather Conditions: \_\_\_\_\_  
 Sample Time/Date: 1055 6-4-04 Water Color: clear Odor: yes  
 Purging Flow Rate: \_\_\_\_\_ gpm. Sediment Description: \_\_\_\_\_  
 Did well de-water? No If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (C/F)	D.O. (mg/L)	ORP (mV)
<u>1030</u>	<u>1.5</u>	<u>7.18</u>	<u>1079</u>	<u>22.7</u>	_____	_____
<u>1034</u>	<u>3</u>	<u>7.14</u>	<u>1058</u>	<u>22.6</u>	_____	_____
<u>1040</u>	<u>4.5</u>	<u>7.14</u>	<u>1055</u>	<u>22.7</u>	_____	_____
_____	_____	_____	_____	_____	_____	_____

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>C-3</u>	<u>6 x vov vial</u>	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-G(8015)/BTEX+MTBE(8260)/ 8 OXYS(8260)</u>
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

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

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



# GETTLER - RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-4816 Job Number: 386504  
 Site Address: 301 14Th Street Event Date: 6-4-04 (inclusive)  
 City: Oakland, CA Sampler: Joe & Greg

Well ID: C-4 Date Monitored: 6-4-04 Well Condition: o.k.  
 Well Diameter: 21.4 in.  
 Total Depth: 30.83 ft.  
 Depth to Water: 21.26 ft.  
 $9.57 \times VF \ 0.17 = 1.63 \times 3 \text{ case volume} = \text{Estimated Purge Volume: } 5 \text{ gal.}$

Volume	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
Factor (VF)	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

Purge Equipment:  
 Disposable Bailer   
 Stainless Steel Bailer \_\_\_\_\_  
 Stack Pump \_\_\_\_\_  
 Suction Pump \_\_\_\_\_  
 Grundfos \_\_\_\_\_  
 Other: \_\_\_\_\_

Sampling Equipment:  
 Disposable Bailer   
 Pressure Bailer \_\_\_\_\_  
 Discrete Bailer \_\_\_\_\_  
 Other: \_\_\_\_\_

Time Started: \_\_\_\_\_ (2400 hrs)  
 Time Bailed: \_\_\_\_\_ (2400 hrs)  
 Depth to Product: \_\_\_\_\_ ft  
 Depth to Water: \_\_\_\_\_ ft  
 Hydrocarbon Thickness: 0 ft  
 Visual Confirmation/Description: \_\_\_\_\_  
 Skimmer / Absorbant Sock (circle one)  
 Amt Removed from Skimmer: \_\_\_\_\_ gal  
 Amt Removed from Well: \_\_\_\_\_ gal  
 Water Removed: \_\_\_\_\_  
 Product Transferred to: \_\_\_\_\_

Start Time (purge): 0935 Weather Conditions: Foggy  
 Sample Time/Date: 100210-4-04 Water Color: clear Odor: none  
 Purging Flow Rate: 0.5 gpm. Sediment Description: \_\_\_\_\_  
 Did well de-water? \_\_\_\_\_ If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (u mhos/cm) <sup>x1.50</sup>	Temperature (C/F)	D.O. (mg/L)	ORP (mV)
<u>0945</u>	<u>1.5</u>	<u>7.19</u>	<u>6.62</u>	<u>65.2</u>	_____	_____
<u>0949</u>	<u>3</u>	<u>7.30</u>	<u>6.57</u>	<u>65.0</u>	_____	_____
<u>0953</u>	<u>5</u>	<u>7.31</u>	<u>6.51</u>	<u>64.7</u>	_____	_____
_____	_____	_____	_____	_____	_____	_____

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>C-4</u>	<u>6 x voa vial</u>	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-G(8015)/BTEX+MTBE(8260)/ 8 OXYS(8260)</u>
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

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

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



# GETTLER - RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-4816 Job Number: 386504  
 Site Address: 301 14Th Street Event Date: 6-4-04 (inclusive)  
 City: Oakland, CA Sampler: Joe & Greg

Well ID: C-5 Date Monitored: 6-4-04 Well Condition: OK

Well Diameter: (2) 1 4 in.  
 Total Depth: 31.92 ft.  
 Depth to Water: 21.08 ft.  
10.84 xVF 0.17 = 1.84 x3 case volume = Estimated Purge Volume: 5.5 gal.

Volume	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
Factor (VF)	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

Purge Equipment:  
 Disposable Bailor   
 Stainless Steel Bailor \_\_\_\_\_  
 Stack Pump \_\_\_\_\_  
 Suction Pump \_\_\_\_\_  
 Grundfos \_\_\_\_\_  
 Other: \_\_\_\_\_

Sampling Equipment:  
 Disposable Bailor   
 Pressure Bailor \_\_\_\_\_  
 Discrete Bailor \_\_\_\_\_  
 Other: \_\_\_\_\_

Time Started: \_\_\_\_\_ (2400 hrs)  
 Time Bailed: \_\_\_\_\_ (2400 hrs)  
 Depth to Product: \_\_\_\_\_ ft  
 Depth to Water: \_\_\_\_\_ ft  
 Hydrocarbon Thickness: \_\_\_\_\_ ft  
 Visual Confirmation/Description:  
 Skimmer / Absorbant Sock (circle one)  
 Amt Removed from Skimmer: \_\_\_\_\_ gal  
 Amt Removed from Well: \_\_\_\_\_ gal  
 Water Removed: \_\_\_\_\_  
 Product Transferred to: \_\_\_\_\_

Start Time (purge): 0930 Weather Conditions: Overcast  
 Sample Time/Date: 1005 6-4-04 Water Color: Clear Odor: NO  
 Purging Flow Rate: — gpm. Sediment Description: \_\_\_\_\_  
 Did well de-water? NO If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (C/F)	D.O. (mg/L)	ORP (mV)
<u>0935</u>	<u>2</u>	<u>7.26</u>	<u>1063</u>	<u>22.4</u>		
<u>0940</u>	<u>4</u>	<u>7.19</u>	<u>1049</u>	<u>22.5</u>		
<u>0945</u>	<u>5.4</u>	<u>7.21</u>	<u>1052</u>	<u>22.5</u>		

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>C-5</u>	<u>6</u> x voa vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8260)/ 8 OXYS(8260)

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

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





# GETTLER - RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-4816 Job Number: 386504  
 Site Address: 301 14Th Street Event Date: 6-9-04 (inclusive)  
 City: Oakland, CA Sampler: Joe Grey

Well ID: C-6 Date Monitored: 6-9-04 Well Condition: OK  
 Well Diameter: 21.4 in. Volume 3/4"= 0.02 1"= 0.04 2"= 0.17 3"= 0.38  
 Total Depth: 29.18 ft. Factor (VF) 4"= 0.66 5"= 1.02 6"= 1.50 12"= 5.80  
 Depth to Water: 19.61 ft.  
9.57 xVF 0.17 = 1.63 x3 case volume= Estimated Purge Volume: 5 gal.

