

Environmental Management
Company
6001 Bollinger Canyon Rd, K2256
P.O. Box 6012
San Ramon, CA 94583-2324
Tel 925-842-1589
Fax 925-842-8370

Karen Streich
Project Manager

Re 475 ✓

ChevronTexaco

November 3, 2004

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

Alameda County
NOV 05 2004
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

Re: Chevron Service Station # 9-6991

Address: 2920 Castro Valley Blvd., Castro Valley, California

I have reviewed the attached routine groundwater monitoring report dated October 15, 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

October 15, 2004
G-R #385296

TO: Mr. Robert Foss
Cambria Environmental Technology, Inc.
5900 Hollis Street, Suite A
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: **Chevron Service Station
#9-6991
2920 Castro Valley Boulevard
Castro Valley, California**

WE HAVE ENCLOSED THE FOLLOWING:

COPIES	DATED	DESCRIPTION
1	October 15 2004	Groundwater Monitoring and Sampling Report Second Quarter - Event of June 28, 2004 and Third Quarter - Event of September 13, 2004

COMMENTS:

This report is being sent for your review. Please provide any comments/changes and propose any groundwater monitoring modifications for the next event prior to **November 2, 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. Chuck Headlee, RWQCB-San Francisco Bay Region, 1515 Clay Street, Oakland, CA 94612
K & K Petroleum, (Property Owner), 2920 Castro Valley Blvd., Castro Valley, CA 94546

Enclosures

trans/9-6991-ks



GETTLER - RYAN INC.

October 15, 2004
G-R Job #385296

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

**RE: Second Quarter Event of June 28, 2004
Third Quarter Event of September 13, 2004**
Groundwater Monitoring & Sampling Report
Chevron Service Station #9-6991
2920 Castro Valley Boulevard
Castro Valley, California

Dear Ms. Streich:

This report documents the most recent groundwater monitoring and sampling events 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).

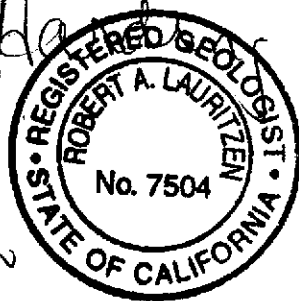
Static groundwater levels were measured and the wells were checked for the presence of separate-phase hydrocarbons. Static water level data, groundwater elevations, and separate-phase hydrocarbon thickness (if any) are presented in the attached Table 1. Potentiometric Maps are included as Figures 1 and 2.

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.

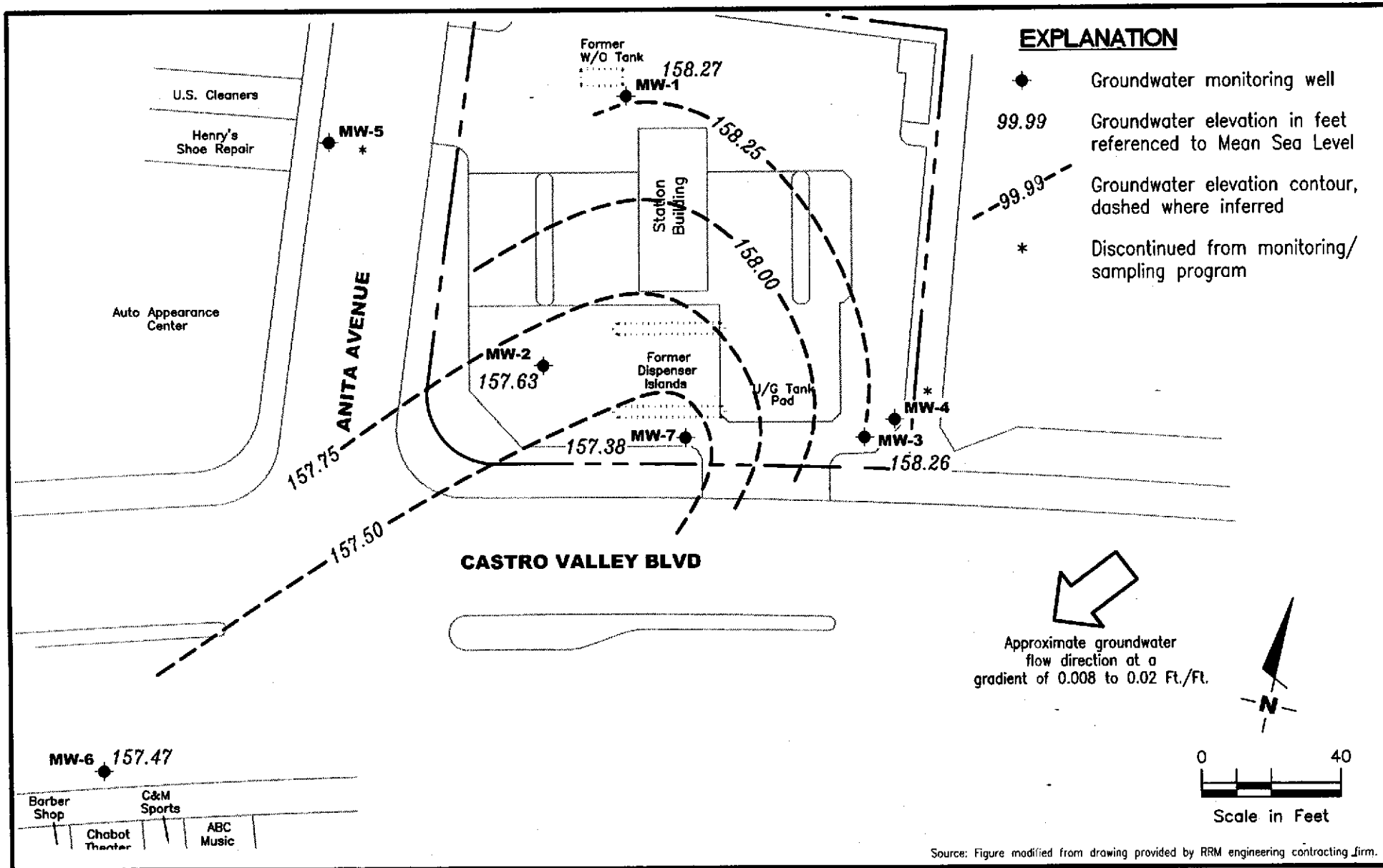
Sincerely,

Deanna L. Harding
Project Coordinator



Robert A. Lauritzen
Senior Geologist, R.G. No. 7504

Figure 1: Potentiometric Map - June 28, 2004
Figure 2: Potentiometric Map - September 13, 2004
Table 1: Groundwater Monitoring Data and Analytical Results
Attachments: Standard Operating Procedure - Groundwater Sampling
Field Data Sheets
Chain of Custody Document and Laboratory Analytical Reports

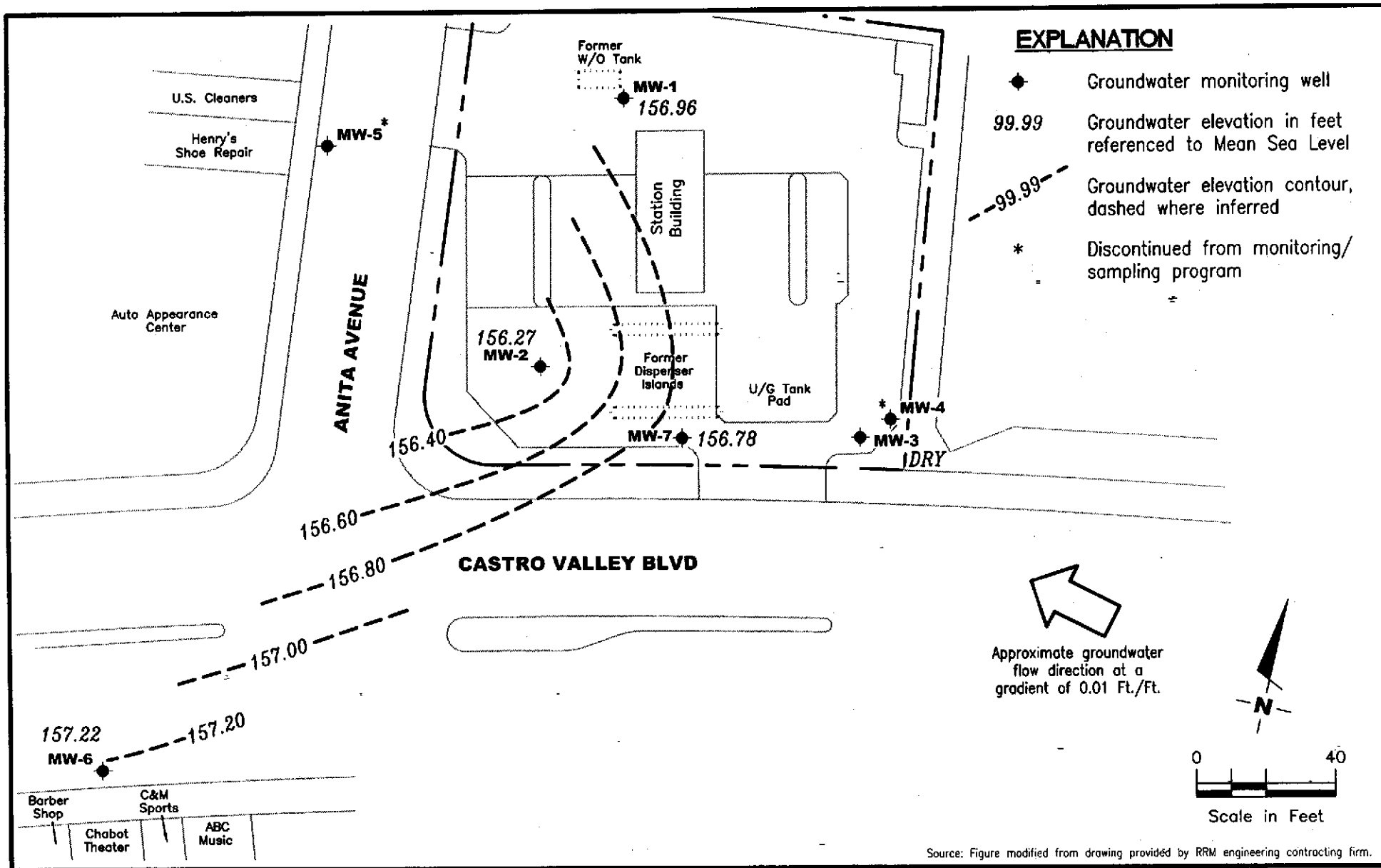


GETTLER - RYAN INC.
 6747 Sierra Ct., Suite J
 Dublin, CA 94568 (925) 551-7555

POTENTIOMETRIC MAP
 Chevron Service Station #9-6991
 2920 Castro Valley Boulevard
 Castro Valley, California

