

RO 268

# C A M B R I A

March 29, 2005

Mr. Barney Chan  
Alameda County Health Care Services (ACHCS)  
Department of Environmental Health  
1311 Harbor Way Parkway, Suite 250  
Alameda, CA 94502-6577

RECEIVED  
APR 14 2005  
Environmental Health Services

Re **Sampling Schedule Modification Request**  
Chevron-Branded Service Station 9-8139  
16304 Foothill Boulevard  
San Leandro, California  
LOP# RO 0000368

Dear Mr. Chan:



Cambria Environmental Technology, Inc. (Cambria) has prepared this Sampling Schedule Modification Request for the site referenced above on behalf of Chevron Environmental Management Company (ChevronTexaco).

### Recommendations in Sampling Schedule Modifications

Based on historical and current hydrocarbon concentrations in groundwater monitoring wells associated with this site, Cambria proposes changes to the current monitoring and sampling schedule. Monitoring wells MW-10, MW-11, MW-12 and MW-13 have mainly been non-detect for hydrocarbons; therefore, we propose discontinuing sampling of MW-10, MW-11 and MW-13, and only sampling MW-12 annually to confirm the methyl tert-butyl ether (MTBE) plume. Additionally, we propose changes to the constituents sampled and reported. For the remaining wells, we propose sampling MW-8, MW-9, MW-14 and EW-2 for total petroleum hydrocarbons as gasoline (TPHg), benzene, toluene, ethylbenzene and xylenes(BTEX), MTBE, tert-amyl methyl ether (TAME) and tert-butyl alcohol (TBA), and MW-12 and EW-3 for TPHg, BTEX and MTBE. All site wells will continue to be gauged quarterly to determine groundwater gradient. The table on the following page depicts the proposed changes to the sampling schedule.

**Cambria  
Environmental  
Technology, Inc.**

4111 Citrus Avenue  
Suite 9  
Rocklin, CA 95677  
Tel (916) 630-1855  
Fax (916) 630-1856

APPROVED BY CAMBRIA  
MARCH 29, 2005

**Cambria**



<b>Table 1</b> <b>Proposed changes to the Monitoring and Sampling Schedule</b> Chevron 9-8139, 16304 Foothill Blvd., San Leandro, California				
Well ID	Current Sampling Frequency	Proposed Sampling Frequency	Current Constituents Sampled	Proposed Constituents
MW-8	Q	Q	TPHg, BTEX, MTBE, DIPE, ETBE, TAME TBA, 1,2-DCA, EDB, Ethanol	<b>TPHg, BTEX, MTBE, TAME, TBA</b>
MW-9	Q	Q	TPHg, BTEX, MTBE, DIPE, ETBE, TAME TBA, 1,2-DCA, EDB, Ethanol	<b>TPHg, BTEX, MTBE, TAME, TBA</b>
MW-10	Q	<b>Discontinue</b>	TPHg, BTEX, MTBE, DIPE, ETBE, TAME TBA, 1,2-DCA, EDB, Ethanol	<b>Discontinue</b>
MW-11	Q	<b>Discontinue</b>	TPHg, BTEX, MTBE, DIPE, ETBE, TAME TBA, 1,2-DCA, EDB, Ethanol	<b>Discontinue</b>
MW-12	Q	A	TPHg, BTEX, MTBE, DIPE, ETBE, TAME TBA, 1,2-DCA, EDB, Ethanol	<b>TPHg, BTEX, MTBE</b> <i>TAME</i>
MW-13	Q	<b>Discontinue</b>	TPHg, BTEX, MTBE, DIPE, ETBE, TAME TBA, 1,2-DCA, EDB, Ethanol	<b>Discontinue</b>
MW-14	Q	Q	TPHg, BTEX, MTBE, DIPE, ETBE, TAME TBA, 1,2-DCA, EDB, Ethanol	<b>TPHg, BTEX, MTBE, TAME, TBA</b>
EW-2	Q	Q	TPHg, BTEX, MTBE, DIPE, ETBE, TAME TBA, 1,2-DCA, EDB, Ethanol	<b>TPHg, BTEX, MTBE, TAME, TBA</b>
EW-3	Q	Q	TPHg, BTEX, MTBE, DIPE, ETBE, TAME TBA, 1,2-DCA, EDB, Ethanol	<b>TPHg, BTEX, MTBE</b> <i>TAME as shown in schedule.</i>
<b>Notes:</b> Q = Quarterly A = Annually Discontinue = Discontinue sampling of well Bold items indicate changes to schedule				

**CONCLUSION**

The proposed changes to the monitoring and sampling schedule will be implemented upon receiving written approval from ACHCS, or after sixty days if no response is received.

**CLOSING**

Please call Sara Giorgi at (916) 630-1855 ext. 103 if you have any questions or comments.

Sincerely,  
**Cambria Environmental Technology, Inc.**



*Sara Giorgi*  
Sara Giorgi  
Senior Staff Geologist

*David W. Herzog*  
David W. Herzog, P.G. #7211  
Senior Project Geologist



Attachments: A – First Quarter 2005 Groundwater Monitoring and Sampling Report

cc: Mr. Dana Thurman, Chevron Environmental Management Company, P.O. Box 6012,  
K2236, San Ramon, CA 94583

R:\9-8139 San Leandro\Reduction Request.doc

**ATTACHMENT A**

**First Quarter 2005 Monitoring and Sampling Report**



# GETTLER-RYAN Inc.

RECEIVED  
MAR 17 2005  
BY \_\_\_\_\_

## TRANSMITTAL

March 16, 2005  
G-R #386461

TO: Mr. Bruce H. Eppler  
Cambria Environmental Technology, Inc.  
4111 Citrus Avenue, Suite 12  
Rocklin, California 95677

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

RE: **Chevron Service Station  
#9-8139  
16304 Foothill Boulevard  
San Leandro, California  
MTI: 61H-1971  
RO 0000368**

WE HAVE ENCLOSED THE FOLLOWING:

COPIES	DATED	DESCRIPTION
1	March 10, 2005	Groundwater Monitoring and Sampling Report First Quarter - Event of February 7, 2005

### COMMENTS:

Pursuant to your request, we are providing you with copies of the above referenced report for **your use and distribution to the following:**

Mr. Dana Thurman, ChevronTexaco Company, P.O. Box 6012, Room K2236, San Ramon, CA 94583

Please provide any comments/changes and propose any groundwater monitoring modifications for the next event prior to **March 31, 2005**, at which time the final report will be distributed to the following:

cc: Mr. Chuck Headlee, RWQCB-S.F. Bay Region, 1515 Clay Street, Suite 1400, Oakland, CA 94612  
Mr. Harv Dahliwal, P.E., G&S Associates, Inc., 4430 Deerfield Way, Danville, CA 94506  
Mr. Barney Chan, Alameda County Health Care Services, Dept. of Environmental Health, 1131 Harbor Bay Parkway, Suite 250, Alameda, CA 94502-6577

Enclosures

trans/9-8139-DT

6747 Sierra Court, Suite J • Dublin, CA 94568 • (925) 551-7555 • Fax (925) 551-7888  
3140 Gold Camp Drive, Suite 170 • Rancho Cordova, CA 95670 • (916) 631-1300 • Fax (916) 631-1317  
1364 N. McDowell Blvd., Suite B2 • Petaluma, CA 94954 • (707) 789-3255 • Fax (707) 789-3218