### Purge Equipment:

Disposable Bailer   
 Stainless Steel Bailer \_\_\_\_\_  
 Stack Pump \_\_\_\_\_  
 Suction Pump \_\_\_\_\_  
 Grundfos \_\_\_\_\_  
 Other: \_\_\_\_\_

### Sampling Equipment:

Disposable Bailer   
 Pressure Bailer \_\_\_\_\_  
 Discrete Bailer \_\_\_\_\_  
 Other: \_\_\_\_\_

Time Started: \_\_\_\_\_ (2400 hrs)  
 Time Bailed: \_\_\_\_\_ (2400 hrs)  
 Depth to Product: \_\_\_\_\_ ft  
 Depth to Water: \_\_\_\_\_ ft  
 Hydrocarbon Thickness: 0 ft  
 Visual Confirmation/Description: \_\_\_\_\_  
 Skimmer / Absorbant Sock (circle one)  
 Amt Removed from Skimmer: \_\_\_\_\_ gal  
 Amt Removed from Well: \_\_\_\_\_ gal  
 Water Removed: \_\_\_\_\_  
 Product Transferred to: \_\_\_\_\_

Start Time (purge): 0710 Weather Conditions: Foggy  
 Sample Time/Date: 0735 6-9-04 Water Color: clear Odor: none  
 Purging Flow Rate: 0.5 gpm. Sediment Description: \_\_\_\_\_  
 Did well de-water? \_\_\_\_\_ If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm)	Temperature (C/F)	D.O. (mg/L)	ORP (mV)
<u>0716</u>	<u>1.5</u>	<u>7.26</u>	<u>5.91</u>	<u>65.0</u>		
<u>0720</u>	<u>3</u>	<u>7.30</u>	<u>5.82</u>	<u>64.7</u>		
<u>0724</u>	<u>5</u>	<u>7.31</u>	<u>5.87</u>	<u>64.7</u>		

### LABORATORY INFORMATION

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

### COMMENTS:

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

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



# GETTLER - RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-4816 Job Number: 386504  
 Site Address: 301 14th Street Event Date: 6-4-04 (inclusive)  
 City: Oakland, CA Sampler: Joc & Corey

Well ID: C-7 Date Monitored: 6-4-04 Well Condition: O.K.  
 Well Diameter: 21.4 in.  
 Total Depth: 33.20 ft.  
 Depth to Water: 20.12 ft.  
13.08 x VF 0.17 = 2.22 x3 case volume = Estimated Purge Volume: 6.5 gal.

Volume	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
Factor (VF)	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

Purge Equipment:  
 Disposable Bailer   
 Stainless Steel Bailer \_\_\_\_\_  
 Stack Pump \_\_\_\_\_  
 Suction Pump \_\_\_\_\_  
 Grundfos \_\_\_\_\_  
 Other: \_\_\_\_\_

Sampling Equipment:  
 Disposable Bailer   
 Pressure Bailer \_\_\_\_\_  
 Discrete Bailer \_\_\_\_\_  
 Other: \_\_\_\_\_

Time Started: \_\_\_\_\_ (2400 hrs)  
 Time Bailed: \_\_\_\_\_ (2400 hrs)  
 Depth to Product: \_\_\_\_\_ ft  
 Depth to Water: \_\_\_\_\_ ft  
 Hydrocarbon Thickness: 0 ft  
 Visual Confirmation/Description: \_\_\_\_\_  
 Skimmer / Absorbant Sock (circle one)  
 Amt Removed from Skimmer: \_\_\_\_\_ gal  
 Amt Removed from Well: \_\_\_\_\_ gal  
 Water Removed: \_\_\_\_\_  
 Product Transferred to: \_\_\_\_\_

Start Time (purge): 0622 Weather Conditions: Overcast  
 Sample Time/Date: 0700 / 6-4-04 Water Color: Clear Odor: No  
 Purging Flow Rate: \_\_\_\_\_ gpm. Sediment Description: \_\_\_\_\_  
 Did well de-water? No If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (C/F)	D.O. (mg/L)	ORP (mV)
<u>0628</u>	<u>2</u>	<u>7.29</u>	<u>926</u>	<u>22.6</u>	_____	_____
<u>0639</u>	<u>4</u>	<u>7.21</u>	<u>943</u>	<u>22.5</u>	_____	_____
<u>0650</u>	<u>6.5</u>	<u>7.19</u>	<u>940</u>	<u>22.5</u>	_____	_____
_____	_____	_____	_____	_____	_____	_____

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>C-7</u>	<u>6 x vov vial</u>	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-G(8015)/BTEX+MTBE(8260)/ 8 OXYS(8260)</u>
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

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

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



# GETTLER - RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-4816 Job Number: 386504  
 Site Address: 301 14th Street Event Date: 6-4-04 (inclusive)  
 City: Oakland, CA Sampler: Joe & Greg

Well ID: C-8 Date Monitored: 6-4-04 Well Condition: OK  
 Well Diameter: (2) 4 in.  
 Total Depth: 30.31 ft.  
 Depth to Water: 19.62 ft.  
10.69 xVF 0.17 = 1.82 x3 case volume = Estimated Purge Volume: 5.5 gal.

Volume	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
Factor (VF)	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

Purge Equipment:  
 Disposable Bailer   
 Stainless Steel Bailer \_\_\_\_\_  
 Stack Pump \_\_\_\_\_  
 Suction Pump \_\_\_\_\_  
 Grundfos \_\_\_\_\_  
 Other: \_\_\_\_\_

Sampling Equipment:  
 Disposable Bailer   
 Pressure Bailer \_\_\_\_\_  
 Discrete Bailer \_\_\_\_\_  
 Other: \_\_\_\_\_

Time Started: \_\_\_\_\_ (2400 hrs)  
 Time Bailed: \_\_\_\_\_ (2400 hrs)  
 Depth to Product: \_\_\_\_\_ ft  
 Depth to Water: \_\_\_\_\_ ft  
 Hydrocarbon Thickness: 0 ft  
 Visual Confirmation/Description:  
 Skimmer / Absorbant Sock (circle one)  
 Amt Removed from Skimmer: \_\_\_\_\_ gal  
 Amt Removed from Well: \_\_\_\_\_ gal  
 Water Removed: \_\_\_\_\_  
 Product Transferred to: \_\_\_\_\_

Start Time (purge): 0755 Weather Conditions: Foggy  
 Sample Time/Date: 0830 6-4-04 Water Color: clear Odor: none  
 Purging Flow Rate: 0.5 gpm. Sediment Description: \_\_\_\_\_  
 Did well de-water? \_\_\_\_\_ If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (u mhos/cm)	Temperature (C/F)	D.O. (mg/L)	ORP (mV)
<u>0812</u>	<u>1.5</u>	<u>7.56</u>	<u>4.47</u>	<u>63.7</u>		
<u>0816</u>	<u>3</u>	<u>7.50</u>	<u>4.51</u>	<u>64.0</u>		
<u>0819</u>	<u>5.5</u>	<u>7.54</u>	<u>4.52</u>	<u>63.8</u>		

### LABORATORY INFORMATION

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

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

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



# GETTLER - RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-4816 Job Number: 386504  
 Site Address: 301 14Th Street Event Date: 6-4-04 (inclusive)  
 City: Oakland, CA Sampler: Joe & Greg

Well ID: C-9 Date Monitored: 6-4-04 Well Condition: o.k.  
 Well Diameter: 21.4 in.  
 Total Depth: 33.72 ft.  
 Depth to Water: 19.74 ft.  
13.98 xVF, 0.17 = 237 x3 case volume = Estimated Purge Volume: 7 gal.

Volume	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
Factor (VF)	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

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

**Sampling Equipment:**  
 Disposable Bailer   
 Pressure Bailer \_\_\_\_\_  
 Discrete Bailer \_\_\_\_\_  
 Other: \_\_\_\_\_

Time Started: \_\_\_\_\_ (2400 hrs)  
 Time Bailed: \_\_\_\_\_ (2400 hrs)  
 Depth to Product: \_\_\_\_\_ ft  
 Depth to Water: \_\_\_\_\_ ft  
 Hydrocarbon Thickness: 0 ft  
 Visual Confirmation/Description: \_\_\_\_\_  
 Skimmer / Absorbant Sock (circle one)  
 Amt Removed from Skimmer: \_\_\_\_\_ gal  
 Amt Removed from Well: \_\_\_\_\_ gal  
 Water Removed: \_\_\_\_\_  
 Product Transferred to: \_\_\_\_\_

Start Time (purge): 0800 Weather Conditions: overcast  
 Sample Time/Date: 084016-4-04 Water Color: clear Odor: No  
 Purging Flow Rate: \_\_\_\_\_ gpm. Sediment Description: \_\_\_\_\_  
 Did well de-water? No If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (C/F)	D.O. (mg/L)	ORP (mV)
<u>0806</u>	<u>2</u>	<u>7.19</u>	<u>971</u>	<u>22.4</u>		
<u>0812</u>	<u>4</u>	<u>7.21</u>	<u>964</u>	<u>22.5</u>		
<u>0825</u>	<u>7</u>	<u>7.17</u>	<u>965</u>	<u>22.5</u>		

### LABORATORY INFORMATION

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

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

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



# GETTLER - RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-4816 Job Number: 386504  
 Site Address: 301 14Th Street Event Date: 6-4-04 (inclusive)  
 City: Oakland, CA Sampler: Joe & Greg

Well ID: MW-10 Date Monitored: 6-4-04 Well Condition: OK  
 Well Diameter: 214 in.  
 Total Depth: 33.97 ft.  
 Depth to Water: 19.49 ft.  
14.48 xVF 0.17 = 2.46 x3 case volume = Estimated Purge Volume: 7 gal.