FIGURE
1

PROJECT NUMBER: 385296 REVIEWED BY: DATE: June 28, 2004 REVISED DATE:



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

POTENTIOMETRIC MAP
 Chevron Service Station #9-6991
 2920 Castro Valley Boulevard
 Castro Valley, California

FIGURE
2

PROJECT NUMBER
 385296

REVIEWED BY

DATE
 September 13, 2004

REVISED DATE

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-6991
2920 Castro Valley Boulevard
Castro Valley, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)	ETHANOL (ppb)
MW-1												
10/08/91	169.30	158.20	11.10	--	230	45	<0.5	0.9	9.1	--	<5,000	--
11/04/91	169.30	158.27	11.03	--	340	120	<0.5	<0.5	6.1	--	--	--
12/04/91	169.30	158.25	11.05	170	<50	3.9	<0.5	<0.5	<0.5	--	<5,000	--
06/05/92	169.30	158.26	11.04	<50	100	26	0.6	0.5	1.0	--	--	--
10/27/92	169.30	158.20	11.10	54	<50	11	<0.5	<0.5	<0.5	--	--	--
12/30/92	169.30	--	--	170	<50	24	<0.5	<0.5	<0.5	--	--	--
01/27/93	169.30	158.67	10.63	--	--	--	--	--	--	--	--	--
03/05/93	169.30	--	--	<50	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
03/17/93	169.30	158.59	10.71	--	--	--	--	--	--	--	--	--
06/18/93	169.30	158.29	11.01	<50	<50	0.6	<0.5	<0.5	<1.5	--	--	--
09/28/93	169.30	157.35	11.95	<50	<50	0.8	<0.5	<0.5	<1.5	--	--	--
12/30/93	169.30	158.34	10.96	<50	<50	8.5	<0.5	<0.5	<0.5	--	--	--
04/07/94	169.30	158.49	10.81	<10	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
05/31/94	169.30	158.38	10.92	<50	<50	1.0	<0.5	<0.5	<0.5	--	--	--
09/23/94	169.30	158.40	10.90	<50	<50	1.3	<0.5	<0.5	<0.5	--	--	--
11/30/94	169.30	158.76	10.54	570 ²	<50	8.9	<0.5	<0.5	<0.5	--	--	--
03/30/95	169.30	158.60	10.70	110 ¹	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
06/06/95	169.30	158.38	10.92	570 ¹	61	15	<0.5	<0.5	<0.5	--	--	--
09/25/95	169.30	158.30	11.00	550 ¹	<50	4.7	<0.5	<0.5	<0.5	--	--	--
12/28/95	169.30	158.50	10.80	330 ¹	72	9.1	0.65	<0.5	<0.5	6.0	--	--
03/05/96	169.30	159.20	10.10	780 ¹	<50	7.8	<0.5	<0.5	<0.5	<2.5	--	--
09/13/96	169.30	158.28	11.02	SAMPLED ANNUALLY			--	--	--	--	--	--
12/19/96	169.30	158.08	11.22	--	--	--	--	--	--	--	--	--
03/20/97	169.30	158.40	10.90	350 ¹	<50	2.2	<0.5	<0.5	<0.5	<2.5	--	--
06/27/97	169.30	158.27	11.03	--	--	--	--	--	--	--	--	--
09/19/97	169.30	158.34	10.96	--	--	--	--	--	--	--	--	--
12/05/97	169.30	158.62	10.68	--	--	--	--	--	--	--	--	--
03/31/98	169.30	158.67	10.63	760 ¹	<50	6.7	<0.5	<0.5	<0.5	<2.5	--	--
06/19/98	169.30	159.62	9.68	--	--	--	--	--	--	--	--	--
08/13/98	169.30	157.67	11.63	--	--	--	--	--	--	--	--	--

Table 1
Groundwater Monitoring Data and Analytical Results
 Chevron Service Station #9-6991
 2920 Castro Valley Boulevard
 Castro Valley, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)	ETHANOL (ppb)
MW-1 (cont)												
12/17/98	169.30	158.25	11.05	--	--	--	--	--	--	--	--	--
03/19/99	169.30	158.35	10.95	890 ¹	124	14.8	<0.5	<0.5	<0.5	6.49/<2.5 ¹³	--	--
06/23/99	169.30	158.23	11.07	--	--	--	--	--	--	--	--	--
09/16/99	169.30	158.41	10.89	--	--	--	--	--	--	--	--	--
12/16/99	169.30	158.46	10.84	--	--	--	--	--	--	--	--	--
03/02/00	169.30	158.83	10.47	2,300 ¹	155	10.4	<0.5	<0.5	<0.5	10.3	--	--
06/30/00	169.30	159.04	10.26	--	--	--	--	--	--	--	--	--
09/30/00	NP	169.30	158.30	--	--	--	--	--	--	--	--	--
12/19/00	169.30	158.44	10.86	--	--	--	--	--	--	--	--	--
03/13/01	NP	169.30	158.45	10.85	-- ¹⁴	50.4	4.50	0.553	0.522	2.10	1.65	--
06/12/01	169.30	158.28	11.02	SAMPLED ANNUALLY		--	--	--	--	--	--	--
09/18/01	169.30	158.23	11.07	SAMPLED ANNUALLY		--	--	--	--	--	--	--
12/17/01	169.30	158.59	10.71	SAMPLED ANNUALLY		--	--	--	--	--	--	--
03/21/02	169.30	158.54	10.76	-- ¹⁴	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--
06/08/02	169.30	158.33	10.97	SAMPLED ANNUALLY		--	--	--	--	--	--	--
09/13/02	169.30	158.28	11.02	SAMPLED ANNUALLY		--	--	--	--	--	--	--
12/13/02	169.30	158.47	10.83	SAMPLED ANNUALLY		--	--	--	--	--	--	--
03/17/03	169.30	158.60	10.70	250	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--
06/16/03	169.30	158.34	10.96	SAMPLED ANNUALLY		--	--	--	--	--	--	--
09/15/03	169.30	158.28	11.02	SAMPLED ANNUALLY		--	--	--	--	--	--	--
12/15/03	169.30	158.71	10.59	SAMPLED ANNUALLY		--	--	--	--	--	--	--
03/01/04	169.30	158.78	10.52	NOT SAMPLED DUE TO INSUFFICIENT WATER		--	--	--	--	--	--	--
06/28/04	169.30	158.27	11.03	SAMPLED ANNUALLY		--	--	--	--	--	--	--
09/13/04	169.30	156.96	12.34	SAMPLED ANNUALLY		--	--	--	--	--	--	--
MW-2												
10/08/91	169.15	157.20	11.95	--	110	5.1	1.1	0.8	26	--	--	--
11/19/91	169.15	157.40	11.75	--	120	11	1.1	<0.5	17	--	--	--
12/04/91	169.15	157.35	11.80	130	440	30	2.5	<0.5	52	--	--	--

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-6991
2920 Castro Valley Boulevard
Castro Valley, California

WELL ID/ DATE	TOC (<i>R.</i>)	GWE (<i>msl</i>)	DTW (<i>ft.</i>)	TPH-D (<i>ppb</i>)	TPH-G (<i>ppb</i>)	B (<i>ppb</i>)	T (<i>ppb</i>)	E (<i>ppb</i>)	X (<i>ppb</i>)	MTBE (<i>ppb</i>)	TOG (<i>ppb</i>)	ETHANOL (<i>ppb</i>)
MW-2 (cont)												
06/05/92	169.15	157.35	11.80	130	80	13	<0.5	<0.5	1.0	--	--	--
10/27/92	169.15	157.15	12.00	110	54	13	<0.5	<0.5	<0.5	--	--	--
12/30/92	169.15	--	--	92	180	30	<0.5	<0.5	1.0	--	--	--
01/27/93	169.15	158.24	10.91	--	--	--	--	--	--	--	--	--
03/05/93	169.15	--	--	<50	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
03/17/93	169.15	158.26	10.89	--	--	--	--	--	--	--	--	--
06/18/93	169.15	157.41	11.74	<50	<50	1.4	<0.5	<0.5	<1.5	--	--	--
09/28/93	169.15	157.97	11.18	<50	<50	0.6	<0.5	<0.5	<1.5	--	--	--
12/30/93	169.15	158.34	21.00	<50	<50	0.9	<0.5	<0.5	<0.5	--	--	--
04/07/94	169.15	158.40	10.75	<10	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
05/31/94	169.15	158.35	10.80	<50	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
09/23/94	169.15	157.50	11.65	120	<50	0.7	<0.5	<0.5	<0.5	--	--	--
11/30/94	169.15	158.41	10.74	570 ⁴	55	2.9	<0.5	1.4	0.94	--	--	--
03/30/95	169.15	158.25	10.90	430 ¹	91	4.5	<0.5	3.8	<0.5	--	--	--
06/06/95	169.15	157.73	11.42	410 ¹	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
09/25/95	169.15	157.52	11.63	220 ¹	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
12/28/95	169.15	157.98	11.17	120 ¹	<2,000	<20	<20	<20	<20	5,000	--	--
03/05/96	169.15	159.09	10.06	860 ¹	<2,000	<20	<20	<20	<20	10,000	--	--
09/13/96	169.15	157.37	11.78	1,300	1,100	25	<10	<10	<10	20,000	--	--
12/19/96	169.15	158.30	10.85	SAMPLED SEMI-ANNUALLY			--	--	--	--	--	--
03/20/97	169.15	157.75	11.40	190 ¹	2400	<10	<10	46	<10	6,200	--	--
06/27/97	169.15	157.35	11.80	--	--	--	--	--	--	--	--	--
09/19/97	169.15	157.43	11.72	60 ¹	<50	<0.5	<0.5	<0.5	<0.5	280	--	--
12/08/97	169.15	158.27	10.88	--	--	--	--	--	--	--	--	--
03/31/98	169.15	158.46	10.69	220 ¹	110	30	0.74	0.74	0.59	1,000	--	--
06/19/98	169.15	159.31	9.84	--	--	--	--	--	--	--	--	--
08/31/98	169.15	157.43	11.72	380 ¹	<100	3.4	<1.0	<1.0	<1.0	980	--	--
12/17/98	169.15	157.60	11.55	--	--	--	--	--	--	480	--	--
03/19/99	169.15	158.63	10.52	107 ⁴	<250	12.7	<2.5	<2.5	<2.5	1,040/819 ¹³	--	--
06/23/99	169.15	159.61	9.54	--	--	--	--	--	--	--	--	--