# GETTLER-RYAN INC.

March 10, 2005  
G-R Job #386461

Mr. Dana Thurman  
ChevronTexaco Company  
P.O. Box 6012, Room K2236  
San Ramon, CA 94583

**RE: First Quarter Event of February 7, 2005**  
Groundwater Monitoring & Sampling Report  
Chevron Service Station #9-8139  
16304 Foothill Boulevard  
San Leandro, California

Dear Mr. Thurman:

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*

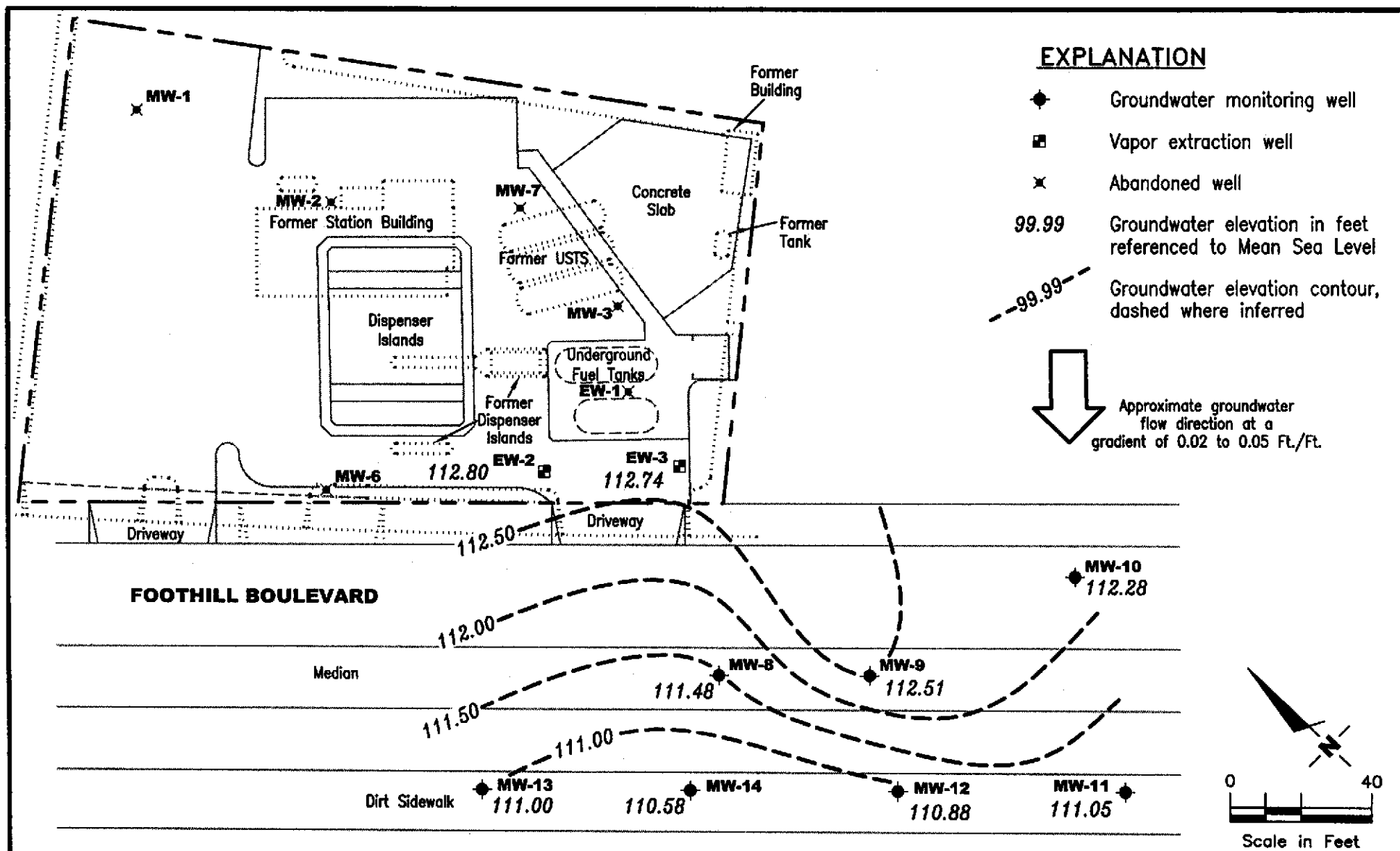
Deanna L. Harding  
Project Coordinator

*Hagop Kevork*

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



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

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

**POTENTIOMETRIC MAP**  
 Chevron Service Station #9-8139  
 16304 Foothill Boulevard  
 San Leandro, California

FIGURE  
**1**

JOB NUMBER 386461	REVIEWED BY	DATE February 7, 2005	REVISED DATE
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**Table 1**  
**Groundwater Monitoring and Analytical Results**  
Chevron Service Station #9-8139  
16304 Foothill Boulevard  
San Leandro, California

WELL ID/ DATE	TOC <sup>a</sup> (%)	DTW (ft.)	S.I. (ft./hgs)	GWE (msl)	SPHT (ft.)	TPH-C (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
<b>MW-1</b>											
12/05/89 <sup>1,3</sup>	127.09	--	--	--	--	<500	<0.5	<0.5	<0.5	<0.5	<0.5
03/23/90	127.09	12.92		114.17	--	--	--	--	--	--	--
05/24/90	127.09	--		--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/06/90 <sup>3</sup>	127.09	14.68		112.41	--	<50	<0.5	0.8	<0.5	<0.5	<0.5
09/25/90	127.09	15.01		112.08	--	--	--	--	--	--	--
11/29/90	127.09	14.82		112.27	--	<50	0.7	0.9	<0.5	1.0	--
02/20/91	127.09	14.29		112.80	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/19/91	127.09	12.16		114.93	--	--	--	--	--	--	--
05/22/91	127.09	13.69		113.40	--	<50	<0.5	<0.5	<0.5	<0.5	--
08/22/91	127.09	15.38		111.71	--	<50	<0.5	<0.5	<0.5	<0.5	--
11/13/91	127.09	15.80		111.29	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/30/92	127.09	14.71		112.38	--	<50	0.5	<0.5	<0.5	0.5	--
04/23/92	127.09	12.22		114.87	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/27/92	127.09	14.30		112.79	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/26/92	127.09	15.90		111.19	--	<50	0.6	<0.5	<0.5	<0.5	--
01/29/93	127.09	10.51		116.58	--	<50	3.0	3.0	0.7	3.0	--
04/30/93	127.09	9.90		117.19	--	<50	<0.5	0.7	<0.5	1.0	--
07/14/93	127.09	12.28		114.81	--	<50	0.7	1.0	<0.5	3.0	--
10/27/93	127.09	15.53		111.56	--	<50	0.9	2.0	<0.5	2.0	--
01/13/94	127.09	12.24		114.85	--	<50	<0.5	0.9	<0.5	<0.5	--
04/22/94	127.09	12.91		114.18	--	<50	1.1	2.6	1.0	5.5	--
07/29/94	127.09	12.75		114.34	--	<50	<0.5	0.9	<0.5	<0.5	--
10/25/94	127.09	13.63		113.46	--	100	0.6	1.6	<0.5	4.1	--
01/19/95	127.09	9.93		117.16	--	<50	<0.5	<0.5	<0.5	<0.5	--
ABANDONED											
<b>MW-2</b>											
12/05/89 <sup>1,3</sup>	--	--	--	--	--	<500	<0.5	<0.5	<0.5	0.9	<0.5
03/23/90	125.98	12.40		113.58	--	--	--	--	--	--	--
05/24/90	125.98	--		--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/06/90 <sup>3</sup>	125.98	14.85		111.13	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/25/90	125.98	14.80		111.18	--	--	--	--	--	--	--