Volume	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
Factor (VF)	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

**Purge Equipment:**  
 Disposable Bailor   
 Stainless Steel Bailor \_\_\_\_\_  
 Stack Pump \_\_\_\_\_  
 Suction Pump \_\_\_\_\_  
 Grundfos \_\_\_\_\_  
 Other: \_\_\_\_\_

**Sampling Equipment:**  
 Disposable Bailor   
 Pressure Bailor \_\_\_\_\_  
 Discrete Bailor \_\_\_\_\_  
 Other: \_\_\_\_\_

Time Started: \_\_\_\_\_ (2400 hrs)  
 Time Bailed: \_\_\_\_\_ (2400 hrs)  
 Depth to Product: \_\_\_\_\_ ft  
 Depth to Water: \_\_\_\_\_ ft  
 Hydrocarbon Thickness: \_\_\_\_\_ ft  
 Visual Confirmation/Description: \_\_\_\_\_  
 Skimmer / Absorbant Sock (circle one)  
 Amt Removed from Skimmer: \_\_\_\_\_ gal  
 Amt Removed from Well: \_\_\_\_\_ gal  
 Water Removed: \_\_\_\_\_  
 Product Transferred to: \_\_\_\_\_

Start Time (purge): 0710 Weather Conditions: overcast  
 Sample Time/Date: 0750/6-4-04 Water Color: Clear Odor: No  
 Purging Flow Rate: \_\_\_\_\_ gpm. Sediment Description: \_\_\_\_\_  
 Did well de-water? No If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (C/F)	D.O. (mg/L)	ORP (mV)
<u>0716</u>	<u>2</u>	<u>7.17</u>	<u>974</u>	<u>22.5</u>	_____	_____
<u>0722</u>	<u>6</u>	<u>7.25</u>	<u>967</u>	<u>22.4</u>	_____	_____
<u>0735</u>	<u>7</u>	<u>7.19</u>	<u>965</u>	<u>22.5</u>	_____	_____
_____	_____	_____	_____	_____	_____	_____

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-10</u>	<u>6</u> x vov vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8260)/ 8 OXYS(8260)
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

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

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



# GETTLER-RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-4816 Job Number: 386504  
 Site Address: 301 14th Street Event Date: 6-4-04 (inclusive)  
 City: Oakland, CA Sampler: Joe & Greg

Well ID: MW-11 Date Monitored: 6-4-04 Well Condition: OK  
 Well Diameter: 21.4 in. Total Depth: 28.38 ft.  
 Depth to Water: 20.05 ft.  
 $8.33 \times VF \ 0.17 = 1.42 \times 3 \text{ case volume} = \text{Estimated Purge Volume: } 4.5 \text{ gal.}$

Volume Factor (VF)	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

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

**Sampling Equipment:**  
 Disposable Bailer   
 Pressure Bailer \_\_\_\_\_  
 Discrete Bailer \_\_\_\_\_  
 Other: \_\_\_\_\_

Time Started: \_\_\_\_\_ (2400 hrs)  
 Time Bailed: \_\_\_\_\_ (2400 hrs)  
 Depth to Product: \_\_\_\_\_ ft  
 Depth to Water: \_\_\_\_\_ ft  
 Hydrocarbon Thickness: 0 ft  
 Visual Confirmation/Description: \_\_\_\_\_  
 Skimmer / Absorbant Sock (circle one)  
 Amt Removed from Skimmer: \_\_\_\_\_ gal  
 Amt Removed from Well: \_\_\_\_\_ gal  
 Water Removed: \_\_\_\_\_  
 Product Transferred to: \_\_\_\_\_

Start Time (purge): 0620 Weather Conditions: Foggy  
 Sample Time/Date: 0645 / 6-4-04 Water Color: clear Odor: none  
 Purging Flow Rate: 0.5 gpm. Sediment Description: \_\_\_\_\_  
 Did well de-water? \_\_\_\_\_ If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (C/F)	D.O. (mg/L)	ORP (mV)
<u>0628</u>	<u>1.5</u>	<u>7.37</u>	<u>8.04</u>	<u>63.2</u>		
<u>0632</u>	<u>3</u>	<u>7.42</u>	<u>7.31</u>	<u>63.9</u>		
<u>0635</u>	<u>4.5</u>	<u>7.45</u>	<u>7.32</u>	<u>64.0</u>		

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-11</u>	<u>6</u> x voa vial	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-G(8015)/BTEX+MTBE(8260)/ 8 OXYS(8260)</u>

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

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



# GETTLER-RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-4816 Job Number: 386504  
 Site Address: 301 14Th Street Event Date: 6-4-04 (inclusive)  
 City: Oakland, CA Sampler: Joe + Greg

Well ID: CR-1 Date Monitored: 6-4-04 Well Condition: O.K.  
 Well Diameter: 21(4) in.  
 Total Depth: 30.64 ft.  
 Depth to Water: 21.06 ft.  
9.58 xVF 0.66 = 6.32 x3 case volume = Estimated Purge Volume: 20 gal.

Volume	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
Factor (VF)	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

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

**Sampling Equipment:**  
 Disposable Bailer  \_\_\_\_\_  
 Pressure Bailer \_\_\_\_\_  
 Discrete Bailer \_\_\_\_\_  
 Other: \_\_\_\_\_

Time Started: \_\_\_\_\_ (2400 hrs)  
 Time Bailed: \_\_\_\_\_ (2400 hrs)  
 Depth to Product: \_\_\_\_\_ ft  
 Depth to Water: \_\_\_\_\_ ft  
 Hydrocarbon Thickness: 0 ft  
 Visual Confirmation/Description: \_\_\_\_\_  
 Skimmer / Absorbant Sock (circle one)  
 Amt Removed from Skimmer: \_\_\_\_\_ gal  
 Amt Removed from Well: \_\_\_\_\_ gal  
 Water Removed: \_\_\_\_\_  
 Product Transferred to: \_\_\_\_\_

Start Time (purge): 1015 Weather Conditions: Foggy  
 Sample Time/Date: 104816-4.04 Water Color: clear Odor: yes  
 Purging Flow Rate: 2 gpm. Sediment Description: \_\_\_\_\_  
 Did well de-water? \_\_\_\_\_ If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm) <sup>x1500</sup>	Temperature (C/F)	D.O. (mg/L)	ORP (mV)
<u>1027</u>	<u>6</u>	<u>6.87</u>	<u>0.25</u>	<u>69.8</u>	_____	_____
<u>1031</u>	<u>13</u>	<u>6.86</u>	<u>0.39</u>	<u>70.3</u>	_____	_____
<u>1035</u>	<u>20</u>	<u>6.84</u>	<u>0.42</u>	<u>70.4</u>	_____	_____
_____	_____	_____	_____	_____	_____	_____