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-6991
2920 Castro Valley Boulevard
Castro Valley, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)	ETHANOL (ppb)
MW-2 (cont)												
09/16/99	169.15	157.54	11.61	84.9	<100	<1.0	<1.0	<1.0	<1.0	216	--	--
12/16/99	169.15	157.86	11.29	--	--	--	--	--	--	--	--	--
03/02/00	169.15	158.70	10.45	<50	84.8	21.5	<0.5	<0.5	0.636	413	--	--
06/30/00	169.15	159.08	10.07	--	--	--	--	--	--	--	--	--
09/30/00	NP	169.15	157.54	11.61	100 ¹¹	<50	<0.50	0.57	<0.50	1.0	2,800	--
12/19/00		169.15	158.04	11.11	--	--	--	--	--	--	--	--
03/13/01	NP	169.15	158.22	10.93	-- ¹⁴	179	11.6	2.01	0.856	3.66	1,290	--
06/12/01		169.15	157.52	11.63	--	--	--	--	--	--	--	--
09/18/01	NP	169.15	157.37	11.78	100	<50	<0.50	<0.50	<0.50	<1.5	670	--
12/17/01		169.15	158.29	10.86	SAMPLED SEMI-ANNUALLY		--	--	--	--	--	--
03/21/02		169.15	158.16	10.99	-- ¹⁴	<50	<0.50	<0.50	<0.50	<1.5	350	--
06/08/02		169.15	157.52	11.63	SAMPLED SEMI-ANNUALLY		--	--	--	--	--	--
09/13/02		169.15	157.50	11.65	200	<50	<0.50	<0.50	<0.50	<1.5	260	--
12/13/02		169.15	158.07	11.08	SAMPLED SEMI-ANNUALLY		--	--	--	--	--	--
03/17/03		169.15	158.38	10.77	NOT SAMPLED DUE TO INSUFFICIENT WATER		--	--	--	--	--	--
06/16/03		169.15	157.77	11.38	SAMPLED SEMI-ANNUALLY		--	--	--	--	--	--
09/15/03 ^{16,17}		169.15	157.55	11.60	110	<50	<0.5	<0.5	<0.5	0.6	400	--
12/15/03		169.15	158.40	10.75	SAMPLED SEMI-ANNUALLY		--	--	--	--	--	--
03/01/04		169.15	158.49	10.66	NOT SAMPLED DUE TO INSUFFICIENT WATER		--	--	--	--	--	--
06/28/04		169.15	157.63	11.52	SAMPLED SEMI-ANNUALLY		--	--	--	--	--	--
09/13/04		169.15	156.27	12.88	NOT SAMPLED DUE TO INSUFFICIENT WATER		--	--	--	--	--	--
MW-3												
10/08/91	169.11	160.84	8.27	--	81	1.9	0.7	0.8	2.4	--	--	--
11/04/91	169.11	158.26	10.85	--	60	<0.5	<0.5	<0.5	<0.5	--	--	--
12/04/91	169.11	158.06	11.05	<50	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
06/05/92	169.11	157.96	11.15	170	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
10/27/92	169.11	157.51	11.60	120	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
12/30/92	169.11	--	--	170	<50	<0.5	<0.5	<0.5	<0.5	--	--	--

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-6991
2920 Castro Valley Boulevard
Castro Valley, California

WELL ID/ DATE	TOC (%)	GWE (msl)	DTW (ft.)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)	ETHANOL (ppb)	
MW-3 (cont)													
01/27/93	169.11	160.00	9.11	--	--	--	--	--	--	--	--	--	
03/05/93	169.11	--	--	--	--	--	--	--	--	--	--	--	
03/17/93	169.11	159.16	9.95	--	--	--	--	--	--	--	--	--	
06/18/93	169.11	158.22	10.89	<50	<50	<0.5	<0.5	<0.5	<1.5	--	--	--	
09/28/93	169.11	159.49	9.62	<50	<50	<0.5	<0.5	<0.5	<1.5	--	--	--	
12/30/93	169.11	159.80	9.31	<50	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	
04/07/94	169.11	160.30	8.81	<10	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	
05/31/94	169.11	160.21	8.90	<50	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	
09/23/94	169.11	158.48	10.63	<50	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	
11/30/94	169.11	160.19	8.92	--	--	--	--	--	--	--	--	--	
03/30/95	169.11	160.01	9.10	290 ¹	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	
06/06/95	169.11	158.79	10.32	150 ¹	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	
09/25/95	169.11	158.11	11.00	260 ¹	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	
12/28/95	169.11	158.96	10.15	200 ¹	<250	<2.5	<2.5	<2.5	<2.5	1,400	--	--	
12/17/98	169.11	158.86	10.25	130 ¹	<250	<2.5	<2.5	<2.5	<2.5	62,000	--	--	
03/19/99	169.11	159.37	9.74	139 ¹	<1,000	<10	<10	<10	<10	5,650/5.850 ¹³	--	--	
06/23/99	169.11	158.40	10.71	61.6 ¹	<2,000	<20	<20	<20	<20	6,700	--	--	
09/16/99	169.11	157.44	11.67	122	<1,000	<10	<10	<10	<10	1,910	--	--	
12/16/99	169.11	158.79	10.32	--	--	--	--	--	--	5,850	--	--	
12/20/00	169.11	158.91	10.20	96.8 ¹	65.2	<0.5	<0.5	<0.5	<0.5	1,790	--	--	
03/02/00	169.11	160.26	8.85	<50	<50	<0.5	<0.5	<0.5	<0.5	5,600	--	--	
06/30/00	169.11	158.81	10.30	<50	360 ⁵	<0.50	<0.50	<0.50	<0.50	1,300	--	--	
09/30/00	NP	169.11	158.07	11.04	--	150 ⁹	75	<1.3	<1.3	<1.3	8,200	--	--
12/19/00	NP	169.11	159.06	10.05	-- ¹⁴	<1,000	<10	<10	<10	<10	4,600	--	--
03/13/01	NP	169.11	159.76	9.35	-- ¹⁴	284	0.601	1.00	<0.500	1.27	3,670	--	--
06/12/01	NP	169.11	158.08	11.03	<50	140 ⁹	67	<0.50	<0.50	<0.50	2,600	--	--
09/18/01	NP	169.11	157.96	11.15	100	240	<0.50	<0.50	<0.50	<1.5	3,200	--	--
12/17/01		169.11	159.22	9.89	270	55	<0.50	<0.50	<0.50	<1.5	930	--	--
03/21/02		169.11	159.38	9.73	290	190	<0.50	<0.50	<0.50	<1.5	2,600	--	--
06/08/02		169.11	158.21	10.90	110	110	<0.50	<0.50	<0.50	<1.5	2,200	--	--

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-6991
2920 Castro Valley Boulevard
Castro Valley, California

WELL ID/ DATE	TOC (<i>β</i>)	GWE (msl)	DTW (ft.)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)	ETHANOL (ppb)
MW-3 (cont)												
09/13/02	169.11	158.26	10.85	<50	<50	<0.50	<0.50	<0.50	<1.5	650	--	--
12/13/02	169.11	159.11	10.00	120	<50	<0.50	<0.50	<0.50	<1.5	450	--	--
03/17/03	169.11	159.66	9.45	370	80	<0.50	<0.50	<0.50	<1.5	1,600	--	--
06/16/03	169.11	158.98	10.13	NOT SAMPLED DUE TO INSUFFICIENT WATER				--	--	--	--	--
09/15/03	169.11	157.85	11.26	NOT SAMPLED DUE TO INSUFFICIENT WATER				--	--	--	--	--
12/15/03 ¹⁶	169.11	159.78	9.33	-- ¹⁴	<50	<0.5	3	0.6	4	220	--	<50
03/01/04	169.11	159.22	9.89	NOT SAMPLED DUE TO INSUFFICIENT WATER				--	--	--	--	--
06/28/04 ¹⁶	169.11	158.26	10.85	95	<50	<0.5	<0.5	<0.5	<0.5	980	--	--
09/13/04	169.11	DRY AT 12.96 FEET		--	--	--	--	--	--	--	--	--
MW-4												
10/27/92	169.18	157.79	11.39	<50	<50	<0.5	0.6	0.5	4.3	--	--	--
12/30/92	169.18	159.05	10.13	<50	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
01/27/93	169.18	160.09	9.09	--	--	--	--	--	--	--	--	--
03/05/93	169.18	--	--	<50	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
03/17/93	169.18	159.28	9.90	--	--	--	--	--	--	--	--	--
06/18/93	169.18	158.50	10.68	<50	<50	<0.5	<0.5	<0.5	<1.5	--	--	--
09/28/93	169.18	159.82	9.36	<50	<50	<0.5	<0.5	<0.5	<1.5	--	--	--
12/30/93	169.18	159.91	9.27	<50	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
04/07/94	169.18	160.37	8.81	<10	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
05/31/94	169.18	160.27	8.91	<50	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
09/23/94	169.18	158.79	10.39	<50	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
11/30/94	169.18	160.08	9.10	58 ²	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
03/30/95	169.18	160.66	8.52	61 ¹	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
06/06/95	169.18	158.70	10.48	<50	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
09/25/95	169.18	158.38	10.80	<50	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
12/28/95	169.18	159.23	9.95	<50	<50	<0.5	<0.5	<0.5	<0.5	9.9	--	--