**Table 1**  
**Groundwater Monitoring and Analytical Results**  
Chevron Service Station #9-8139  
16304 Foothill Boulevard  
San Leandro, California

WELL ID/ DATE	TOC* (ft.)	DTW (ft.)	S.I. (ft. hgs)	GWE (msl)	SPHT (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
<b>MW-2 (cont)</b>											
11/29/90	125.98	14.40	--	111.58	--	<50	<0.5	<0.5	<0.5	<0.5	--
02/20/91	125.98	14.09		111.89	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/19/91	125.98	12.62		113.36	--	--	--	--	--	--	--
05/22/91	125.98	12.98		113.00	--	<50	<0.5	<0.5	<0.5	<0.5	--
08/22/91	125.98	14.93		111.05	--	<50	<0.5	<0.5	<0.5	<0.5	--
11/13/91	125.98	15.42		110.56	--	58	<0.5	0.5	0.7	2.3	--
01/30/92	125.98	14.70		111.28	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/23/92	125.98	13.83		112.15	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/27/92	125.98	15.30		110.68	--	<50	<0.5	<0.5	<0.5	1.1	--
10/26/92	125.98	15.62		110.36	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/29/93	125.98	9.26		116.72	--	<50	3.0	8.0	1.0	5.0	--
04/30/93	125.98	9.66		116.32	--	<1,300	<13	<13	<13	<13	--
07/14/93	125.98	11.90		114.08	--	<50	0.8	2.0	0.8	4.0	--
10/27/93	125.98	13.49		112.49	--	<50	1.0	2.0	1.0	2.0	--
01/13/94	125.98	11.99		113.99	--	<50	<0.5	0.6	<0.5	<0.5	--
04/22/94	125.98	12.73		113.25	--	<50	0.6	<0.5	<0.5	1.7	--
07/29/94	125.98	12.30		113.68	--	<50	<0.5	0.9	<0.5	<0.5	--
10/25/94	125.98	13.39		112.59	--	<50	<0.5	0.8	<0.5	2.1	--
01/19/95	125.98	8.71		117.27	--	<50	<0.5	2.3	<0.5	<0.5	--
ABANDONED											
<b>MW-3</b>											
12/05/89 <sup>2,3</sup>	--	--	--	--	--	24,000	2,400	1,800	360	2,600	<0.5
12/05/89 <sup>3</sup>	(D)	--		--	--	24,000	2,500	1,900	390	2,600	<0.5
03/23/90	127.84	17.50		110.34	--	--	--	--	--	--	--
05/24/90	127.84	--		--	--	9,000	2,600	1,700	250	1,500	--
05/24/90	(D)	127.84	--	--	--	10,000	2,600	1,800	260	1,600	--
09/06/90 <sup>3</sup>	126.77	18.72		108.05	--	3,500	900	550	110	460	<0.5
09/25/90	126.77	18.40		108.37	--	--	--	--	--	--	--
11/29/90	126.77	18.97		107.80	--	9,200	1,100	1,100	210	1,100	--
02/20/91	126.77	19.20		107.57	--	8,800	960	780	200	920	--
04/19/91	126.77	17.81		108.96	--	--	--	--	--	--	--

**Table 1**  
**Groundwater Monitoring and Analytical Results**  
Chevron Service Station #9-8139  
16304 Foothill Boulevard  
San Leandro, California

WELL ID/ DATE	TOC* (%)	DTW (ft.)	S.I. (ft./bgs)	GWE (msl)	SPHT (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
<b>MW-3 (cont)</b>											
05/22/91	126.77	17.88	--	108.89	--	28,000	5,800	1,200	460	2,300	--
08/01/91	126.77	19.23		107.54	--	--	--	--	--	--	--
08/22/91	126.77	20.17		106.60	--	21,000	3,100	2,000	480	2,000	--
08/22/91 (D)	126.77	--		--	--	19,000	2,700	1,800	420	1,700	--
11/13/91	126.77	19.95		106.82	--	18,000	2,400	1,200	450	2,200	--
01/30/92	126.77	19.14		107.63	--	18,000	3,800	920	700	2,600	--
04/23/92	126.77	17.75		109.02	--	46,000	5,000	1,900	1,000	3,500	--
07/27/92	126.77	19.00		107.77	--	26,000	4,900	1,100	1,200	3,600	--
10/26/92	126.77	19.62		107.15	--	6,600	1,100	41	220	570	--
01/29/93	126.77	15.95		110.82	--	32,000	5,900	2,900	1,300	5,000	--
04/30/93	126.77	15.67		111.10	--	14,000	6,100	98	870	2,400	--
07/14/93	126.77	16.83		109.94	--	12,000	3,100	1,100	720	2,900	--
10/27/93	126.77	17.70		109.07	--	19,000	7,800	400	1,500	3,400	--
01/13/94	126.77	16.54		110.23	--	51,000	3,700	140	720	1,800	--
04/22/94	126.77	17.02		109.75	--	22,000	9,300	89	1,200	2,400	--
07/29/94	126.77	16.95		109.82	--	13,000	4,700	44	580	420	--
10/25/94	126.77	17.66		109.11	--	24,000	8,700	52	1,500	1,400	--
01/19/95	126.77	13.87		112.90	--	17,000	9,300	36	1,600	740	--
10/12/95	126.77	14.23		112.54	--	37,000	12,000	180	1,800	1,500	13,000
04/11/96	126.77	11.04		115.73	--	19,000	2,400	81	1,400	1,500	6,800
10/03/96	126.77	14.62		112.15	--	--	--	--	--	--	--
ABANDONED											
<b>MW-4</b>											
12/05/89 <sup>3</sup>	--	--	--	--	--	19,000	390	1,300	460	1,800	<0.5
03/23/90	125.22	16.02		109.20	--	--	--	--	--	--	--
05/24/90	125.22	--		--	--	4,500	210	440	140	480	--
09/06/90 <sup>3</sup>	125.22	17.35		107.87	--	6,000	680	520	170	580	<0.5
09/25/90	125.22	17.48		107.74	--	--	--	--	--	--	--
11/29/90	125.22	17.61		107.61	--	15,000	800	1,000	430	1,700	--
02/20/91	125.22	17.81		107.41	--	15,000	640	390	420	1,600	--
02/20/91 (D)	125.22	--		--	--	15,000	680	410	430	1,600	--

**Table 1**  
**Groundwater Monitoring and Analytical Results**  
Chevron Service Station #9-8139  
16304 Foothill Boulevard  
San Leandro, California