### LABORATORY INFORMATION

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

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

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

# Chevron California Region Analysis Request/Chain of Custody



060404-05

Acct. #: 10904

For Lancaster Laboratories use only  
Sample #: 4287178-90

SCR#: 898767

Facility #: <u>SS#9-4816 G-R#386504 GLOBAL ID# T0600100327</u> Site Address: <u>301 14th Street, Oakland, CA</u> Chevron PM: <u>KS</u> Lead Consultant: <u>CAMBRIATS</u> Consultant/Office: <u>G-R Inc, 6747 Sierra Ct, Dublin, CA 94568</u> Consultant Prj. Mgr.: <u>Deanna L. Harding deanna@grinc.com</u> Consultant Phone #: <u>925-551-7555</u> Fax #: <u>925-551-7899</u> Sampler: <u>JOE ASEMIAN + GREG ROGERS</u> Service Order #: _____ <input type="checkbox"/> Non SAR: _____			<b>Matrix</b> Soil <input type="checkbox"/> Potable <input type="checkbox"/> Water <input type="checkbox"/> NPDES <input type="checkbox"/> Oil <input type="checkbox"/> Air <input type="checkbox"/>		<b>Analyses Requested</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="8">Preservation Codes</th> </tr> <tr> <td>H</td><td>H</td><td></td><td>H</td><td></td><td></td><td></td><td></td> </tr> <tr> <td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td> </tr> <tr> <td>BTEX + MTBE 8260 <input type="checkbox"/> 8021 <input type="checkbox"/></td> <td>TPH 8015 MOD GRO <input type="checkbox"/></td> <td>TPH 8015 MOD DRO <input type="checkbox"/></td> <td>Silica Gel Cleanup <input type="checkbox"/></td> <td>8260 full scan <input type="checkbox"/></td> <td>Oxygenates (8260) <input type="checkbox"/></td> <td>Lead 7420 <input type="checkbox"/></td> <td>7421 <input type="checkbox"/></td> </tr> </table>								Preservation Codes								H	H		H					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	BTEX + MTBE 8260 <input type="checkbox"/> 8021 <input type="checkbox"/>	TPH 8015 MOD GRO <input type="checkbox"/>	TPH 8015 MOD DRO <input type="checkbox"/>	Silica Gel Cleanup <input type="checkbox"/>	8260 full scan <input type="checkbox"/>	Oxygenates (8260) <input type="checkbox"/>	Lead 7420 <input type="checkbox"/>	7421 <input type="checkbox"/>	<b>Preservative Codes</b> H = HCl T = Thiosulfate N = HNO <sub>3</sub> B = NaOH S = H <sub>2</sub> SO <sub>4</sub> O = Other  <input type="checkbox"/> J value reporting needed <input checked="" type="checkbox"/> Must meet lowest detection limits possible for 8260 compounds  8021 MTBE Confirmation <input type="checkbox"/> Confirm highest hit by 8260 <input type="checkbox"/> Confirm all hits by 8260 <input type="checkbox"/> Run ___ oxy s on highest hit <input type="checkbox"/> Run ___ oxy s on all hits	
Preservation Codes																																														
H	H		H																																											
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																																							
BTEX + MTBE 8260 <input type="checkbox"/> 8021 <input type="checkbox"/>	TPH 8015 MOD GRO <input type="checkbox"/>	TPH 8015 MOD DRO <input type="checkbox"/>	Silica Gel Cleanup <input type="checkbox"/>	8260 full scan <input type="checkbox"/>	Oxygenates (8260) <input type="checkbox"/>	Lead 7420 <input type="checkbox"/>	7421 <input type="checkbox"/>																																							
Sample Identification		Date Collected	Time Collected	Grab	Composite	Soil	Water	Oil	Air	Total Number of Containers	8260 full scan	Oxygenates (8260)	Lead 7420	7421	Comments / Remarks																															
QA				<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>			2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																																		
C-1		6-9-04	0920							6	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																																		
C-2			0912							6	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																																		
C-3			1055							6	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																																		
C-4			1002							6	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																																		
C-5			1005							6	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																																		
C-6			0735							6	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																																		
C-7			0700							6	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																																		
C-8			0830							6	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																																		
C-9			0840							6	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																																		
CR-1			1048							6	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																																		
MW-10			0750							6	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																																		
MW-11			0845							6	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																																		
<b>Turnaround Time Requested (TAT)</b> (please circle) STD. TAT <input checked="" type="checkbox"/> 24-hour 72 hour <input type="checkbox"/> 48 hour <input type="checkbox"/> 4 day <input type="checkbox"/> 5 day <input type="checkbox"/>						Relinquished by: <u>[Signature]</u> Date: <u>6-9-04</u> Time: <u>1205</u>		Received by: <u>[Signature]</u> Date: <u>6-4-04</u> Time: <u>1205</u>		Relinquished by: <u>[Signature]</u> Date: <u>6-4-04</u> Time: <u>1630</u> Received by: <u>Airborne IDH</u> Date: <u>6-4-04</u> Time: _____  Relinquished by: _____ Date: _____ Time: _____ Received by: _____ Date: _____ Time: _____  Relinquished by Commercial Carrier: UPS <input type="checkbox"/> FedEx <input type="checkbox"/> Other <input type="checkbox"/> Temperature Upon Receipt <u>2</u> °C Received by: <u>[Signature]</u> Date: <u>6/9/04</u> Time: <u>0910</u> Custody Seals Intact? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No																																				
<b>Data Package Options</b> (please circle if required) QC Summary Type I — Full <input type="checkbox"/> Coelt Deliverable not needed Type VI (Raw Data) <input type="checkbox"/> WIP (RWQCB) <input type="checkbox"/> Disk <input type="checkbox"/>						Relinquished by: _____ Date: _____ Time: _____		Received by: _____ Date: _____ Time: _____																																						





# Analysis Report

2425 New Holland Pike, PO Box 18424 Lancaster, PA 17605-2425 \*T17-666-2903 Fax: T17-664-2881 \* www.lancasterlabs.com

## ANALYTICAL RESULTS

Prepared for:

ChevronTexaco  
6001 Bollinger Canyon Rd L4310  
San Ramon CA 94583

925-842-8582

Prepared by:

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

## SAMPLE GROUP

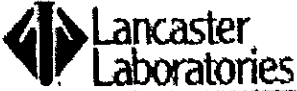
The sample group for this submittal is 898767. Samples arrived at the laboratory on Saturday, June 05, 2004. The PO# for this group is 99011184 and the release number is STREICH.

<u>Client Description</u>			<u>Lancaster Labs Number</u>
QA-T-040604	NA	Water	4287178
C-1-W-040604	Grab	Water	4287179
C-2-W-040604	Grab	Water	4287180
C-3-W-040604	Grab	Water	4287181
C-4-W-040604	Grab	Water	4287182
C-5-W-040604	Grab	Water	4287183
C-6-W-040604	Grab	Water	4287184
C-7-W-040604	Grab	Water	4287185
C-8-W-040604	Grab	Water	4287186
C-9-W-040604	Grab	Water	4287187
CR-1-W-040604	Grab	Water	4287188
MW-10-W-040604	Grab	Water	4287189
MW-11-W-040604	Grab	Water	4287190

1 COPY TO  
ELECTRONIC  
COPY TO

Cambria C/O Gettler- Ryan  
Gettler-Ryan

Attn: Deanna L. Harding  
Attn: Cheryl Hansen



## Analysis Report

2425 New Holland Pkwy, PO Box 16425, Lancaster, PA 17305-2425 • T17-656-2300 • Fax: T17-656-2301 • [www.lancasterlabs.com](http://www.lancasterlabs.com)

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

Respectfully Submitted,

A handwritten signature in cursive script that reads "Robin C. Runkle".

Robin C. Runkle  
Senior Chemist



# Analysis Report

2425 New Holland Pk., PO Box 12425, Lancaster, PA 17605-2425 • 717-666-2300 Fax: 717-656-8881 • WWW.LANCASTERLABS.COM

Lancaster Laboratories Sample No. WW 4287178

QA-T-040604 NA Water  
Facility# 94816 Job# 386504 GRD  
301 14th Street-Oakland T0600100327 QA  
Collected: 06/04/2004

Account Number: 10904

Submitted: 06/05/2004 09:10  
Reported: 06/15/2004 at 16:55  
Discard: 07/16/2004

ChevronTexaco  
6001 Rollinger Canyon Rd L4310  
San Ramon CA 94583

14TQA

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	N.D.	50.	ug/l	1
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.						
06054	BTEX+MTBE by 8260B					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.5	ug/l	1

State of California Lab Certification No. 2116

## Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis		Analyst	Dilution Factor
				Date and Time			
01728	TPH-GRO - Waters	N, CA LUFT Gasoline	1	06/07/2004	18:48	Michael F Barrow	1
06054	BTEX+MTBE by 8260B	SW-846 8260B	1	06/10/2004	10:28	Shawn J Rice	1
01146	GC VOA Water Prep	SW-846 5030B	1	06/07/2004	18:48	Michael F Barrow	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	06/10/2004	10:28	Shawn J Rice	n.a.