NOT MONITORED/SAMPLED

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-6991
2920 Castro Valley Boulevard
Castro Valley, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)	ETHANOL (ppb)
MW-5												
10/27/92	167.41	157.46	9.95	<50	74	<0.5	<0.5	0.6	7.1	--	--	--
12/30/92	167.41	158.21	9.20	<50	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
01/27/93	167.41	157.80	9.61	--	--	--	--	--	--	--	--	--
03/05/93	167.41	--	--	<50	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
03/17/93	167.41	157.90	9.51	--	--	--	--	--	--	--	--	--
06/18/93	167.41	157.56	9.85	<50	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
09/28/93	167.41	157.55	9.86	<50	<50	<0.5	<0.5	<0.5	<1.5	--	--	--
12/30/93	167.41	157.08	10.33	<50	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
04/07/94	167.41	157.69	9.72	<10	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
05/31/94	167.41	157.68	9.73	<50	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
09/23/94	167.41	157.56	9.85	<50	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
11/30/94	167.41	157.73	9.68	79 ²	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
03/30/95	167.41	157.79	9.62	<50	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
06/06/95	167.41	157.55	9.86	<50	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
09/25/95	167.41	157.56	9.85	<50	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
12/28/95	167.41	157.67	9.74	<50	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--
NOT MONITORED/SAMPLED												
MW-6												
10/27/92	166.46	153.92	12.54	<50	600	22	22	24	130	--	--	--
12/30/92	166.46	156.26	10.20	470	1,700	170	16	46	160	--	--	--
01/27/93	166.46	156.44	10.02	--	--	--	--	--	--	--	--	--
03/05/93	166.46	--	--	150	480	76	0.9	3.1	7.1	--	--	--
03/17/93	166.46	155.79	10.67	--	--	--	--	--	--	--	--	--
06/18/93	166.46	154.63	11.83	51	240	37	3.4	2.9	18	--	--	--
09/28/93	166.46	154.90	11.56	120	150	11	1.2	1.3	4.3	--	--	--
12/30/93	166.46	154.81	11.65	290	680	77	5.1	5.5	13	--	--	--
04/07/94	166.46	155.34	11.12	<10	190	24	2.9	1.9	8.0	--	--	--
05/31/94	166.46	--	--	--	--	--	--	--	--	--	--	--

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Chevron Service Station #9-6991
2920 Castro Valley Boulevard
Castro Valley, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)	ETHANOL (ppb)
MW-6 (cont)												
09/23/94	166.46	155.05	11.41	--	--	--	--	--	--	--	--	--
11/30/94	166.46	156.58	9.88	150 ²	320	49	0.58	1.4	1.2	--	--	--
12/15/03 ¹⁶	166.46	156.60	9.86	71	210	0.5	0.9	0.7	2	14	--	<50
03/01/04 ¹⁶	168.80	159.50	9.30	<250	150	<0.5	4	3	18	10	--	<50
06/28/04 ¹⁶	168.80	157.47	11.33	66	100	<0.5	<0.5	<0.5	<0.5	18	--	--
09/13/04 ¹⁶	168.80	157.22	11.58	<50	<50	<0.5	<0.5	<0.5	<0.5	17	--	<50
MW-7												
09/25/95	168.80	157.20	11.60	1,400 ¹	220	0.79	<0.5	0.67	<0.5	--	--	--
12/28/95	168.80	158.14	10.66	590 ¹	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--
03/05/96	168.80	159.74	9.06	320 ¹	1,400	<10	<10	47	<10	5,300	--	--
06/27/96	168.80	157.27	11.53	630 ¹	<2,500	<25	<25	<25	<25	14,000	--	--
09/13/96	168.80	156.88	11.92	1,400	1,100	26	<10	24	<10	20,000	--	--
12/19/96	168.80	158.29	10.51	1,100 ³	<5,000	<50	<50	<50	<50	12,000	--	--
03/20/97	168.80	157.84	10.96	1,600 ³	<1,000	<10	<10	<10	<10	2,100/2,000 ¹³	--	--
06/27/97	168.80	157.02	11.78	1,600 ¹	2,000	<20	<20	<20	<20	11,000	--	--
09/19/97	168.80	156.87	11.93	1,900 ¹	<1,000	35	<10	<10	<10	13,000	--	--
12/05/97	168.80	158.40	10.40	1,100 ¹	2,100	47	2.7	28	<2.5	15,000	--	--
03/31/98	168.80	158.89	9.91	780 ¹	410	4.0	0.61	2.2	<0.5	<2.5	--	--
06/19/98	168.80	159.09	9.71	480 ¹	1,100	16	<10	17	<10	12,000	--	--
08/31/98	168.80	157.11	11.69	580 ¹	<500	350	22	<5.0	<5.0	47,000	--	--
12/17/98	168.80	157.70	11.10	970	1,800	<10	<10	24	<10	13,000/14,000 ¹	--	--
03/19/99	168.80	158.51	10.29	615 ¹	1,280	<5.0	5.0	16.3	<5.0	2,240/2,910 ¹³	--	--
06/23/99	168.80	157.25	11.55	1,240 ¹	<5,000	<50	<50	<50	<50	18,000	--	--
09/16/99	168.80	157.31	11.49	2,230	<5,000	<50	<50	<50	<50	13,700	--	--
12/16/99	168.80	158.27	10.53	973 ¹	1,330	<1.0	6.44	14	5.17	10,800	--	--
03/02/00	168.80	159.25	9.55	880 ¹	1,980	7.22	<5.0	6.11	<5.0	4,230	--	--
06/30/00	168.80	157.68	11.12	620 ⁷	2,500 ⁶	6.0	8.5	16	72	6,900	--	--
09/30/00	NP	168.80	157.23	1,600 ⁷	1,700 ¹⁰	750	<5.0	<5.0	<5.0	7,300	--	--

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 Chevron Service Station #9-6991
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WELL ID/ DATE	TOC (ft.)	GWE (mst)	DTW (ft.)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)	ETHANOL (ppb)
MW-7 (cont)												
12/19/00	168.80	158.26	10.54	1,100 ¹²	1,800 ¹⁰	<10	<10	<10	<10	4,900	--	--
03/13/01	168.80	158.74	10.06	1,500 ¹²	1,470	9.34	5.09	6.08	2.69	2,920	--	--
06/12/01	168.80	157.45	11.35	910 ¹⁵	920 ¹⁰	260	4.2	9.7	2.8	4,500	--	--
09/18/01	168.80	156.87	11.93	3,000	2,000	<0.50	<0.50	<0.50	<1.5	5,300	--	--
12/17/01	168.80	157.99	10.81	7,000	1,700	<5.0	<0.50	7.1	<1.5	4,100	--	--
03/21/02	168.80	158.56	10.24	13,000	3,200	<5.0	<0.50	24	<1.5	980	--	--
06/08/02	168.80	157.32	11.48	3,500	1,500	3.6	<0.50	8.5	<1.5	2,800	--	--
09/13/02	168.80	157.02	11.78	2,400	1,200	1.8	<1.0	2.8	<1.5	3,300	--	--
12/13/02	168.80	157.97	10.83	3,400	1,100	2.4	<0.50	2.3	<1.5	2,000	--	--
03/17/03	168.80	158.71	10.09	3,700	1,600	<10	<0.50	5.1	<1.5	1,000	--	--
06/16/03 ¹⁶	168.80	157.81	10.99	4,400	2,500	1	0.5	14	<0.5	260	--	--
09/15/03 ¹⁶	168.80	157.38	11.42	4,700	1,700	1	<0.5	6	0.5	790	--	<50
12/15/03 ¹⁶	168.80	158.58	10.22	3,200	610	<0.5	<0.5	1	<0.5	780	--	<50
03/01/04 ¹⁶	168.80	159.19	9.61	2,200	1,500	<0.5	<0.5	4	<0.5	16	--	<50
06/28/04 ¹⁶	168.80	157.38	11.42	3,700	2,500	2	<0.5	8	<0.5	300	--	--
09/13/04 ¹⁶	168.80	156.78	12.02	2,000	2,000	1	<1	4	<1	700	--	<100
TRIP BLANK												
10/08/91	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
11/04/91	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
12/04/91	--	--	--	<50	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
06/05/92	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
12/30/92	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
01/27/93	--	--	--	<50	--	--	--	--	--	--	--	--
03/05/93	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
03/17/93	--	--	--	--	--	--	--	--	--	--	--	--
06/18/93	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	--	--
09/28/93	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
12/30/93	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--

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TRIP BLANK (cont)												
04/07/94	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
05/31/94	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
09/23/94	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
11/30/94	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
03/30/95	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
06/06/95	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
09/25/95	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
12/28/95	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
03/05/96	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
06/27/96	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
09/13/96	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
12/19/96	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--
03/20/97	--	--	--	--	<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	--	--
09/19/97	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--
12/05/97	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--
03/31/98	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--
06/19/98	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--
08/31/98	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--
03/19/99	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0	--	--
09/16/99	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--
12/16/99	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--
12/20/99	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--
03/02/00	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--
06/30/00*	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--
09/30/00	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--
12/19/00	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--
03/13/01	--	--	--	--	<50.0	<0.500	0.534	<0.500	1.25	<0.500	--	--
06/12/01	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--
09/18/01	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-6991
2920 Castro Valley Boulevard
Castro Valley, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)	ETHANOL (ppb)
QA												
12/17/01	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--
03/21/02	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--
06/08/02	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--
09/13/02	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--
12/13/02	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--
03/17/03	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--
06/16/03 ¹⁶	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--
09/15/03 ¹⁶	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--
12/15/03 ¹⁶	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--
03/01/04 ¹⁶	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--
06/28/04 ¹⁶	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--
09/13/04 ¹⁶	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--

Table 1
Groundwater Monitoring Data and Analytical Results
 Chevron Service Station #9-6991
 2920 Castro Valley Boulevard
 Castro Valley, California

EXPLANATIONS:

Groundwater monitoring data and laboratory analytical results prior to June 30, 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

TPH-D = Total Petroleum Hydrocarbons as Diesel

TPH-G = Total Petroleum Hydrocarbons as Gasoline

B = Benzene

T = Toluene

E = Ethylbenzene

X = Xylenes

MTBE = Methyl tertiary butyl ether

TOG = Total Oil and Grease

(ppb) = Parts per billion

-- = Not Measured/Not Analyzed

NP = No Purge

QA = Quality Assurance/Trip Blank

- 1 Chromatogram pattern indicates an unidentified hydrocarbon.
- 2 Chromatogram pattern indicates a non-diesel mix.
- 3 Chromatogram pattern indicates an unidentified hydrocarbon and weathered diesel.
- 4 Chromatogram pattern indicates a non-diesel mix + discrete peaks.
- 5 Laboratory report indicates unidentified hydrocarbons C6-C12.
- 6 Laboratory report indicates gasoline C6-C12 + unidentified hydrocarbons C6-C12.
- 7 Laboratory report indicates unidentified hydrocarbons C9-C24.
- 8 Laboratory report indicates this sample was analyzed outside of the EPA recommended holding time.
- 9 Laboratory report indicates discrete peaks.
- 10 Laboratory report indicates gasoline C6-C12.
- 11 Laboratory report indicates unidentified hydrocarbons >C16.
- 12 Laboratory report indicates diesel C9-C24 + unidentified hydrocarbons <C16.
- 13 Confirmation run.
- 14 Insufficient water to obtain sample for TPH-D.
- 15 Laboratory report indicates unidentified hydrocarbons C9-C17.
- 16 BTEX and MTBE by EPA Method 8260.