WELL ID/ DATE	TOC <sup>a</sup> ( <i>ft.</i> )	DTW ( <i>ft.</i> )	S.I. ( <i>ft. bgs</i> )	GWE ( <i>mst</i> )	SPHT ( <i>ft.</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> )
<b>MW-4 (cont)</b>											
04/19/91	125.22	15.80	--	109.42	--	--	--	--	--	--	--
05/22/91	125.22	16.68	--	108.54	--	9,800	580	140	310	740	--
05/22/91 (D)	125.22	--	--	--	--	7,200	520	130	270	670	--
REDESIGNATED EW-3											
<b>MW-5</b>											
03/23/90	125.85	16.89	--	108.96	--	--	--	--	--	--	--
05/25/90 <sup>4</sup>	125.85	--	--	--	--	28,000	920	1,100	460	1,300	2.4
09/07/90	125.85	18.46	--	107.42**	0.04	--	--	--	--	--	--
09/25/90	125.85	18.87	--	108.02**	1.30	--	--	--	--	--	--
11/29/90	125.85	18.91	--	107.51**	0.71	--	--	--	--	--	--
02/20/91	125.85	16.99	--	109.24**	0.47	--	--	--	--	--	--
04/19/91	125.85	19.30	--	106.93**	0.48	--	--	--	--	--	--
05/22/91	125.85	17.69	--	108.42**	0.33	--	--	--	--	--	--
REDESIGNATED EW-2											
<b>MW-6</b>											
03/23/90	124.18	18.51	--	105.67	--	--	--	--	--	--	--
05/25/90 <sup>5</sup>	124.18	--	--	--	--	<50	<2.0	<3.0	<3.0	<3.0	<0.02
09/07/90 <sup>3</sup>	124.18	16.18	--	108.00	--	<50	<2.0	<3.0	<3.0	<3.0	<0.05
09/25/90	124.18	16.42	--	107.76	--	--	--	--	--	--	--
11/29/90 <sup>3</sup>	124.18	16.11	--	108.07	--	<50	<0.5	<0.5	<0.5	<0.5	<0.05
02/20/91	124.18	16.09	--	108.09	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/19/91	124.18	15.15	--	109.03	--	--	--	--	--	--	--
05/22/91	124.18	15.41	--	108.77	--	<50	0.5	0.7	<0.5	1.1	--
08/23/91	124.18	17.80	--	106.38	--	<50	<0.5	<0.5	<0.5	<0.5	--
11/14/91 <sup>5</sup>	124.18	16.52	--	107.66	--	<50	<0.5	<0.5	<0.5	<0.5	<0.02
11/14/91 <sup>3</sup> (D)	124.18	--	--	--	--	<50	<0.5	0.6	<0.5	1.1	<0.05
01/31/92	124.18	16.48	--	107.70	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/31/92 (D)	124.18	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/23/92	124.18	16.20	--	107.98	--	<50	<0.5	<0.5	<0.5	<0.5	--

**Table 1**  
**Groundwater Monitoring and Analytical Results**  
Chevron Service Station #9-8139  
16304 Foothill Boulevard  
San Leandro, California

WELL ID/ DATE	TOC* (%)	DTW (ft.)	S.I. (ft.hgs)	GWE (msl)	SPHT (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
<b>MW-6 (cont)</b>											
04/23/92	(D) 124.18	--	--	--	--	--	--	--	--	--	--
07/27/92	124.18	16.52		107.66	--	<50	1.2	0.6	<0.5	1.9	--
10/26/92	124.18	17.12		107.06	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/29/93	124.18	13.13		111.05	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/30/93	124.18	14.86		109.32	--	<50	<0.5	<0.5	<0.5	0.6	--
07/14/93	124.18	14.61		109.57	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/27/93	124.18	15.38		108.80	--	<50	0.9	1.0	0.6	1.0	--
01/13/94	124.18	15.34		108.84	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/22/94	124.18	15.07		109.11	--	<50	<0.5	<0.5	<0.5	2.5	--
07/29/94	124.18	15.30		108.88	--	<50	7.5	1.2	1.0	1.1	--
10/25/94	124.18	15.69		108.49	--	<50	<0.5	<0.5	<0.5	1.2	--
01/19/95	124.18	11.49		112.69	--	<50	<0.5	3.1	<0.5	0.6	--
10/11/95	124.18	14.16		110.02	--	--	--	--	--	--	--
11/07/95	124.18	14.30		109.88	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/11/96	124.18	10.63		113.55	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
10/03/96	124.18	13.34		110.84	--	--	--	--	--	--	--
ABANDONED											
<b>MW-7</b>											
03/23/90	126.86	21.40	--	105.46	--	--	--	--	--	--	--
05/25/90 <sup>5</sup>	126.86	--		--	--	<50	<2.0	<3.0	<3.0	<3.0	<0.02
09/07/90	126.86	18.38		108.48	--	--	--	--	--	--	--
09/25/90	126.86	19.25		107.61	--	--	--	--	--	--	--
09/27/90 <sup>3</sup>	126.86	--		--	--	<50	<2.0	<3.0	<3.0	<3.0	<0.05
09/27/90 <sup>3</sup>	(D) 126.86	--		--	--	<50	<2.0	<3.0	<3.0	<3.0	<0.05
11/29/90	126.86	18.55		108.31	--	<50	<0.5	<0.5	<0.5	<0.5	--
02/20/91	126.86	18.55		108.31	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/19/91	126.86	17.33		109.53	--	--	--	--	--	--	--
05/22/91	126.86	17.42		109.44	--	<50	<0.5	<0.5	<0.5	<0.5	--
08/22/91	126.86	19.05		107.81	--	<50	<0.5	<0.5	<0.5	<0.5	--
11/13/91	126.86	21.84		105.02	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/30/92	126.86	22.42		104.44	--	<50	<0.5	<0.5	<0.5	<0.5	--

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San Leandro, California

WELL ID/ DATE	TOC* (ft.)	DTW (ft.)	S.I. (ft. bgs)	GWE (msl)	SPHT (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
<b>MW-7 (cont)</b>											
04/23/92	126.86	22.04	--	104.82	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/27/92	126.86	22.24		104.62	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/26/92	126.86	22.11		104.75	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/29/93	126.86	17.07		109.79	--	<50	4.0	13	2.0	8.0	--
04/30/93	126.86	14.86		112.00	--	<50	<0.5	<0.5	<0.5	0.6	--
07/14/93	126.86	16.10		110.76	--	<50	<0.5	1.0	<0.5	2.0	--
10/27/93	126.86	18.71		108.15	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/13/94	126.86	17.89		108.97	--	<50	<0.5	0.9	<0.5	1.0	--
04/22/94	126.86	16.94		109.92	--	<50	<0.5	<0.5	<0.5	1.3	--
07/29/94	126.86	16.70		110.16	--	74	19	8.2	7.8	11	--
10/25/94	126.86	17.42		109.44	--	<50	<0.5	0.6	<0.5	1.6	--
01/19/95	126.86	13.66		113.20	--	<50	<0.5	1.4	<0.5	<0.5	--
ABANDONED											
<b>MW-8</b>											
09/07/90 <sup>3</sup>	123.61	16.07	--	107.54	--	<50	<0.5	<0.5	<0.5	<0.5	<0.05
09/25/90	123.61	16.20		107.41	--	--	--	--	--	--	--
11/29/90	123.61	16.30		107.31	--	<50	<0.5	<0.5	<0.5	<0.5	--
11/29/90 (D)	123.61	--		--	--	<50	<0.5	<0.5	<0.5	<0.5	--
02/20/91	123.61	16.32		107.29	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/19/91	123.61	14.71		108.90	--	--	--	--	--	--	--
05/22/91	123.61	15.42		108.19	--	<50	0.6	<0.5	<0.5	1.0	--
08/22/91	123.61	17.15		106.46	--	<50	<0.5	<0.5	<0.5	<0.5	--
11/14/91	123.61	16.99		106.62	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/30/92	123.61	16.30		107.31	--	<50	1.0	0.7	<0.5	1.1	--
04/23/92	123.61	15.05		108.56	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/27/92	123.61	16.08		107.53	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/26/92	123.61	16.72		106.89	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/29/93	123.61	12.82		110.79	--	1,400	470	470	37	160	--
04/30/93	123.61	13.54		110.07	--	1,600	<13	15	18	29	--
07/14/93	123.61	14.65		108.96	--	<50	<0.5	0.7	<0.5	2.0	--
10/27/93	123.61	15.04		108.57	--	<50	3.0	4.0	2.0	4.0	--