# Analysis Report

2425 New Holland Pkwy, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2000 Fax: 717-656-2001 • www.lancasterlabs.com

Lancaster Laboratories Sample No. WW 4287179

C-1-W-040604                      Grab                      Water  
 Facility# 94816                      Job# 386504                      GRD  
 301 14th Street-Oakland                      T0600100327                      C-1  
 Collected: 06/04/2004 09:20                      by JA

Account Number: 10904

Submitted: 06/05/2004 09:10  
 Reported: 06/15/2004 at 16:55  
 Discard: 07/16/2004

ChevronTexaco  
 6001 Bollinger Canyon Rd L4310  
 San Ramon CA 94583

14T01

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	N.D.	50.	ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH					
01587	Ethanol	64-17-5	N.D.	50.	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
02011	di-Isopropyl ether	108-20-3	N.D.	0.5	ug/l	1
02013	Ethyl t-butyl ether	637-92-3	N.D.	0.5	ug/l	1
02014	t-Amyl methyl ether	994-05-8	N.D.	0.5	ug/l	1
02015	t-Butyl alcohol	75-65-0	N.D.	5.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.5	ug/l	1
05412	1,2-Dibromoethane	106-93-4	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.5	ug/l	1

The percent recovery for t-amyl methyl ether was outside QC limits high in the LCS associated with this sample. Since the recovery was high and this compound was not detected in the sample, no further action was taken.

State of California Lab Certification No. 2116

## Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01728	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	06/07/2004 19:17	Michael F Barrow	1
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	06/08/2004 20:43	Shawn J Rice	1
01146	GC VOA Water Prep	SW-846 5030B	1	06/07/2004 19:17	Michael F Barrow	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	06/08/2004 20:43	Shawn J Rice	n.a.



# Analysis Report

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-850-2000 Fax: 717-850-2001 • www.lancasterlabs.com

Lancaster Laboratories Sample No. WW 4287180

C-2-W-040604 Grab Water  
Facility# 94816 Job# 386504 GRD  
301 14th Street-Oakland T0600100327 C-2  
Collected: 06/04/2004 09:12 by JA

Account Number: 10904

Submitted: 06/05/2004 09:10  
Reported: 06/15/2004 at 16:55  
Discard: 07/16/2004

ChevronTexaco  
6001 Bollinger Canyon Rd L4310  
San Ramon CA 94583

14T02

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	N.D.	50.	ug/l	1
The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.						
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH					
01587	Ethanol	64-17-5	N.D.	50.	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
02011	di-Isopropyl ether	108-20-3	N.D.	0.5	ug/l	1
02013	Ethyl t-butyl ether	637-92-3	N.D.	0.5	ug/l	1
02014	t-Amyl methyl ether	994-05-8	N.D.	0.5	ug/l	1
02015	t-Butyl alcohol	75-65-0	N.D.	5.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.5	ug/l	1
05412	1,2-Dibromoethane	106-93-4	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.5	ug/l	1
The percent recovery for t-amyl methyl ether was outside QC limits high in the LCS associated with this sample. Since the recovery was high and this compound was not detected in the sample, no further action was taken.						

State of California Lab Certification No. 2116

## Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis		Analyst	Dilution Factor
				Date and Time			
01728	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	06/08/2004 10:21		Michael F Barrow	1
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	06/08/2004 21:09		Shawn J Rice	1
01146	GC VOA Water Prep	SW-846 5030B	1	06/08/2004 10:21		Michael F Barrow	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	06/08/2004 21:09		Shawn J Rice	n.a.



# Analysis Report

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Lancaster Laboratories Sample No. WW 4287181

C-3-W-040604                      Grab                      Water  
 Facility# 94816      Job# 386504                      GRD  
 301 14th Street-Oakland      T0600100327      C-3  
 Collected: 06/04/2004 10:55      by JA

Account Number: 10904

Submitted: 06/05/2004 09:10  
 Reported: 06/15/2004 at 16:55  
 Discard: 07/16/2004

ChevronTexaco  
 6001 Bollinger Canyon Rd L4310  
 San Ramon CA 94583

14T03

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	7,400.	1,000.	ug/l	20
The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.						
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH					
01587	Ethanol	64-17-5	N.D.	200.	ug/l	4
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	2.	ug/l	4
02011	di-Isopropyl ether	108-20-3	N.D.	2.	ug/l	4
02013	Ethyl t-butyl ether	637-92-3	N.D.	2.	ug/l	4
02014	t-Amyl methyl ether	994-05-8	N.D.	2.	ug/l	4
02015	t-Butyl alcohol	75-65-0	N.D.	20.	ug/l	4
05401	Benzene	71-43-2	2,200.	20.	ug/l	40
05402	1,2-Dichloroethane	107-06-2	N.D.	2.	ug/l	4
05407	Toluene	108-88-3	9.	2.	ug/l	4
05412	1,2-Dibromoethane	106-93-4	N.D.	2.	ug/l	4
05415	Ethylbenzene	100-41-4	27.	2.	ug/l	4
06310	Xylene (Total)	1330-20-7	23.	2.	ug/l	4
Due to the level of benzene, the reporting limits for all GC/MS volatile compounds were raised.						

State of California Lab Certification No. 2116

## Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
01728	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	06/08/2004 10:54	Michael F Barrow	20
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	06/11/2004 00:11	Elizabeth M Taylor	4
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	06/11/2004 00:38	Elizabeth M Taylor	40
01146	GC VOA Water Prep	SW-846 5030B	1	06/08/2004 10:54	Michael F Barrow	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	06/11/2004 00:11	Elizabeth M Taylor	n.a.



# Analysis Report

2425 New Holland Pk. PO Box 12425, Lancaster, PA 17605-2425 • 717-665-2300 Fax: 717-656-2801 • www.lancasterlabs.com

Lancaster Laboratories Sample No. WW 4287182

C-4-W-040604                      Grab                      Water  
 Facility# 94816      Job# 386504                      GRD  
 301 14th Street-Oakland      T0600100327      C-4  
 Collected: 06/04/2004 10:02      by JA

Account Number: 10904

Submitted: 06/05/2004 09:10  
 Reported: 06/15/2004 at 16:55  
 Discard: 07/16/2004

ChevronTexaco  
 6001 Bollinger Canyon Rd L4310  
 San Ramon CA 94583

14T04

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	N.D.	50.	ug/l	1
The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.						
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH					
01587	Ethanol	64-17-5	N.D.	50.	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
02011	di-Isopropyl ether	108-20-3	N.D.	0.5	ug/l	1
02013	Ethyl t-butyl ether	637-92-3	N.D.	0.5	ug/l	1
02014	t-Amyl methyl ether	994-05-8	N.D.	0.5	ug/l	1
02015	t-Butyl alcohol	75-65-0	N.D.	5.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.5	ug/l	1
05412	1,2-Dibromoethane	106-93-4	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.5	ug/l	1
The percent recovery for t-amyl methyl ether was outside QC limits high in the LCS associated with this sample. Since the recovery was high and this compound was not detected in the sample, no further action was taken.						

State of California Lab Certification No. 2116

## Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
01728	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	06/08/2004 14:53	Michael F Barrow	1
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	06/08/2004 21:36	Shawn J Rice	1
01146	GC VOA Water Prep	SW-846 5030B	1	06/08/2004 14:53	Michael F Barrow	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	06/08/2004 21:36	Shawn J Rice	n.a.