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.

***CHEVRON SERVICE STATION #9-6991
Castro Valley, CA***

***SECOND QUARTER MONITORING & SAMPLING
EVENT
Of June 28, 2004***



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-6991 Job Number: 385296
 Site Address: 2920 Castro Valley Blvd Event Date: 6/28/04 (inclusive)
 City: Castro Valley, CA Sampler: Jim Heran

Well ID: MW-1 Date Monitored: 6/28/04 Well Condition: o/c
 Well Diameter: (3/4) / 2 in.
 Total Depth: 17.06 ft.
 Depth to Water: 11.03 ft.

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

xVF = _____ x3 case volume= Estimated Purge Volume: _____ 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: _____ ft
 Visual Confirmation/Description: _____
 Skimmer / Absorbent Sock (circle one)
 Amt Removed from Skimmer: _____ gal
 Amt Removed from Well: _____ gal
 Water Removed: _____
 Product Transferred to: _____

Start Time (purge): _____ Weather Conditions: _____
 Sample Time/Date: _____ / _____ Water Color: _____ Odor: _____
 Purging Flow Rate: _____ 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)

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-	x vga vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8260)/ETHANOL(8260)
	x Amber	YES	NP	LANCASTER	TPH-D

COMMENTS: M/D

Add/Replaced Lock: _____ Add/Replaced Plug: _____ Size: _____



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-6991
 Site Address: 2920 Castro Valley Blvd
 City: Castro Valley, CA

Job Number: 385296
 Event Date: 6/28/09 (inclusive)
 Sampler: Jim Herza

Well ID: MW-2
 Well Diameter: 3/4" / 2 in.
 Total Depth: 17.09 ft.
 Depth to Water: 11.52 ft.

Date Monitored: 6/28/09 Well Condition: OK

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

 xVF = x3 case volume= Estimated Purge Volume: 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:	<u> </u> (2400 hrs)
Time Bailed:	<u> </u> (2400 hrs)
Depth to Product:	<u> </u> ft
Depth to Water:	<u> </u> ft
Hydrocarbon Thickness:	<u> </u> ft
Visual Confirmation/Description:	<u> </u>
Skimmer / Absorbant Sock (circle one)	<u> </u>
Amt Removed from Skimmer:	<u> </u> gal
Amt Removed from Well:	<u> </u> gal
Water Removed:	<u> </u>
Product Transferred to:	<u> </u>

Start Time (purge): Weather Conditions:
 Sample Time/Date: Water Color: Odor:
 Purging Flow Rate: 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)

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-	x voa vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8260)/ETHANOL(8260)
	x Amber	YES	NP	LANCASTER	TPH-D

COMMENTS:

Add/Replaced Lock: Add/Replaced Plug: Size:



GETTLER - RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-6991 Job Number: 385296
 Site Address: 2920 Castro Valley Blvd Event Date: 6/28/04 (inclusive)
 City: Castro Valley, CA Sampler: Jim Herzel

Well ID: MW-3 Date Monitored: 6/28/04 Well Condition: ok
 Well Diameter: 3/4" / 2 in.
 Total Depth: 13.29 ft.
 Depth to Water: 10.85 ft.
2.44 xVF .02 = .05 x3 case volume = Estimated Purge Volume: .14 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 _____
 xOther: Peristaltic Pump

Sampling Equipment:
 Disposable Bailer _____
 Pressure Bailer _____
 Discrete Bailer _____
 xOther: _____

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): 1000 Weather Conditions: clear
 Sample Time/Date: 1030 6/28/04 Water Color: clear Odor: no
 Purging Flow Rate: _____ gpm. Sediment Description: 12 ft
 Did well de-water? no If yes, Time: _____ Volume: _____ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (°F)	D.O. (mg/L)	ORP (mV)
<u>1010</u>	<u>.04</u>	<u>7.21</u>	<u>921</u>	<u>20.4</u>		
<u>1020</u>	<u>.08</u>	<u>7.16</u>	<u>935</u>	<u>20.1</u>		
<u>1030</u>	<u>.12</u>	<u>7.09</u>	<u>942</u>	<u>19.8</u>		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-3</u>	<u>6</u> x vov vial	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-G(8015)/BTEX+MTBE(8260)/ETHANOL(8260)</u>
	<u>2</u> x Amber	<u>YES</u>	<u>NP</u>	<u>LANCASTER</u>	<u>TPH-D</u>

COMMENTS: Prob. Spill

Add/Replaced Lock: _____ Add/Replaced Plug: _____ Size: _____



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-6991
 Site Address: 2920 Castro Valley Blvd
 City: Castro Valley, CA

Job Number: 385296
 Event Date: 6/28/04 (inclusive)
 Sampler: Jim Heenan

Well ID: MW-6 Date Monitored: 6/28/04 Well Condition: o/c

Well Diameter: 3/4" (2) in.
 Total Depth: 23.57 ft.
 Depth to Water: 11.33 ft.
12.18

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

$xVF .17 = 2.07$ x3 case volume= Estimated Purge Volume: 6.21 gal.

Purge Equipment:

Disposable Bailer x
 Stainless Steel Bailer _____
 Stack Pump _____
 Suction Pump _____
 Grundfos _____
 Other: _____

Sampling Equipment:

Disposable Bailer x
 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): 1110 Weather Conditions: clear
 Sample Time/Date: 1135 / 6/28/04 Water Color: cloudy Odor: no
 Purging Flow Rate: _____ gpm. Sediment Description: 11.33
 Did well de-water? no If yes, Time: _____ Volume: _____ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (°F)	D.O. (mg/L)	ORP (mV)
<u>1114</u>	<u>2</u>	<u>7.05</u>	<u>816</u>	<u>20.6</u>		
<u>1118</u>	<u>4</u>	<u>6.91</u>	<u>827</u>	<u>20.5</u>		
<u>1123</u>	<u>6</u>	<u>6.73</u>	<u>856</u>	<u>20.5</u>		

LABORATORY INFORMATION

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

COMMENTS:

Add/Replaced Lock: _____ Add/Replaced Plug: _____ Size: _____



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-6991
 Site Address: 2920 Castro Valley Blvd
 City: Castro Valley, CA

Job Number: 385296
 Event Date: 6/28/04 (inclusive)
 Sampler: Jim Herron

Well ID: MW-7 Date Monitored: 6/28/04 Well Condition: OK
 Well Diameter: 3/4 (2) in.
 Total Depth: 19.43 ft.
 Depth to Water: 11.42 ft.
8.01 xVF 1.17 = 1.36 x3 case volume = Estimated Purge Volume: 4.08 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 X
 Stainless Steel Bailer _____
 Stack Pump _____
 Suction Pump _____
 Grundfos _____
 Other: _____

Sampling Equipment:
 Disposable Bailer X
 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): 0920 Weather Conditions: clear
 Sample Time/Date: 0945 / 6/28/04 Water Color: cloudy Odor: no
 Purging Flow Rate: _____ gpm. Sediment Description: 1.2/80
 Did well de-water? no If yes, Time: _____ Volume: _____ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (°F)	D.O. (mg/L)	ORP (mV)
<u>0923</u>	<u>1</u>	<u>7.44</u>	<u>798</u>	<u>20.6</u>	_____	_____
<u>0927</u>	<u>2</u>	<u>7.31</u>	<u>809</u>	<u>20.3</u>	_____	_____
<u>0931</u>	<u>3</u>	<u>7.25</u>	<u>824</u>	<u>20.1</u>	_____	_____
_____	_____	_____	_____	_____	_____	_____

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-7</u>	<u>6</u> x voa vial	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-G(8015)/BTX+MTBE(8260)/ETHANOL(8260)</u>
	<u>2</u> x Amber	<u>YES</u>	<u>NP</u>	<u>LANCASTER</u>	<u>TPH-D</u>

COMMENTS: _____

Add/Replaced Lock: _____ Add/Replaced Plug: _____ Size: _____

Chevron California Region Analysis Request/Chain of Custody



063004-05

Acct. #: 10904

For Lancaster Laboratories use only
Sample #: 4.30 3594-97

Group# 902140
SCR#:

Facility #: <u>SS#9-6991 G-R#385296 Global ID#T0600100324</u> Site Address: <u>2920 CASTRO VALLEY BLVD, CASTRO VALLEY, CA</u> Chevron PMS: _____ Lead Consultant: <u>GAMBRIATS</u> Consultant/Office: <u>G-R, Inc., 6747 Sierra Court, Suite J, Dublin, Ca. 94568</u> Consultant Prj. Mgr.: <u>Deanna L. Harding (deanna@grinc.com)</u> Consultant Phone: <u>925-551-7555</u> Fax: <u>925-551-7899</u> Sampler: _____ Service Order #: _____ <input type="checkbox"/> Non SAR: _____				Matrix Soil <input type="checkbox"/> Potable Water <input type="checkbox"/> NPDES <input type="checkbox"/> Oil <input type="checkbox"/> Air <input type="checkbox"/>		Analyses Requested Preservation Codes: _____ Preservative Codes: _____ <input type="checkbox"/> J value reporting needed <input checked="" type="checkbox"/> Must meet lowest detection limits possible for 8260 compounds 8021 MTBE Confirmation <input type="checkbox"/> Confirm highest hit by 8260 <input type="checkbox"/> Confirm all hits by 8260 <input type="checkbox"/> Run ____ oxy s on highest hit <input type="checkbox"/> Run ____ oxy s on all hits													
Sample Identification	Date Collected	Time Collected	Grab	Composite	Soil	Water	Oil	Air	Total Number of Containers	8TEX + MTBE 8260	8021	TPH 8015 MOD GRO	TPH 8015 MOD DRO	Silica Gel Cleanup	8260 full scan	Oxygenates	Lead 7420	7421	Ethanol
QA	6/28/04		X						2	X	X	X	X	X					X
MW-3	↓	1040	X						8	X	X	X	X	X					X
MW-6	↓	1135	X						8	X	X	X	X	X					X
MW-7	↓	0945	X						8	X	X	X	X	X					X
Turnaround Time Requested (TAT) (please circle) STD-TAT 72 hour 48 hour 24 hour 4 day 5 day										Relinquished by: _____ Date: <u>6/28/04</u> Time: <u>1500</u>		Received by: _____ Date: <u>6/26/04</u> Time: <u>1530</u>							
Data Package Options (please circle if required) QC Summary Type I — Full Type VI (Raw Data) <input type="checkbox"/> Coalt Deliverable not needed WIP (RWQCB) Disk										Relinquished by: _____ Date: <u>6/30</u> Time: <u>1400</u>		Received by: _____ Date: <u>6/30/04</u> Time: <u>1400</u>							
Relinquished by Commercial Carrier: UPS FedEx <u>Other</u>										Relinquished by: _____ Date: <u>6/30/04</u> Time: <u>1530</u>		Received by: _____ Date: <u>6/30/04</u> Time: _____							
Temperature Upon Receipt: <u>2-2.5°C</u>										Received by: _____ Date: <u>7/6/04</u> Time: <u>0840</u>		Custody Seals Intact? <u>Yes</u> No							