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WELL ID/ DATE	TOC* (ft.)	DTW (ft.)	S.I. (ft.bgs)	GWE (msl)	SPHT (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
<b>MW-8 (cont)</b>											
01/13/94	123.61	15.14	--	108.47	--	<50	<0.5	4.0	<0.5	<0.5	--
04/22/94	123.61	15.01		108.60	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/28/94	123.61	14.70		108.91	--	69	7.3	18	3.3	12	--
10/25/94	123.61	15.20		108.41	--	<50	<0.5	0.8	<0.5	1.6	--
01/19/95	123.61	12.00		111.61	--	<50	<0.5	3.1	<0.5	0.7	--
05/01/95	123.61	11.40		112.21	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/03/97	123.61	11.72		111.89	--	<200	<2.0	<2.0	<2.0	<2.0	610
10/07/97	123.61	13.60		110.01	--	<50	<0.5	<0.5	<0.5	<0.5	500
04/14/98	123.61	8.75		114.86	--	<50	<0.5	<0.5	<0.5	<0.5	120
10/13/98	123.61	12.72		110.89	--	270	<0.5	<0.5	<0.5	<0.5	2,600
04/16/99	123.61	11.55		112.06	--	480	<2.0	<2.0	<2.0	<2.0	5,000
07/29/99 <sup>6</sup>	123.61	12.35		111.26	--	--	--	--	--	--	--
10/26/99	123.61	12.68		110.93	--	1,890	<5.0	12.1	<5.0	<5.0	39,000
04/07/00 <sup>9</sup>	123.61	11.24		112.37	0.00	<500	<5.0	<5.0	<5.0	<5.0	2,500
10/10/00 <sup>9</sup>	123.61	12.76		110.85	0.00	295 <sup>11</sup>	<0.500	<0.500	<0.500	<0.500	19,500
04/03/01 <sup>9</sup>	123.61	12.09		111.52	0.00	3,340	2.84	3.05	<0.500	2.58	21,500
08/14/01 <sup>13</sup>	123.61	13.06		110.55	0.00	2,800 <sup>14</sup>	<20	<20	<20	<20	25,000
11/16/01	123.61	13.07		110.54	0.00	3,000	<1.0	1.1	<1.0	<3.0	16,000/19,000 <sup>15</sup>
02/15/02	123.61	12.71		110.90	0.00	2,000	<0.50	<0.50	<0.50	<1.5	15,000/19,000 <sup>15</sup>
05/09/02	123.61	12.95		110.66	0.00	3,900	<1.0	<1.0	<1.0	<3.0	16,000/15,000 <sup>15</sup>
08/05/02	123.61	13.51		110.10	0.00	4,000	<1.0	<1.0	<1.0	<3.0	16,000/15,000 <sup>15</sup>
11/04/02	123.61	13.85		109.76	0.00	2,800	<0.50	0.77	<0.50	<1.5	15,000/17,000 <sup>15</sup>
02/05/03	123.61	12.60		111.01	0.00	3,600	<20	<2.5	<2.5	<7.5	16,000/18,000 <sup>15</sup>
05/07/03	123.61	12.00		111.61	0.00	2,800	<2.5	<2.5	<2.5	<7.5	14,000/13,000 <sup>15</sup>
08/11/03 <sup>16</sup>	123.61	13.12		110.49	0.00	2,400	<10	<10	<10	<10	13,000
11/10/03 <sup>16</sup>	123.61	15.16		108.45	0.00	2,600	<10	<10	<10	<10	13,000
02/09/04 <sup>16,17</sup>	123.61	13.16		110.45	0.00	<50	<0.5	<0.5	<0.5	<0.5	140
05/10/04 <sup>16</sup>	123.61	12.75		110.86	0.00	1,900	<5	<5	<5	<5	12,000
08/09/04 <sup>16</sup>	123.61	13.32		110.29	0.00	1,200	<10	<10	<10	<10	7,200
11/08/04 <sup>16</sup>	123.61	13.50		110.11	0.00	710	<1	<1	<1	<1	3,900
02/07/05 <sup>16,17</sup>	123.61	12.13		111.48	0.00	<50	<0.5	<0.5	<0.5	<0.5	12

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WELL ID/ DATE	TOC* (%)	DTW (ft.)	S.I. (ft./bgs)	GWE (msl)	SPHT (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
<b>MW-9</b>											
08/22/91 <sup>3</sup>	124.20	17.60	--	106.60	--	9,600	46	170	98	1,200	<0.05
11/14/91 <sup>3</sup>	124.20	17.48		106.72	--	11,000	130	58	86	1,500	<0.05
01/30/92	124.20	16.71		107.49	--	11,000	210	29	110	1,900	--
04/23/92	124.20	15.23		108.97	--	17,000	180	25	100	1,900	--
07/27/92	124.20	16.72		107.48	--	2,800	59	1.6	18	280	--
10/26/92	124.20	17.22		106.98	--	3,200	38	<0.5	19	200	--
01/29/93	124.20	13.39		110.81	--	1,300	23	6.0	8.0	100	--
04/30/93	124.20	14.00		110.20	--	<1,300	<13	<13	<13	58	--
07/14/93	124.20	15.08		109.12	--	1,300	25	4.0	15	120	--
10/27/93	124.20	15.62		108.58	--	1,100	21	10	19	73	--
01/13/94	124.20	15.59		108.61	--	80	0.7	3.0	0.6	3.0	--
04/22/94	124.20	15.43		108.77	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/29/94	124.20	15.20		109.00	--	1,400	19	11	11	69	--
10/25/94	124.20	15.70		108.50	--	1,200	11	2.0	7.6	28	--
01/19/95	124.20	12.58		111.62	--	380	1.6	4.3	1.5	11	--
05/01/95	124.20	11.96		112.24	--	350	1.1	<0.5	1.8	2.3	--
10/12/95	124.20	13.85		110.35	--	1,700	3.8	<2.5	5.3	7.8	18
04/11/96	124.20	11.87		112.33	--	140	<0.5	<0.5	<0.5	<0.5	2.8
10/03/96	124.20	14.07		110.13	--	53	<0.5	<0.5	<0.5	<0.5	<2.5
04/03/97	124.20	12.38		111.82	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
10/07/97	124.20	14.14		110.06	--	66	1.3	<0.5	<0.5	<0.5	<2.5
04/14/98	124.20	9.55		114.65	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
10/13/98	124.20	12.61		111.59	--	190	<0.5	<0.5	<0.5	<0.5	1,900
04/16/99	124.20	11.01		113.19	--	3,800	<12	<12	<12	<12	4,400
07/29/99 <sup>6</sup>	124.20	12.85		111.35	--	--	--	--	--	--	--
10/26/99	124.20	13.24		110.96	--	88.6	<0.5	<0.5	<0.5	<0.5	530
04/07/00 <sup>9</sup>	124.20	11.68		112.52	0.00	<5,000	<50	<50	<50	<50	27,000
10/10/00 <sup>9</sup>	124.20	13.30		110.90	0.00	<50.0	<0.500	<0.500	<0.500	<0.500	322
04/03/01 <sup>9</sup>	124.20	12.69		111.51	0.00	258	<0.500	<0.500	<0.500	0.743	1,300
08/14/01 <sup>13</sup>	124.20	13.60		110.60	0.00	170 <sup>14</sup>	<0.50	<0.50	<0.50	<0.50	1,300
11/16/01	124.20	13.81		110.39	0.00	100	<0.50	0.99	<0.50	<1.5	330/330 <sup>15</sup>
02/15/02	124.20	13.32		110.88	0.00	<50	<0.50	<0.50	<0.50	<1.5	220/240 <sup>15</sup>
05/09/02	124.20	13.50		110.70	0.00	300	<0.50	<0.50	<0.50	<1.5	970/940 <sup>15</sup>