# Analysis Report

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Lancaster Laboratories Sample No. WW 4287183

C-5-W-040604 Grab Water  
 Facility# 94816 Job# 386504 GRD  
 301 14th Street-Oakland T0600100327 C-5  
 Collected: 06/04/2004 10:05 by JA

Account Number: 10904

Submitted: 06/05/2004 09:10  
 Reported: 06/15/2004 at 16:55  
 Discard: 07/16/2004

ChevronTexaco  
 6001 Bollinger Canyon Rd L4310  
 San Ramon CA 94583

14T05

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	N.D.	50.	ug/l	1
The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.						
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH					
01587	Ethanol	64-17-5	N.D.	50.	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
02011	di-Isopropyl ether	108-20-3	N.D.	0.5	ug/l	1
02013	Ethyl t-butyl ether	637-92-3	N.D.	0.5	ug/l	1
02014	t-Amyl methyl ether	994-05-8	N.D.	0.5	ug/l	1
02015	t-Butyl alcohol	75-65-0	N.D.	5.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.5	ug/l	1
05412	1,2-Dibromoethane	106-93-4	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.5	ug/l	1

The percent recovery for t-amyl methyl ether was outside QC limits high in the LCS associated with this sample. Since the recovery was high and this compound was not detected in the sample, no further action was taken.

State of California Lab Certification No. 2116

## Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01728	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	06/08/2004 15:25	Michael F Barrow	1
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	06/08/2004 22:02	Shawn J Rice	1
01146	GC VOA Water Prep	SW-846 5030B	1	06/08/2004 15:25	Michael F Barrow	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	06/08/2004 22:02	Shawn J Rice	n.a.





# Analysis Report

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17602-2425 • 717-556-2300 Fax: 717-556-2001 • www.lancasterlabs.com

Lancaster Laboratories Sample No. WW 4287184

C-6-W-040604                      Grab                      Water  
Facility# 94816      Job# 386504                      GRD  
301 14th Street-Oakland      T0600100327      C-6  
Collected: 06/04/2004 07:35                      by JA

Account Number: 10904

Submitted: 06/05/2004 09:10  
Reported: 06/15/2004 at 16:55  
Discard: 07/16/2004

ChevronTexaco  
6001 Bollinger Canyon Rd L4310  
San Ramon CA 94583

14T06

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Dilution Factor
				Method	Units	
01728	TPH-GRO - Waters	n.a.	N.D.	Detection Limit 50.	ug/l	1
The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.						
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH					
01587	Ethanol	64-17-5	N.D.	50.	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
02011	di-Isopropyl ether	108-20-3	N.D.	0.5	ug/l	1
02013	Ethyl t-butyl ether	637-92-3	N.D.	0.5	ug/l	1
02014	t-Amyl methyl ether	994-05-8	N.D.	0.5	ug/l	1
02015	t-Butyl alcohol	75-65-0	N.D.	5.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.5	ug/l	1
05412	1,2-Dibromoethane	106-93-4	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.5	ug/l	1
The percent recovery for t-amyl methyl ether was outside QC limits high in the LCS associated with this sample. Since the recovery was high and this compound was not detected in the sample, no further action was taken.						

State of California Lab Certification No. 2116

## Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis		Analyst	Dilution Factor
				Date and Time			
01728	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	06/08/2004 15:58		Michael F Barrow	1
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	06/08/2004 18:03		Shawn J Rice	1
01146	GC VOA Water Prep	SW-846 5030B	1	06/08/2004 15:58		Michael F Barrow	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	06/08/2004 18:03		Shawn J Rice	n.a.



# Analysis Report

2425 New Holland Pk. PO Box 12425, Lancaster, PA 17602-2425 • 717-566-2300 Fax: 717-566-2801 • www.lancasterlabs.com

Lancaster Laboratories Sample No. WW 4287185

C-7-W-040604 Grab Water  
 Facility# 94816 Job# 386504 GRD  
 301 14th Street-Oakland T0600100327 C-7  
 Collected: 06/04/2004 07:00 by JA

Account Number: 10904

Submitted: 06/05/2004 09:10  
 Reported: 06/15/2004 at 16:55  
 Discard: 07/16/2004

ChevronTexaco  
 6001 Bollinger Canyon Rd L4310  
 San Ramon CA 94583

14T07

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	N.D.	50.	ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH					
01587	Ethanol	64-17-5	N.D.	50.	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
02011	di-Isopropyl ether	108-20-3	N.D.	0.5	ug/l	1
02013	Ethyl t-butyl ether	637-92-3	N.D.	0.5	ug/l	1
02014	t-Amyl methyl ether	994-05-8	N.D.	0.5	ug/l	1
02015	t-Butyl alcohol	75-65-0	N.D.	5.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.5	ug/l	1
05412	1,2-Dibromoethane	106-93-4	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.5	ug/l	1
	The percent recovery for t-amyl methyl ether was outside QC limits high in the LCS associated with this sample. Since the recovery was high and this compound was not detected in the sample, no further action was taken.					

State of California Lab Certification No. 2116

## Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01728	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	06/08/2004 16:31	Michael F Barrow	1
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	06/08/2004 18:56	Shawn J Rice	1
01146	GC VOA Water Prep	SW-846 5030B	1	06/08/2004 16:31	Michael F Barrow	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	06/08/2004 18:56	Shawn J Rice	n.a.



# Analysis Report

2425 New Holland Pk. PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2200 Fax: 717-656-2801 • www.lancasterlabs.com

Lancaster Laboratories Sample No. WW 4287186

C-8-W-040604 Grab Water  
Facility# 94816 Job# 386504 GRD  
301 14th Street-Oakland T0600100327 C-8  
Collected:06/04/2004 08:30 by JA

Account Number: 10904

Submitted: 06/05/2004 09:10  
Reported: 06/15/2004 at 16:55  
Discard: 07/16/2004

ChevronTexaco  
6001 Bollinger Canyon Rd L4310  
San Ramon CA 94583

14T08

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	220.	50.	ug/l	1
The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.						
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH					
01587	Ethanol	64-17-5	N.D.	50.	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
02011	di-Isopropyl ether	108-20-3	N.D.	0.5	ug/l	1
02013	Ethyl t-butyl ether	637-92-3	N.D.	0.5	ug/l	1
02014	t-Amyl methyl ether	994-05-8	N.D.	0.5	ug/l	1
02015	t-Butyl alcohol	75-65-0	39.	5.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	0.5	0.5	ug/l	1
05412	1,2-Dibromoethane	106-93-4	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.5	ug/l	1

State of California Lab Certification No. 2116

## Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01728	TPH-GRO - Waters	N. CA LUFT Gasoline	1	06/08/2004 17:03	Michael F Barrow	1
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	06/10/2004 12:00	Shawn J Rice	1
01146	GC VOA Water Prep	SW-846 5030B	1	06/08/2004 17:03	Michael F Barrow	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	06/10/2004 12:00	Shawn J Rice	n.a.



# Analysis Report

2425 New Holland Pk. PO Box 12426, Lancaster, PA 17605-2426 • 717-656-2300 Fax: 717-656-2881 • www.lancasterlabs.com

Lancaster Laboratories Sample No. WW 4287187

C-9-W-040604 Grab Water  
Facility# 94816 Job# 386504 GRD  
301 14th Street-Oakland T0600100327 C-9  
Collected: 06/04/2004 08:40 by JA

Account Number: 10904

Submitted: 06/05/2004 09:10  
Reported: 06/15/2004 at 16:55  
Discard: 07/16/2004

ChevronTexaco  
6001 Bollinger Canyon Rd L4310  
San Ramon CA 94583

14T09

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	N.D.	50.	ug/l	1
The reported concentration of TPH-GRO does not include MTEB or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.						
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH					
01587	Ethanol	64-17-5	N.D.	50.	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
02011	di-Isopropyl ether	108-20-3	N.D.	0.5	ug/l	1
02013	Ethyl t-butyl ether	637-92-3	N.D.	0.5	ug/l	1
02014	t-Amyl methyl ether	994-05-8	N.D.	0.5	ug/l	1
02015	t-Butyl alcohol	75-65-0	N.D.	5.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.5	ug/l	1
05412	1,2-Dibromoethane	106-93-4	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.5	ug/l	1

State of California Lab Certification No. 2116

## Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01728	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	06/08/2004 17:36	Michael F Barrow	1
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	06/10/2004 13:20	Shawn J Rice	1
01146	GC VOA Water Prep	SW-846 5030B	1	06/08/2004 17:36	Michael F Barrow	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	06/10/2004 13:20	Shawn J Rice	n.a.