Analysis Report

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-658-2300 Fax: 717-658-2681 • 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

RECEIVED

GETTLER RYAN INC
GENERAL CONTRACTORS

SAMPLE GROUP

The sample group for this submittal is 902140. Samples arrived at the laboratory on Thursday, July 01, 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-040628	NA Water	4303594
MW-3-W-040628	Grab Water	4303595
MW-6-W-040628	Grab Water	4303596
MW-7-W-040628	Grab Water	4303597

1 COPY TO Cambria C/O Gettler- Ryan
ELECTRONIC Gettler-Ryan
COPY TO

Attn: Deanna L. Harding
Attn: Cheryl Hansen



Analysis Report

2425 New Holland Pk, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • 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 "Tina L. Thoman".

Tina L. Thoman
Senior Chemist, Coordinator

Lancaster Laboratories Sample No. **WW 4303594**

 QA-T-040628 NA Water
 Facility# 96991 Job# 385296 GRD
 2920 Castro-Castro Valley T0600100324 QA
 Collected: 06/28/2004

Account Number: 10904

 Submitted: 07/01/2004 08:40
 Reported: 07/20/2004 at 15:46
 Discard: 08/20/2004

 ChevronTexaco
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

CASQA

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Units	Dilution Factor
				Method	Detection Limit		
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 Method	1	07/06/2004 18:19		Michael F Barrow	1
06054	BTEX+MTBE by 8260B	SW-846 8260B	1	07/07/2004 16:26		Shawn J Rice	1
01146	GC VOA Water Prep	SW-846 5030B	1	07/06/2004 18:19		Michael F Barrow	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	07/07/2004 16:26		Shawn J Rice	n.a.

Lancaster Laboratories Sample No. **WW 4303595**

 MW-3-W-040628 Grab Water
 Facility# 96991 Job# 385296 GRD
 2920 Castro-Castro Valley T0600100324 MW-3
 Collected: 06/28/2004 10:40

Account Number: 10904

 Submitted: 07/01/2004 08:40
 Reported: 07/20/2004 at 15:46
 Discard: 08/20/2004

 ChevronTexaco
 6001 Bollinger Canyon Rd L4210
 San Ramon CA 94583

CASM3

CAT No.	Analysis Name	CAS Number	As Received Result	As Received	Units	Dilution Factor
				Method		
01728	TPH-GRO - Waters	n.a.	N.D.	50. Detection Limit	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.					
05553	TPH - DRO CA LUFT (Waters)	n.a.	95.	50.	ug/l	1
	According to the California LUFT Protocol, the quantitation for Diesel Range Organics was performed by peak area comparison of the sample pattern to that of our #2 fuel oil reference standard (between C10 and C28 normal hydrocarbons).					
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	980.	5.	ug/l	10
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 Method	1	07/06/2004 18:48	Michael F Barrow	1
05553	TPH - DRO CA LUFT (Waters)	CALUFT-DRO/8015B, Modified	1	07/09/2004 04:12	Devin M Hetrick	1
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	07/08/2004 06:50	Marc S Neal	1
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	07/08/2004 07:17	Marc S Neal	10
01146	GC VOA Water Prep	SW-846 5030B	1	07/06/2004 18:48	Michael F Barrow	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	07/08/2004 06:50	Marc S Neal	n.a.
02135	Extraction - DRO Water Special	TPH by CA LUFT	1	07/02/2004 04:15	Eryn E Landis	1

Lancaster Laboratories Sample No. WW 4303596

 MW-6-W-040628 Grab Water
 Facility# 96991 Job# 385296 GRD
 2920 Castro-Castro Valley T0600100324 MW-6
 Collected: 06/28/2004 11:35

Account Number: 10904

 Submitted: 07/01/2004 08:40
 Reported: 07/20/2004 at 15:46
 Discard: 08/20/2004

 ChevronTexaco
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

CASM6

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	100.	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.					
05553	TPH - DRO CA LUFT (Waters)	n.a.	66.	50.	ug/l	1
	According to the California LUFT Protocol, the quantitation for Diesel Range Organics was performed by peak area comparison of the sample pattern to that of our #2 fuel oil reference standard (between C10 and C28 normal hydrocarbons).					
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	18.	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	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
01728	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	07/06/2004 19:17	Michael F Barrow	1
05553	TPH - DRO CA LUFT (Waters)	CALUFT-DRO/8015B, Modified	1	07/09/2004 04:36	Devin M Hetrick	1
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	07/08/2004 07:44	Marc S Neal	1
01146	GC VOA Water Prep	SW-846 5030B	1	07/06/2004 19:17	Michael F Barrow	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	07/08/2004 07:44	Marc S Neal	n.a.
02135	Extraction - DRO Water Special	TPH by CA LUFT	1	07/02/2004 04:15	Eryn E Landis	1

Lancaster Laboratories Sample No. WW 4303597

 MW-7-W-040628 Grab Water
 Facility# 96991 Job# 385296 GRD
 2920 Castro-Castro Valley T0600100324 MW-7
 Collected: 06/28/2004 09:45

Account Number: 10904

 Submitted: 07/01/2004 08:40
 Reported: 07/20/2004 at 15:46
 Discard: 08/20/2004

 ChevronTexaco
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

CASM7

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Units	Dilution Factor
				Method	Detection Limit		
01728	TPH-GRO - Waters	n.a.	2,500.		250.	ug/l	5
	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.						
05553	TPH - DRO CA LUFT (Waters)	n.a.	3,700.		260.	ug/l	5
	Surrogate recovery is outside the QC limits. The sample was reextracted past the method hold time. Surrogate recovery for the reextraction is also outside the limits, indicating matrix interference. The original trial is reported.						
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	300.		5.	ug/l	10
05401	Benzene	71-43-2	2.		0.5	ug/l	1
05407	Toluene	108-88-3	N.D.		0.5	ug/l	1
05415	Ethylbenzene	100-41-4	8.		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 Method	1	07/06/2004 19:46		Michael F Barrow	5
05553	TPH - DRO CA LUFT (Waters)	CALUFT-DRO/8015B, Modified	1	07/09/2004 15:42		Tracy A Cole	5
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	07/09/2004 05:21		Marc S Neal	1
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	07/09/2004 05:48		Marc S Neal	10
01146	GC VOA Water Prep	SW-846 5030B	1	07/06/2004 19:46		Michael F Barrow	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	07/09/2004 05:21		Marc S Neal	n.a.
02135	Extraction - DRO Water Special	TPH by CA LUFT	1	07/02/2004 04:15		Eryn E Landis	1

Quality Control Summary

Client Name: ChevronTexaco
Reported: 07/20/04 at 03:46 PM

Group Number: 902140

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: 041830027A TPH - DRO CA LUFT (Waters)	Sample number(s): 4303595-4303597 N.D.	50.	ug/l	81	88	61-126	7	20
Batch number: 04188A08B TPH-GRO - Waters	Sample number(s): 4303594-4303597 N.D.	50.	ug/l	102	106	70-130	5	30
Batch number: P041891AA Methyl Tertiary Butyl Ether	Sample number(s): 4303594 N.D.	0.5	ug/l	98		77-127		
Benzene	N.D.	0.5	ug/l	98		85-117		
Toluene	N.D.	0.5	ug/l	100		85-115		
Ethylbenzene	N.D.	0.5	ug/l	101		82-119		
Xylene (Total)	N.D.	0.5	ug/l	101		84-120		
Batch number: Z041893AA Ethanol	Sample number(s): 4303595-4303596 N.D.	50.	ug/l	83		46-145		
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	103		77-127		
Benzene	N.D.	0.5	ug/l	98		85-117		
Toluene	N.D.	0.5	ug/l	98		85-115		
Ethylbenzene	N.D.	0.5	ug/l	94		82-119		
Xylene (Total)	N.D.	0.5	ug/l	92		84-120		
Batch number: Z041904AA Ethanol	Sample number(s): 4303597 N.D.	50.	ug/l	114		46-145		
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	100		77-127		
Benzene	N.D.	0.5	ug/l	98		85-117		
Toluene	N.D.	0.5	ug/l	96		85-115		
Ethylbenzene	N.D.	0.5	ug/l	93		82-119		
Xylene (Total)	N.D.	0.5	ug/l	89		84-120		

Sample Matrix Quality Control

<u>Analysis Name</u>	<u>MS %REC</u>	<u>MSD %REC</u>	<u>MS/MSD Limits</u>	<u>RPD</u>	<u>RPD MAX</u>	<u>BKG Conc</u>	<u>DUP Conc</u>	<u>DUP RPD</u>	<u>Dup RPD Max</u>
Batch number: 04188A08B TPH-GRO - Waters	Sample number(s): 4303594-4303597 116		63-154						
Batch number: P041891AA Methyl Tertiary Butyl Ether	Sample number(s): 4303594 97	96	69-134	1	30				
Benzene	104	102	83-128	2	30				
Toluene	106	104	83-127	2	30				
Ethylbenzene	105	105	82-129	0	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: 07/20/04 at 03:46 PM