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<b>MW-9 (cont)</b>											
08/05/02	124.20	14.10	--	110.10	0.00	110	<0.50	<0.50	<0.50	<1.5	470/420 <sup>15</sup>
11/04/02	124.20	14.41		109.79	0.00	110	<0.50	0.67	<0.50	<1.5	530/520 <sup>15</sup>
02/05/03	124.20	13.17		111.03	0.00	70	<0.50	<0.50	<0.50	<1.5	320/340 <sup>15</sup>
05/07/03	124.20	12.65		111.55	0.00	87	<0.5	0.7	<0.5	<1.5	440/390 <sup>15</sup>
08/11/03 <sup>16</sup>	124.20	13.71		110.49	0.00	74	<0.5	<0.5	<0.5	<0.5	370
11/10/03 <sup>16</sup>	124.20	14.27		109.93	0.00	53	<0.5	<0.5	<0.5	<0.5	190
02/09/04 <sup>16,17</sup>	124.20	12.72		111.48	0.00	1,600	<5	<5	<5	<5	8,100
05/10/04 <sup>16</sup>	124.20	13.35		110.85	0.00	<50	<0.5	<0.5	<0.5	<0.5	120
08/09/04 <sup>16</sup>	124.20	13.95		110.25	0.00	<50	<0.5	<0.5	<0.5	<0.5	61
11/08/04 <sup>16</sup>	124.20	14.11		110.09	0.00	<50	<0.5	<0.5	<0.5	<0.5	74
02/07/05 <sup>16,17</sup>	124.20	11.69		112.51	0.00	600	<3	<3	<3	<3	3,200
<b>MW-10</b>											
07/27/92	125.03	17.52	--	107.51	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/27/92	125.03	18.06		106.97	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/29/93	125.03	14.15		110.88	--	<50	<0.5	<0.5	<0.5	0.7	--
04/30/93	125.03	14.68		110.35	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/14/93	125.03	15.80		109.23	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/27/93	125.03	16.33		108.70	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/13/94	125.03	16.29		108.74	--	<50	<0.5	0.5	<0.5	<0.5	--
04/22/94	125.03	16.15		108.88	--	<50	<0.5	<0.5	<0.5	1.1	--
07/29/94	125.03	15.85		109.18	--	<50	0.8	2.1	0.5	1.3	--
10/25/94	125.03	16.41		108.62	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/19/95	125.03	13.29		111.74	--	<50	<0.5	<0.5	<0.5	<0.5	--
05/01/95	125.03	12.60		112.43	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/11/95	125.03	14.54		110.49	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/11/96	125.03	12.47		112.56	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
10/03/96	125.03	14.74		110.29	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/03/97	125.03	12.99		112.04	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
10/07/97	125.03	14.86		110.17	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/14/98	125.03	10.24		114.79	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
10/13/98 <sup>7</sup>	124.69	13.06		111.63	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5



**Table 1**  
**Groundwater Monitoring and Analytical Results**  
 Chevron Service Station #9-8139  
 16304 Foothill Boulevard  
 San Leandro, California

WELL ID/ DATE	TOC* (%)	DTW (ft.)	S.I. (ft./hrs)	GWE (mst)	SPHT (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
<b>MW-10 (cont)</b>											
04/16/99	124.69	11.80	--	112.89	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
10/26/99	124.69	13.43		111.26	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/07/00	124.69	12.00		112.69	0.00	--	--	--	--	--	--
10/10/00	124.69	13.59		111.10	0.00	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50
04/03/01	124.69	13.00		111.69	0.00	<50.0	<0.500	<0.500	<0.500	0.580	<0.500
08/14/01	124.69	13.91		110.78	0.00	<50	<0.50	<0.50	<0.50	<0.50	<2.5
11/16/01	124.69	13.94		110.75	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5/<2 <sup>15</sup>
02/15/02	124.69	13.65		111.04	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5
05/09/02	124.69	13.87		110.82	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5
08/05/02	124.69	14.45		110.24	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5
11/04/02	124.69	14.77		109.92	0.00	<50	<0.50	1.2	<0.50	<1.5	<2.5/<2 <sup>15</sup>
02/05/03	124.69	13.49		111.20	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5
05/07/03	124.69	12.99		111.70	0.00	<50	<0.5	<0.5	<0.5	<1.5	<2.5
08/11/03 <sup>16</sup>	124.69	14.04		110.65	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/10/03 <sup>16</sup>	124.69	15.54		109.15	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
02/09/04 <sup>16</sup>	124.69	13.46		111.23	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/10/04 <sup>16</sup>	124.69	13.69		111.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
08/09/04 <sup>16</sup>	124.69	14.30		110.39	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/08/04 <sup>16</sup>	124.69	14.45		110.24	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
02/07/05 <sup>16</sup>	124.69	12.41		112.28	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
<b>MW-11</b>											
07/27/92	122.92	15.38	--	107.54	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/26/92	122.92	15.97		106.95	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/29/93	122.92	12.24		110.68	--	<50	8.0	16	2.0	10	--
04/30/93	122.92	12.77		110.15	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/14/93	122.92	13.84		109.08	--	<50	<0.5	0.7	<0.5	1.0	--
10/27/93	122.92	14.23		108.69	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/13/94	122.92	14.24		108.68	--	<50	<0.5	1.0	<0.5	<0.5	--
04/22/94	122.92	14.08		108.84	--	<50	<0.5	0.5	<0.5	1.4	--
07/29/94	122.92	13.90		109.02	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/25/94	122.92	14.38		108.54	--	<50	<0.5	<0.5	<0.5	<0.5	--

**Table 1**  
**Groundwater Monitoring and Analytical Results**  
Chevron Service Station #9-8139  
16304 Foothill Boulevard  
San Leandro, California