# Analysis Report

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Lancaster Laboratories Sample No. WW 4287187

C-9-W-040604 Grab Water  
Facility# 94816 Job# 386504 GRD  
301 14th Street-Oakland T0600100327 C-9  
Collected: 06/04/2004 08:40 by JA

Account Number: 10904

Submitted: 06/05/2004 09:10  
Reported: 06/15/2004 at 16:55  
Discard: 07/16/2004

ChevronTexaco  
6001 Bollinger Canyon Rd L4310  
San Ramon CA 94583

14T09

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	N.D.	50.	ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH					
01587	Ethanol	64-17-5	N.D.	50.	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
02011	di-Isopropyl ether	108-20-3	N.D.	0.5	ug/l	1
02013	Ethyl t-butyl ether	637-92-3	N.D.	0.5	ug/l	1
02014	t-Amyl methyl ether	994-05-8	N.D.	0.5	ug/l	1
02015	t-Butyl alcohol	75-65-0	N.D.	5.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.5	ug/l	1
05412	1,2-Dibromoethane	106-93-4	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.5	ug/l	1

State of California Lab Certification No. 2116

## Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01728	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	06/08/2004 17:36	Michael F Barrow	1
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	06/10/2004 13:20	Shawn J Rice	1
01146	GC VOA Water Prep	SW-846 5030B	1	06/08/2004 17:36	Michael F Barrow	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	06/10/2004 13:20	Shawn J Rice	n.a.



# Analysis Report

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Page 1 of 1

Lancaster Laboratories Sample No. WW 4287190

MW-11-W-040604 Grab Water  
Facility# 94816 Job# 386504 GRD  
301 14th Street-Oakland T0600100327 MW-11  
Collected: 06/04/2004 06:45 by JA

Account Number: 10904

Submitted: 06/05/2004 09:10  
Reported: 06/15/2004 at 16:56  
Discard: 07/16/2004

ChevronTexaco  
6001 Bollinger Canyon Rd L4310  
San Ramon CA 94583

14T11

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	N.D.	50.	ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH					
01587	Ethanol	64-17-5	N.D.	50.	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
02011	di-Isopropyl ether	108-20-3	N.D.	0.5	ug/l	1
02013	Ethyl t-butyl ether	637-92-3	N.D.	0.5	ug/l	1
02014	t-Amyl methyl ether	994-05-8	N.D.	0.5	ug/l	1
02015	t-Butyl alcohol	75-65-0	N.D.	5.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.5	ug/l	1
05412	1,2-Dibromoethane	106-93-4	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.5	ug/l	1

State of California Lab Certification No. 2116

## Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01728	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	06/08/2004 19:14	Michael F Barrow	1
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	06/10/2004 14:13	Shawn J Rice	1
01146	GC VOA Water Prep	SW-846 5030B	1	06/08/2004 19:14	Michael F Barrow	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	06/10/2004 14:13	Shawn J Rice	n.a.

Lancaster Laboratories Sample No. WW 4287188

CR-1-W-040604 Grab Water  
 Facility# 94816 Job# 386504 GRD  
 301 14th Street-Oakland T0600100327 CR-1  
 Collected: 06/04/2004 10:48 by JA

Account Number: 10904

Submitted: 06/05/2004 09:10  
 Reported: 06/15/2004 at 16:56  
 Discard: 07/16/2004

ChevronTexaco  
 6001 Bollinger Canyon Rd L4310  
 San Ramon CA 94583

14TCR

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	87.	50.	ug/l	1
The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.						
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH					
01587	Ethanol	64-17-5	N.D.	50.	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
02011	di-Isopropyl ether	108-20-3	N.D.	0.5	ug/l	1
02013	Ethyl t-butyl ether	637-92-3	N.D.	0.5	ug/l	1
02014	t-Amyl methyl ether	994-05-8	N.D.	0.5	ug/l	1
02015	t-Butyl alcohol	75-65-0	N.D.	5.	ug/l	1
05401	Benzene	71-43-2	9.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.5	ug/l	1
05412	1,2-Dibromoethane	106-93-4	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.5	ug/l	1

State of California Lab Certification No. 2116

### Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01728	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	06/08/2004 18:08	Michael F Barrow	1
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	06/10/2004 13:46	Shawn J Rice	1
01146	GC VOA Water Prep	SW-846 5030B	1	06/08/2004 18:08	Michael F Barrow	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	06/10/2004 13:46	Shawn J Rice	n.a.

## Quality Control Summary

Client Name: ChevronTexaco  
Reported: 06/15/04 at 04:56 PM

Group Number: 898767

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

### Laboratory Compliance Quality Control

<u>Analysis Name</u>	<u>Blank Result</u>	<u>Blank MDL</u>	<u>Report Units</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>LCS/LCSD Limits</u>	<u>RPD</u>	<u>RPD Max</u>
Batch number: 04159A08C TPH-GRO - Waters	Sample number(s): 4287178-4287179							
	N.D.	50.	ug/l	113	114	70-130	1	30
Batch number: 04160A07A TPH-GRO - Waters	Sample number(s): 4287180-4287181							
	N.D.	50.	ug/l	99	109	70-130	9	30
Batch number: 04160A07B TPH-GRO - Waters	Sample number(s): 4287182-4287190							
	N.D.	50.	ug/l	99	109	70-130	9	30
Batch number: P041602AB	Sample number(s): 4287179-4287180, 4287182-4287185, 4287189							
Ethanol	N.D.	50.	ug/l	47		46-145		
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	113		77-127		
di-Isopropyl ether	N.D.	0.5	ug/l	116		67-130		
Ethyl t-butyl ether	N.D.	0.5	ug/l	112		74-120		
t-Amyl methyl ether	N.D.	0.5	ug/l	117*		79-113		
t-Butyl alcohol	N.D.	5.	ug/l	94		57-141		
Benzene	N.D.	0.5	ug/l	113		85-117		
1,2-Dichloroethane	N.D.	0.5	ug/l	113		77-132		
Toluene	N.D.	0.5	ug/l	114		85-115		
1,2-Dibromoethane	N.D.	0.5	ug/l	114		81-114		
Ethylbenzene	N.D.	0.5	ug/l	116		82-119		
Xylene (Total)	N.D.	0.5	ug/l	117		84-120		
Batch number: P041621AA	Sample number(s): 4287178							
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	101		77-127		
Benzene	N.D.	0.5	ug/l	103		85-117		
Toluene	N.D.	0.5	ug/l	103		85-115		
Ethylbenzene	N.D.	0.5	ug/l	103		82-119		
Xylene (Total)	N.D.	0.5	ug/l	104		84-120		
Batch number: P041622AA	Sample number(s): 4287186-4287188, 4287190							
Ethanol	N.D.	50.	ug/l	96		46-145		
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	100		77-127		
di-Isopropyl ether	N.D.	0.5	ug/l	102		67-130		
Ethyl t-butyl ether	N.D.	0.5	ug/l	102		74-120		
t-Amyl methyl ether	N.D.	0.5	ug/l	105		79-113		
t-Butyl alcohol	N.D.	5.	ug/l	103		57-141		
Benzene	N.D.	0.5	ug/l	106		85-117		
1,2-Dichloroethane	N.D.	0.5	ug/l	103		77-132		
Toluene	N.D.	0.5	ug/l	105		85-115		
1,2-Dibromoethane	N.D.	0.5	ug/l	103		81-114		
Ethylbenzene	N.D.	0.5	ug/l	105		82-119		
Xylene (Total)	N.D.	0.5	ug/l	105		84-120		