Group Number: 902140

Sample Matrix Quality Control

Analysis Name	MS ⁿ %REC	MSD %REC	MS/MSD Limits	RPD	RFD MAX	EKG Conc	DUP Conc	DUF RPD	Dup RPD Max
Xylene (Total)	106	105	82-130	1	30				
Batch number: Z041893AA Sample number(s): 4303595-4303596									
Ethanol	68	70	41-155	3	30				
Methyl Tertiary Butyl Ether	121	122	69-134	0	30				
Benzene	111	111	83-128	0	30				
Toluene	106	107	83-127	0	30				
Ethylbenzene	106	106	82-129	1	30				
Xylene (Total)	101	101	82-130	0	30				
Batch number: Z041904AA Sample number(s): 4303597									
Ethanol	100	125	41-155	22	30				
Methyl Tertiary Butyl Ether	100	96	69-134	4	30				
Benzene	100	98	83-128	2	30				
Toluene	99	97	83-127	2	30				
Ethylbenzene	95	93	82-129	2	30				
Xylene (Total)	91	88	82-130	3	30				

Surrogate Quality Control

 Analysis Name: TPH - DRO CA LUFT (Waters)
 Batch number: 041830027A
 Orthoterphenyl

4303595	90
4303596	86
4303597	161*
Blank	83
LCS	98
LCSD	101

Limits: 57-128

 Analysis Name: TPH-GRO - Waters
 Batch number: 04188A08B
 Trifluorotoluene-F₃

4303594	103
4303595	104
4303596	104
4303597	107
Blank	104
LCS	108
LCSD	106
MS	112

Limits: 57-146

 Analysis Name: BTEX+MTBE by 8260B
 Batch number: P041891AA

Dibromofluoromethane 1,2-Dichloroethane-d4 Toluene-d8 4-Bromofluorobenzene

*- 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: 07/20/04 at 03:46 PM

Group Number: 902140

Surrogate Quality Control

4303594	106	104	109	103
Blank	106	104	109	103
LCS	110	110	112	105
MS	107	105	110	103
MSD	107	106	108	104
<hr/>				
Limits:	81-120	82-112	85-112	83-113
Analysis Name: BTEX+5 Oxygenates+EDC+EDB+ETOH				
Batch number: Z041893AA				
	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4303595	90	88	96	86
4303596	90	91	97	87
Blank	90	90	97	85
LCS	90	89	97	89
MS	91	90	95	88
MSD	91	90	96	89
<hr/>				
Limits:	81-120	82-112	85-112	83-113
Analysis Name: BTEX+5 Oxygenates+EDC+EDB+ETOH				
Batch number: Z041904AA				
	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4303597	97	100	107	99
Blank	99	101	106	92
LCS	99	98	106	94
MS	99	100	105	95
MSD	100	100	106	96
<hr/>				
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:

N.D.	none detected	BMQL	Below Minimum Quantitation Level
TNTC	Too Numerous To Count	MPN	Most Probable Number
IU	International Units	CP Units	cobalt-chloroplatinate units
umhos/cm	micromhos/cm	NTU	nephelometric turbidity units
C	degrees Celsius	F	degrees Fahrenheit
meq	milliequivalents	lb.	pound(s)
g	gram(s)	kg	kilogram(s)
ug	microgram(s)	mg	milligram(s)
ml	milliliter(s)	l	liter(s)
m3	cubic meter(s)	ul	microliter(s)
<	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.		
>	greater than		
J	estimated value - The result is \geq the Method Detection Limit (MDL) and $<$ the Limit of Quantitation (LOQ).		
ppm	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.		
ppb	parts per billion		
Dry weight basis	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	
A	TIC is a possible aldol-condensation product	B	Value is $<$ CRDL, but \geq IDL
B	Analyte was also detected in the blank	E	Estimated due to interference
C	Pesticide result confirmed by GC/MS	M	Duplicate injection precision not met
D	Compound quantitated on a diluted sample	N	Spike sample not within control limits
E	Concentration exceeds the calibration range of the instrument	S	Method of standard additions (MSA) used for calculation
N	Presumptive evidence of a compound (TICs only)	U	Compound was not detected
P	Concentration difference between primary and confirmation columns $>$ 25%	W	Post digestion spike out of control limits
U	Compound was not detected	*	Duplicate analysis not within control limits
X,Y,Z	Defined in case narrative	+	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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CHEVRON SERVICE STATION #9-6991
Castro Valley, CA

THIRD QUARTER MONITORING & SAMPLING
EVENT
Of September 13, 2004



GETTLER - RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-6991 Job Number: 385296
 Site Address: 2920 Castro Valley Blvd Event Date: 9/13/09 (inclusive)
 City: Castro Valley, CA Sampler: Jim Herron

Well ID: MW-2 Date Monitored: 9/13/09 Well Condition: ok
 Well Diameter: 8 1/2 in.
 Total Depth: 17.09 ft.
 Depth to Water: 12.88 ft.
 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

xVF .02 = .02 x3 case volume = Estimated Purge Volume: .25 gal.

Purge Equipment:
 Disposable Bailer _____
 Stainless Steel Bailer _____
 Stack Pump _____
 Suction Pump _____
 Grundfos _____
 X Other: _____

Sampling Equipment:
 Disposable Bailer _____
 Pressure Bailer _____
 Discrete Bailer _____
 X Other: _____

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

Start Time (purge): 1020 Weather Conditions: clean
 Sample Time/Date: 9/13/09 Water Color: _____ Odor: _____
 Purging Flow Rate: _____ gpm. Sediment Description: _____
 Did well de-water? yes If yes, Time: 1030 Volume: .02 gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (u mhos/cm)	Temperature (°F)	D.O. (mg/L)	ORP (mV)

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-	x voa vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8260)/ETHANOL(8260)
	x Amber	YES	NP	LANCASTER	TPH-D

COMMENTS: well de watered at .02 gal - wait 1 hr well not recover - checked well at 1230 PM - still not recover

Add/Replaced Lock: _____ Add/Replaced Plug: _____ Size: _____



GETTLER - RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-6991
 Site Address: 2920 Castro Valley Blvd
 City: Castro Valley, CA

Job Number: 385296
 Event Date: 9/13/09 (inclusive)
 Sampler: Jim Hezari

Well ID: MW-3
 Well Diameter: 6 1/2 in.
 Total Depth: 12.96 ft.
 Depth to Water: DP4 ft.

Date Monitored: 9/13/09 Well Condition: OK

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

xVF = _____ x3 case volume = Estimated Purge Volume: _____ 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 Completed: _____ (2400 hrs)
 Depth to Product: _____ ft
 Depth to Water: _____ ft
 Hydrocarbon Thickness: _____ ft
 Visual Confirmation/Description: _____
 Skimmer / Absorbant Sock (circle one)
 Amt Removed from Skimmer: _____ gal
 Amt Removed from Well: _____ gal
 Water Removed: _____
 Product Transferred to: _____

Start Time (purge): _____ Weather Conditions: _____
 Sample Time/Date: 1 Water Color: _____ Odor: _____
 Purging Flow Rate: _____ 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)

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-	x vob vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8260) ETHANOL(8260)
	x Amber	YES	NP	LANCASTER	TPH-D

COMMENTS: Well is DP4 @ 12.96

Add/Replaced Lock: _____ Add/Replaced Plug: _____ Size: _____



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-6991 Job Number: 385296
 Site Address: 2920 Castro Valley Blvd Event Date: 9/13/07 (inclusive)
 City: Castro Valley, CA Sampler: Jim Hezan

Well ID: MW-6 Date Monitored: 9/13/07 Well Condition: oil
 Well Diameter: 3/4" (2) in.
 Total Depth: 23.57 ft.
 Depth to Water: 11.58 ft.
11.93 xVF .17 = 2.02 x3 case volume = Estimated Purge Volume: 6.06 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 Completed: _____ (2400 hrs)
 Depth to Product: _____ ft
 Depth to Water: _____ ft
 Hydrocarbon Thickness: _____ ft
 Visual Confirmation/Description: _____
 Skimmer / Absorbant Sock (circle one)
 Amt Removed from Skimmer: _____ gal
 Amt Removed from Well: _____ gal
 Water Removed: _____
 Product Transferred to: _____

Start Time (purge): 1030 Weather Conditions: clear
 Sample Time/Date: 1055 / 9/13/07 Water Color: cloudy Odor: no
 Purging Flow Rate: — gpm. Sediment Description: 1.2 H₂O
 Did well de-water? no If yes, Time: _____ Volume: _____ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (u mhos/cm)	Temperature (°F)	D.O. (mg/L)	ORP (mV)
<u>1034</u>	<u>2</u>	<u>7.34</u>	<u>427</u>	<u>21.8</u>	_____	_____
<u>1037</u>	<u>4</u>	<u>7.16</u>	<u>457</u>	<u>21.6</u>	_____	_____
<u>1041</u>	<u>6</u>	<u>7.03</u>	<u>460</u>	<u>21.3</u>	_____	_____
_____	_____	_____	_____	_____	_____	_____

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-6</u>	<u>6</u> x vov vial	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-G(8015)/BTX+MTBE(8260)/ETHANOL(8260)</u>
	<u>2</u> x Amber	<u>YES</u>	<u>NP</u>	<u>LANCASTER</u>	<u>TPH-D</u>

COMMENTS: _____

Add/Replaced Lock: _____ Add/Replaced Plug: _____ Size: _____



GETTLER - RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-6991 Job Number: 385296
 Site Address: 2920 Castro Valley Blvd Event Date: 9/13/04 (inclusive)
 City: Castro Valley, CA Sampler: Jim Herzog

Well ID: MW-7 Date Monitored: 9/13/04 Well Condition: OK
 Well Diameter: 3/4" (2) in.
 Total Depth: 19.43 ft.
 Depth to Water: 12.02 ft.
7.41 xVF .17 = 1.25 x3 case volume = Estimated Purge Volume: 3.77 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 X
 Stainless Steel Bailer _____
 Stack Pump _____
 Suction Pump _____
 Grundfos _____
 Other: _____

Sampling Equipment:
 Disposable Bailer X
 Pressure Bailer _____
 Discrete Bailer _____
 Other: _____

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

Start Time (purge): 0910 Weather Conditions: Clean
 Sample Time/Date: 0925 9/13/04 Water Color: cloudy Odor: NO
 Purging Flow Rate: _____ gpm. Sediment Description: 1.25H
 Did well de-water? NO If yes, Time: _____ Volume: _____ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (u mhos/cm)	Temperature (°F)	D.O. (mg/L)	ORP (mV)
<u>0912</u>	<u>1.0</u>	<u>7.31</u>	<u>649</u>	<u>23.5</u>	_____	_____
<u>0915</u>	<u>2.0</u>	<u>7.22</u>	<u>672</u>	<u>23.2</u>	_____	_____
<u>0917</u>	<u>3.0</u>	<u>7.16</u>	<u>693</u>	<u>23.1</u>	_____	_____
_____	_____	_____	_____	_____	_____	_____

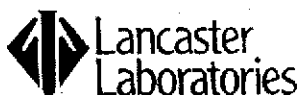
LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-7</u>	<u>6</u> x vov vial	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-G(8015)/BTEX+MTBE(8260)/ETHANOL(8260)</u>
	<u>2</u> x Amber	<u>YES</u>	<u>NP</u>	<u>LANCASTER</u>	<u>TPH-D</u>
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

COMMENTS: _____

Add/Replaced Lock: _____

Add/Replaced Plug: _____ Size: _____



Analysis Report

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax 717-656-2661 • www.lancasterlabs.com

ANALYTICAL RESULTS

Prepared for:

ChevronTexaco
6001 Bollinger Canyon Rd 1.4310
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 912034. Samples arrived at the laboratory on Wednesday, September 15, 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-040913	NA Water	4352053
MW-6-W-040913	Grab Water	4352054
MW-7-W-040913	Grab Water	4352055

1 COPY TO Cambria C/O Gettler- Ryan
ELECTRONIC Gettler-Ryan
COPY TO

Attn: Deanna L. Harding
Attn: Cheryl Hansen



Analysis Report

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2661 • www.lancasterlabs.com

Questions? Contact your Client Services Representative
Megan A Moeller at (717) 656-2300.