WELL ID/ DATE	TOC* (%)	DTW (ft.)	S.I. (ft./bgs)	GWE (msf)	SPHT (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
<b>MW-11 (cont)</b>											
01/19/95	122.92	11.45	--	111.47	--	<50	<0.5	1.8	<0.5	<0.5	--
05/01/95	122.92	11.10		111.82	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/11/95	122.92	12.57		110.35	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/11/96	122.92	11.05		111.87	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
10/03/96	122.92	12.92		110.00	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/03/97	122.92	11.22		111.70	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
10/07/97	122.92	13.05		109.87	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/14/98	122.92	9.05		113.87	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
10/13/98	122.92	12.34		110.58	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/16/99	122.92	10.73		112.19	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
10/26/99	122.92	11.97		110.95	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/07/00	122.92	10.90		112.02	0.00	<50	<0.50	<0.50	<0.50	<0.50	<2.5
10/10/00	122.92	12.09		110.83	0.00	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50
04/03/01	122.92	11.59		111.33	0.00	<50.0	<0.500	<0.500	<0.500	<0.500	<0.500
08/14/01	122.92	12.40		110.52	0.00	<50	<0.50	<0.50	<0.50	<0.50	<2.5
11/16/01	122.92	13.45		109.47	0.00	<50	<0.50	0.73	<0.50	<1.5	<2.5/<2 <sup>15</sup>
02/15/02	122.92	12.24		110.68	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5
05/09/02	122.92	12.44		110.48	0.00	<50	<0.50	1.0	<0.50	<1.5	<2.5
08/05/02	122.92	12.97		109.95	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5
11/04/02	122.92	13.28		109.64	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5/<2 <sup>15</sup>
02/05/03	122.92	12.07		110.85	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5
05/07/03	122.92	11.58		111.34	0.00	<50	<0.5	<0.5	<0.5	<1.5	<2.5
08/11/03 <sup>16</sup>	122.92	12.61		110.31	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/10/03 <sup>16</sup>	122.92	13.06		109.86	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
02/09/04 <sup>16</sup>	122.92	12.04		110.88	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/10/04 <sup>16</sup>	122.92	12.24		110.68	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
08/09/04 <sup>16</sup>	122.92	12.85		110.07	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/08/04 <sup>16</sup>	122.92	12.99		109.93	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
02/07/05 <sup>16</sup>	122.92	11.87		111.05	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5

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San Leandro, California

WELL ID/ DATE	TOC* (%)	DTW (ft.)	S.I. (ft. bgs)	GWE (msl)	SPHT (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
<b>MW-12</b>											
09/01/00 <sup>10</sup>	--	11.69	10-28.5	--	--	--	--	--	--	--	--
10/10/00	--	12.13		--	0.00	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50
04/03/01	--	11.35		--	0.00	<50.0	<0.500	<0.500	<0.500	<0.500	<0.500
08/14/01	122.36	12.21		110.15	0.00	<50	<0.50	<0.50	<0.50	<0.50	<2.5
11/16/01	122.36	12.72		109.64	0.00	<50	<0.50	0.59	<0.50	<1.5	<2.5/<2 <sup>15</sup>
02/15/02	122.36	11.98		110.38	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5
05/09/02	122.36	12.17		110.19	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5
08/05/02	122.36	12.69		109.67	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5
11/04/02	122.36	12.98		109.38	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5/<2 <sup>15</sup>
02/05/03	122.36	11.81		110.55	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5
05/07/03	122.36	11.28		111.08	0.00	<50	<0.5	<0.5	<0.5	<1.5	<2.5
08/11/03 <sup>16</sup>	122.36	12.33		110.03	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/10/03 <sup>16</sup>	122.36	12.77		109.59	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
02/09/04 <sup>16</sup>	122.36	11.66		110.70	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/10/04 <sup>16</sup>	122.36	11.90		110.46	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
08/09/04 <sup>16</sup>	122.36	12.56		109.80	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/08/04 <sup>16</sup>	122.36	12.70		109.66	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
02/07/05 <sup>16</sup>	122.36	11.48		110.88	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
<b>MW-13</b>											
09/01/00 <sup>10</sup>	--	11.57	19-34	--	--	--	--	--	--	--	--
10/10/00	--	11.83		--	0.00	<50.0	<0.500	<0.500	<0.500	<0.500	28.0
04/03/01	--	11.46		--	0.00	<50.0	<0.500	<0.500	<0.500	<0.500	<0.500
08/14/01	121.49	12.36		109.13	0.00	<50	<0.50	<0.50	<0.50	<0.50	<2.5
11/16/01	121.49	12.08		109.41	0.00	<50	<0.50	0.64	<0.50	<1.5	<2.5/<2 <sup>15</sup>
02/15/02	121.49	11.81		109.68	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5
05/09/02	121.49	12.00		109.49	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5
08/05/02	121.49	12.48		109.01	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5/<2 <sup>15</sup>
11/04/02	121.49	12.71		108.78	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5/<2 <sup>15</sup>
02/05/03	121.49	11.51		109.98	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5
05/07/03	121.49	10.81		110.68	0.00	<50	<0.5	0.6	<0.5	<1.5	<2.5
08/11/03 <sup>16</sup>	121.49	12.15		109.34	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5

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San Leandro, California

WELL ID/ DATE	TOC* (ft.)	DTW (ft.)	S.I. (ft. hgs)	GWE (mst)	SPHT (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
<b>MW-13 (cont)</b>											
11/10/03 <sup>16</sup>	121.49	12.51	19-34	108.98	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
02/09/04 <sup>16</sup>	121.49	11.56		109.93	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/10/04 <sup>16</sup>	121.49	11.87		109.62	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
08/09/04 <sup>16</sup>	121.49	12.37		109.12	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/08/04 <sup>16,17</sup>	121.49	13.00		108.49	0.00	75	<0.5	<0.5	<0.5	<0.5	400
02/07/05 <sup>16</sup>	121.49	10.49		111.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
<b>MW-14</b>											
09/01/00 <sup>10</sup>	--	11.96	15-30	--	--	--	--	--	--	--	--
10/10/00	--	12.33		--	0.00	79.9 <sup>11</sup>	<0.500	<0.500	<0.500	<0.500	854
04/03/01	--	11.62		--	0.00	494	<0.500	<0.500	<0.500	<0.500	3,150
08/14/01	122.04	12.55		109.49	0.00	<1,000	<10	<10	<10	<10	2,600
11/16/01	122.04	12.55		109.49	0.00	1,500	<0.50	0.84	<0.50	<1.5	7,800/8,200 <sup>15</sup>
02/15/02	122.04	12.31		109.73	0.00	1,100	<0.50	<0.50	<0.50	<1.5	6,300/6,000 <sup>15</sup>
05/09/02	122.04	12.52		109.52	0.00	1,500	<0.50	<0.50	<0.50	<1.5	6,900/6,300 <sup>15</sup>
08/05/02	122.04	12.94		109.10	0.00	870	<0.50	<0.50	<0.50	<1.5	3,700/3,600 <sup>15</sup>
11/04/02	122.04	13.17		108.87	0.00	890	<0.50	<0.50	<0.50	<1.5	4,400/4,700 <sup>15</sup>
02/05/03	122.04	12.41		109.63	0.00	880	<0.50	<0.50	<0.50	<1.5	4,500/4,500 <sup>15</sup>
05/07/03	122.04	11.50		110.54	0.00	530	<0.5	0.6	<0.5	<1.5	2,400/1,800 <sup>15</sup>
08/11/03 <sup>16</sup>	122.04	12.63		109.41	0.00	290	<1	<1	<1	<1	1,500
11/10/03 <sup>16</sup>	122.04	13.06		108.98	0.00	360	<1	<1	<1	<1	1,700
02/09/04 <sup>16</sup>	122.04	12.11		109.93	0.00	300	<1	<1	<1	<1	1,700
05/10/04 <sup>16</sup>	122.04	12.38		109.66	0.00	130	<0.5	<0.5	<0.5	<0.5	630
08/09/04 <sup>16</sup>	122.04	12.88		109.16	0.00	94	<1	<1	<1	<1	570
11/08/04 <sup>16,17</sup>	122.04	12.49		109.55	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
02/07/05 <sup>16</sup>	122.04	11.46		110.58	0.00	51	<0.5	<0.5	<0.5	<0.5	280
<b>EW-1</b>											
05/25/90	--	--	--	--	--	3,900	260	430	64	340	0.03
08/01/91	124.95	17.54		107.41	--	--	--	--	--	--	--
10/27/93	124.95	--		--	--	350	<0.5	<0.5	<0.5	<0.5	--