\*- Outside of specification

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



## Quality Control Summary

Client Name: ChevronTexaco

Group Number: 898767

Reported: 06/15/04 at 04:56 PM

### Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCS/D %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: P041624AA	Sample number(s): 4287181							
Ethanol	N.D.	50.	ug/l	88		46-145		
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	104		77-127		
di-Isopropyl ether	N.D.	0.5	ug/l	106		67-130		
Ethyl t-butyl ether	N.D.	0.5	ug/l	106		74-120		
t-Amyl methyl ether	N.D.	0.5	ug/l	109		79-113		
t-Butyl alcohol	N.D.	5.	ug/l	108		57-141		
Benzene	N.D.	0.5	ug/l	107		85-117		
1,2-Dichloroethane	N.D.	0.5	ug/l	108		77-132		
Toluene	N.D.	0.5	ug/l	107		85-115		
1,2-Dibromoethane	N.D.	0.5	ug/l	107		81-114		
Ethylbenzene	N.D.	0.5	ug/l	107		82-119		
Xylene (Total)	N.D.	0.5	ug/l	107		84-120		

### Sample Matrix Quality Control

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: 04159A08C	Sample number(s): 4287178-4287179								
TPH-GRO - Waters	115		63-154						
Batch number: 04160A07A	Sample number(s): 4287180-4287181								
TPH-GRO - Waters	126		63-154						
Batch number: 04160A07B	Sample number(s): 4287182-4287190								
TPH-GRO - Waters	126		63-154						
Batch number: P041602AB	Sample number(s): 4287179-4287180, 4287182-4287185, 4287189								
Ethanol	86	92	41-155	6	30				
Methyl Tertiary Butyl Ether	120	118	69-134	1	30				
di-Isopropyl ether	121	120	75-130	0	30				
Ethyl t-butyl ether	121*	118	78-119	2	30				
t-Amyl methyl ether	124*	123*	77-117	1	30				
t-Butyl alcohol	109	104	51-147	4	30				
Benzene	124	121	83-128	2	30				
1,2-Dichloroethane	122	121	73-136	2	30				
Toluene	124	123	83-127	1	30				
1,2-Dibromoethane	120	117	78-120	2	30				
Ethylbenzene	127	124	82-129	2	30				
Xylene (Total)	125	125	82-130	1	30				
Batch number: P041621AA	Sample number(s): 4287178								
Methyl Tertiary Butyl Ether	105	105	69-134	0	30				
Benzene	111	110	83-128	1	30				
Toluene	112	110	83-127	2	30				
Ethylbenzene	112	109	82-129	3	30				
Xylene (Total)	111	109	82-130	2	30				
Batch number: P041622AA	Sample number(s): 4287186-4287188, 4287190								
Ethanol	69	79	41-155	13	30				
Methyl Tertiary Butyl Ether	106	105	69-134	1	30				
di-Isopropyl ether	110	108	75-130	2	30				

\*- Outside of specification

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

## Quality Control Summary

 Client Name: ChevronTexaco  
 Reported: 06/15/04 at 04:56 PM

Group Number: 898767

### Sample Matrix Quality Control

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Ethyl t-butyl ether	109	107	78-119	2	30				
t-Amyl methyl ether	111	110	77-117	1	30				
t-Butyl alcohol	106	106	51-147	1	30				
Benzene	114	113	83-128	1	30				
1,2-Dichloroethane	111	108	73-136	2	30				
Toluene	114	113	83-127	1	30				
1,2-Dibromoethane	106	105	78-120	1	30				
Ethylbenzene	115	113	82-129	2	30				
Xylene (Total)	112	110	82-130	2	30				
Batch number: P041624AA      Sample number(s): 4287181									
Ethanol	86	100	41-155	15	30				
Methyl Tertiary Butyl Ether	110	107	69-134	3	30				
di-Isopropyl ether	114	110	75-130	3	30				
Ethyl t-butyl ether	113	110	78-119	3	30				
t-Amyl methyl ether	114	113	77-117	1	30				
t-Butyl alcohol	109	107	51-147	2	30				
Benzene	119	116	83-128	2	30				
1,2-Dichloroethane	113	111	73-136	2	30				
Toluene	116	113	83-127	2	30				
1,2-Dibromoethane	110	109	78-120	1	30				
Ethylbenzene	117	115	82-129	2	30				
Xylene (Total)	114	112	82-130	2	30				

### Surrogate Quality Control

 Analysis Name: TPH-GRO - Waters  
 Batch number: 04159A08C  
 Trifluorotoluene-F

4287178	105
4287179	106
Blank	102
LCS	119
LCSD	114
MS	120

Limits: 57-146

 Analysis Name: TPH-GRO - Waters  
 Batch number: 04160A07A  
 Trifluorotoluene-F

4287180	102
4287181	109
Blank	102
LCS	125
LCSD	126
MS	131

Limits: 57-146

\*- Outside of specification

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

## Quality Control Summary

Client Name: ChevronTexaco  
Reported: 06/15/04 at 04:56 PM

Group Number: 898767

### Surrogate Quality Control

Analysis Name: TPH-GRO - Waters  
Batch number: 04160A07B  
Trifluorotoluene-F

4287182	101
4287183	99
4287184	100
4287185	102
4287186	129
4287187	100
4287188	111
4287189	102
4287190	100
Blank	100
LCS	125
LCSD	126
MS	131

Limits: 57-146

Analysis Name: BTEX+5 Oxygenates+EDC+EDB+ETOH  
Batch number: P041602AB

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4287179	110	108	105	105
4287180	109	106	107	106
4287182	108	107	106	106
4287183	108	107	106	107
4287184	109	106	107	106
4287185	107	107	105	106
4287189	108	107	106	105
Blank	109	106	107	105
LCS	107	105	108	106
MS	108	107	107	106
MSD	107	106	108	106

Limits: 81-120      82-112      85-112      83-113

Analysis Name: BTEX+MTBE by 8260B  
Batch number: P041621AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4287178	108	108	107	105
Blank	107	107	106	105
LCS	107	106	107	105
MS	107	106	107	105
MSD	108	106	106	105

Limits: 81-120      82-112      85-112      83-113

Analysis Name: BTEX+5 Oxygenates+EDC+EDB+ETOH  
Batch number: P041622AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4287186	106	107	104	107
4287187	105	107	106	107
4287188	108	108	105	106
4287190	106	107	105	107

\*- Outside of specification

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

## Quality Control Summary

Client Name: ChevronTexaco  
Reported: 06/15/04 at 04:56 PM

Group Number: 898767

### Surrogate Quality Control

Blank	106	107	107	106
LCS	106	105	106	105
MS	107	106	106	108
MSD	106	106	106	105
Limits:	81-120	82-112	85-112	83-113
Analysis Name: BTEX+5 Oxygenates+EDC+EDB+ETOH				
Batch number: P041624AA				
	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4287181	105	106	107	107
Blank	105	107	106	106
LCS	106	106	107	107
MS	106	106	105	106
MSD	107	107	105	107
Limits:	81-120	82-112	85-112	83-113

\*- Outside of specification

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

# Explanation of Symbols and Abbreviations

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

<b>N.D.</b>	none detected	<b>BMQL</b>	Below Minimum Quantitation Level
<b>TNTC</b>	Too Numerous To Count	<b>MPN</b>	Most Probable Number
<b>IU</b>	International Units	<b>CP Units</b>	cobalt-chloroplatinate units
<b>umhos/cm</b>	micromhos/cm	<b>NTU</b>	nephelometric turbidity units
<b>C</b>	degrees Celsius	<b>F</b>	degrees Fahrenheit
<b>meq</b>	milliequivalents	<b>lb.</b>	pound(s)
<b>g</b>	gram(s)	<b>kg</b>	kilogram(s)
<b>ug</b>	microgram(s)	<b>mg</b>	milligram(s)
<b>ml</b>	milliliter(s)	<b>l</b>	liter(s)
<b>m3</b>	cubic meter(s)	<b>ul</b>	microliter(s)
<b>&lt;</b>	less than - The number following the sign is the <u>limit of quantitation</u> , the smallest amount of analyte which can be reliably determined using this specific test.		
<b>&gt;</b>	greater than		
<b>J</b>	estimated value – The result is $\geq$ the Method Detection Limit (MDL) and $<$ the Limit of Quantitation (LOQ).		
<b>ppm</b>	parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.		
<b>ppb</b>	parts per billion		
<b>Dry weight basis</b>	Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.		

## U.S. EPA CLP Data Qualifiers:

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

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

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

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

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