Respectfully Submitted,

A handwritten signature in cursive script that reads "Victoria M. Martell".

Victoria M. Martell
Chemist

Lancaster Laboratories Sample No. WW 4352053

 QA-T-040913 NA Water
 Facility# 96991 Job# 385296 GRD
 2920 Castro-Castro Valley T0600100324 QA
 Collected: 09/13/2004

Account Number: 10904

 Submitted: 09/15/2004 08:50
 Reported: 09/24/2004 at 10:58
 Discard: 10/25/2004

 ChevronTexaco
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

QACAS

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.					
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	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
01728	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	09/16/2004 05:22	Linda C Pape	1
06054	BTEX+MTBE by 8260B	SW-846 8260B	1	09/20/2004 07:09	Marc S Neal	1
01146	GC VOA Water Prep	SW-846 5030B	1	09/16/2004 05:22	Linda C Pape	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	09/20/2004 07:09	Marc S Neal	n.a.

Lancaster Laboratories Sample No. WW 4352054

 MW-6-W-040913 Grab Water
 Facility# 96991 Job# 385296 GRD
 2920 Castro-Castro Valley T0600100324 MW-6
 Collected: 09/13/2004 10:55 by JH

Account Number: 10904

 Submitted: 09/15/2004 08:50
 Reported: 09/24/2004 at 10:58
 Discard: 10/25/2004

 ChevronTexaco
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

M6CAS

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Units	Dilution Factor
				Method	Detection Limit		
01728	TPH-GRO - Waters	n.a.	N.D.	50.	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.						
05553	TPH - DRO CA LUFT (Waters)	n.a.	N.D.	50.	50.	ug/l	1
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH						
01587	Ethanol	64-17-5	N.D.	50.	50.	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	17.	0.5	0.5	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.5	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.5	0.5	ug/l	1

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	09/16/2004 13:04	Linda C Pape	1
05553	TPH - DRO CA LUFT (Waters)	CALUFT-DRO/8015B, Modified	1	09/20/2004 13:10	Tracy A Cole	1
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	09/22/2004 11:49	Anita M Dale	1
01146	GC VOA Water Prep	SW-846 5030B	1	09/16/2004 13:04	Linda C Pape	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	09/22/2004 11:49	Anita M Dale	n.a.
02135	Extraction - DRO Water Special	TPH by CA LUFT	1	09/17/2004 02:20	Deborah A Stasiak-Birkenbine	1

Lancaster Laboratories Sample No. WW 4352055

 MW-7-W-040913 Grab# Water
 Facility# 96991 Job# 385296 GRD
 2920 Castro-Castro Valley T0600100324 MW-7
 Collected: 09/13/2004 09:25 by JH

Account Number: 10904

 Submitted: 09/15/2004 08:50
 Reported: 09/24/2004 at 10:58
 Discard: 10/25/2004

 ChevronTexaco
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

M7CAS

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	2,000.	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.					
05553	TPH - DRO CA LUFT (Waters)	n.a.	2,000.	130.	ug/l	5
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH					
01587	Ethanol	64-17-5	N.D.	100.	ug/l	2
02010	Methyl Tertiary Butyl Ether	1634-04-4	700.	10.	ug/l	20
05401	Benzene	71-43-2	1.	1.	ug/l	2
05407	Toluene	108-88-3	N.D.	1.	ug/l	2
05415	Ethylbenzene	100-41-4	4.	1.	ug/l	2
06310	Xylene (Total)	1330-20-7	N.D.	1.	ug/l	2

Due to the level of methyl tertiary butyl ether, 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	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01728	TPH-GRO - Waters	N. CA LUFT Gasoline	1	09/16/2004 13:34	Linda C Pape	1
05553	TPH - DRO CA LUFT (Waters)	Method CALUFT-DRO/8015B, Modified	1	09/20/2004 17:18	Tracy A Cole	5
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	09/22/2004 13:04	Anita M Dale	2
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	09/22/2004 13:29	Anita M Dale	20
01146	GC VOA Water Prep	SW-846 5030B	1	09/16/2004 13:34	Linda C Pape	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	09/22/2004 13:04	Anita M Dale	n.a.
02135	Extraction - DRO Water Special	TPH by CA LUFT	1	09/17/2004 02:20	Deborah A Stasiak- Birkenbine	1

Quality Control Summary

 Client Name: ChevronTexaco
 Reported: 09/24/04 at 10:58 AM

Group Number: 912034

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

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: 04259A16B TPH-GRO - Waters	N.D.	50.	ug/l	96	95	70-130	0	30
Batch number: 042600007A TPH - DRO CA LUFT (Waters)	N.D.	50.	ug/l	79	83	61-126	5	20
Batch number: Z042631AA 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	101		82-119		
Xylene (Total)	N.D.	0.5	ug/l	101		83-113		
Batch number: Z042661AA Ethanol	N.D.	50.	ug/l	83		46-145		
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	96		77-127		
Benzene	N.D.	0.5	ug/l	100		85-117		
Toluene	N.D.	0.5	ug/l	98		85-115		
Ethylbenzene	N.D.	0.5	ug/l	97		82-119		
Xylene (Total)	N.D.	0.5	ug/l	97		83-113		

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: 04259A16B TPH-GRO - Waters	102	103	63-154	1	30				
Batch number: Z042631AA Methyl Tertiary Butyl Ether	(2)	(2)	69-134	1	30				
Benzene	104	105	83-128	1	30				
Toluene	101	104	83-127	3	30				
Ethylbenzene	102	105	82-129	3	30				
Xylene (Total)	100	102	82-130	1	30				
Batch number: Z042661AA Ethanol	83	73	33-153	13	30				
Methyl Tertiary Butyl Ether	95	96	69-134	0	30				
Benzene	101	101	83-128	1	30				
Toluene	99	100	83-127	2	30				
Ethylbenzene	97	100	82-129	3	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: 09/24/04 at 10:58 AM

Group Number: 912034

Sample Matrix Quality Control

<u>Analysis Name</u>	<u>MS</u> <u>%REC</u>	<u>MSD</u> <u>%REC</u>	<u>MS/MSD</u> <u>Limits</u>	<u>RPD</u>	<u>RPD</u> <u>MAX</u>	<u>BKG</u> <u>Conc</u>	<u>DUP</u> <u>Conc</u>	<u>DUP</u> <u>RPD</u>	<u>Dup RPD</u> <u>Max</u>
Xylene (Total)	96	98	82-130	3	30				

Surrogate Quality Control

Analysis Name: TPH-GRO - Waters
Batch number: 04259A16B
Trifluorotoluene-F

4352053	110
4352054	109
4352055	139
Blank	107
LCS	111
LCSD	112
MS	113
MSD	113

Limits: 57-146

Analysis Name: TPH - DRO CA LUFT (Waters)
Batch number: 042600007A
Orthoterphenyl

4352054	84
4352055	100
Blank	78
LCS	108
LCSD	112

Limits: 57-128

Analysis Name: BTEX+MTBE by 8260B
Batch number: Z042631AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4352053	95	91	96	88
Blank	98	97	96	91
LCS	97	97	96	95
MS	101	96	95	97
MSD	100	98	96	95

Limits: 81-120

82-112

85-112

83-113

Analysis Name: BTEX+5 Oxygenates+EDC+EDB+ETOH
Batch number: Z042661AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4352054	99	91	96	89
4352055	95	90	97	90
Blank	93	89	94	88
LCS	95	88	95	91
MS	97	90	94	91

*- 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: 09/24/04 at 10:58 AM

Group Number: 912034

Surrogate Quality Control

MSD	97	92	94	93
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:

N.D.	none detected	BMQL	Below Minimum Quantitation Level
TNTC	Too Numerous To Count	MPN	Most Probable Number
IU	International Units	CP Units	cobalt-chloroplatinate units
umhos/cm	micromhos/cm	NTU	nephelometric turbidity units
C	degrees Celsius	F	degrees Fahrenheit
meq	milliequivalents	lb.	pound(s)
g	gram(s)	kg	kilogram(s)
ug	microgram(s)	mg	milligram(s)
ml	milliliter(s)	l	liter(s)
m3	cubic meter(s)	ul	microliter(s)
<	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.		
>	greater than		
J	estimated value - The result is \geq the Method Detection Limit (MDL) and $<$ the Limit of Quantitation (LOQ).		
ppm	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.		
ppb	parts per billion		
Dry weight basis	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	
A	TIC is a possible aldol-condensation product	B	Value is $<$ CRDL, but \geq IDL
B	Analyte was also detected in the blank	E	Estimated due to interference
C	Pesticide result confirmed by GC/MS	M	Duplicate injection precision not met
D	Compound quantitated on a diluted sample	N	Spike sample not within control limits
E	Concentration exceeds the calibration range of the instrument	S	Method of standard additions (MSA) used for calculation
N	Presumptive evidence of a compound (TICs only)	U	Compound was not detected
P	Concentration difference between primary and confirmation columns $>$ 25%	W	Post digestion spike out of control limits
U	Compound was not detected	*	Duplicate analysis not within control limits
X,Y,Z	Defined in case narrative	+	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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