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San Leandro, California

WELL ID/ DATE	TOC* (fl.)	DTW (fl.)	S.I. (fl. bgs)	GWE (mst)	SPHT (fl.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
<b>EW-1 (cont)</b>											
01/13/94	124.95	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/22/94	124.95	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/29/94	124.95	--	--	--	--	97	0.6	0.5	0.6	5.1	--
01/19/95	124.95	12.63	--	112.32	--	3,000	1,600	100	350	760	--
ABANDONED											
<b>EW-2</b>											
08/01/91	125.79	18.07	--	107.72	--	--	--	--	--	--	--
04/22/94	125.79	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/25/94	125.79	16.69	--	109.10	--	--	--	--	--	--	--
01/19/95	125.79	12.20	--	113.59	--	1,700	540	69	56	400	--
05/01/95	125.79	12.16	--	113.63	--	<50	13	<0.5	<0.5	2.1	--
04/16/99	125.79	10.04	--	115.75	--	3,500	350	160	130	550	3,800
07/29/99	125.79	INACCESSIBLE	--	--	--	--	--	--	--	--	--
10/26/99	125.79	13.82	--	111.97	--	2,760	20.6	17.8	40.2	196	13,300
04/07/00	125.79	10.94	--	114.85	0.00	4,100 <sup>8</sup>	480	21	310	560	6,800
10/10/00	125.79	13.32	--	112.47	0.00	3,010 <sup>12</sup>	14.4	<5.00	61.0	28.2	15,700
04/03/01	125.79	12.57	--	113.22	0.00	2,870	11.2	5.63	50.2	35.3	5,140
08/14/01	125.52	14.31	--	111.21	0.00	<5,000	<50	<50	<50	<50	16,000
11/16/01	125.52	14.21	--	111.31	0.00	2,300	3.2	0.58	13	6.3	4,100/5,300 <sup>15</sup>
02/15/02	125.52	13.74	--	111.78	0.00	3,500	26	<0.50	74	33	6,900/8,200 <sup>15</sup>
05/09/02	125.52	13.98	--	111.54	0.00	3,900	11	<0.50	14	2.5	24,000/22,000 <sup>15</sup>
08/05/02	125.52	14.11	--	111.41	0.00	3,600	<20	<1.0	20	6.5	15,000/14,000 <sup>15</sup>
11/04/02	125.52	14.97	--	110.55	0.00	3,100	7.1	<1.0	1.4	2.1	5,400/5,600 <sup>15</sup>
02/05/03	125.52	13.41	--	112.11	0.00	1,300	4.7	<2.0	0.65	<1.5	1,600/1,700 <sup>15</sup>
05/07/03	125.52	12.61	--	112.91	0.00	1,200	3.6	<2.0	6.5	2.5	1,900/2,400 <sup>15</sup>
08/11/03 <sup>16</sup>	125.52	13.95	--	111.57	0.00	980	<0.5	<0.5	0.5	<0.5	350
11/10/03 <sup>16</sup>	125.52	13.93	--	111.59	0.00	1,700	<0.5	<0.5	3	<0.5	1,500
02/09/04 <sup>16</sup>	125.52	13.59	--	111.93	0.00	1,100	<0.5	<0.5	<0.5	<0.5	840
05/10/04 <sup>16</sup>	125.52	13.32	--	112.20	0.00	1,100	<2	<2	<2	<2	3,800

**Table 1**  
**Groundwater Monitoring and Analytical Results**  
Chevron Service Station #9-8139  
16304 Foothill Boulevard  
San Leandro, California

WELL ID/ DATE	TOC <sup>a</sup> (ft.)	DTW (ft.)	S.I. (ft.bgs)	GWE (msl)	SPHT (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
<b>EW-2 (cont)</b>											
08/09/04 <sup>16</sup>	125.52	14.05	--	111.47	0.00	930	<5	<5	<5	<5	3,000
11/08/04 <sup>16</sup>	125.52	14.31		111.21	0.00	1,200	<0.5	<0.5	0.5	<0.5	240
02/07/05 <sup>16</sup>	125.52	12.72		112.80	0.00	510	<0.5	<0.5	<0.5	<0.5	390
<b>EW-3</b>											
08/01/91	125.22	17.49	--	107.73	--	--	--	--	--	--	--
10/27/93	125.22	--		--	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/13/94	125.22	--		--	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/22/94	125.22	--		--	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/29/94	125.22	--		--	--	<50	1.3	1.3	0.6	5.3	--
10/25/94	125.22	16.20		109.02	--	--	--	--	--	--	--
01/19/95	125.22	12.71		112.51	--	240	45	0.8	22	48	--
04/03/97	125.22	12.33		112.89	--	450	140	<1.2	4.3	3.9	17
10/07/97	125.22	14.58		110.64	--	1,900	510	<5.0	26	8.7	12
04/14/98	125.22	INACCESSIBLE		--	--	--	--	--	--	--	--
10/13/98	125.22	12.48		112.74	--	1,500	130	<2.5	9.0	4.7	3,600
04/16/99	125.22	11.55		113.67	--	3,800	280	37	270	300	2,800
07/29/99	125.22	INACCESSIBLE		--	--	--	--	--	--	--	--
10/26/99	125.22	13.49		111.73	--	710	204	2.87	7.31	11.8	3,760
04/07/00	125.22	11.41		113.81	0.00	1,100 <sup>8</sup>	30	<5.0	20	48	2,800
10/10/00	125.22	13.55		111.67	0.00	119 <sup>12</sup>	2.77	<0.500	4.65	2.77	172
04/03/01	125.22	12.73		112.49	0.00	1,910	22.3	7.23	136	116	16.1
08/14/01	125.21	13.98		111.23	0.00	1,900 <sup>8</sup>	130	<5.0	39	84	710
11/16/01	125.21	14.03		111.18	0.00	8,800	110	20	530	840	99/99 <sup>15</sup>
02/15/02	125.21	13.51		111.70	0.00	1,300	18	1.1	33	27	600/600 <sup>15</sup>
05/09/02	125.21	13.75		111.46	0.00	740	22	<0.50	15	10	390/360 <sup>15</sup>
08/05/02	125.21	14.28		110.93	0.00	8,200	77	21	480	710	<20
11/04/02	125.21	14.92		110.29	0.00	4,300	45	2.9	110	83	<2.5/<2 <sup>15</sup>
02/05/03	125.21	13.34		111.87	0.00	1,800	45	1.7	32	16	<20
05/07/03	125.21	12.87		112.34	0.00	860	14	<2.0	5.3	1.6	180/170 <sup>15</sup>
08/11/03 <sup>16</sup>	125.21	13.86		111.35	0.00	2,500	7	5	190	130	0.7
11/10/03 <sup>16</sup>	125.21	14.53		110.68	0.00	1,600	14	1	43	10	0.8

**Table 1**  
**Groundwater Monitoring and Analytical Results**  
Chevron Service Station #9-8139  
16304 Foothill Boulevard  
San Leandro, California

WELL ID/ DATE	TOC* ( <i>ft.</i> )	DTW ( <i>ft.</i> )	S.I. ( <i>ft. bgs</i> )	GWE ( <i>msl</i> )	SPHT ( <i>ft.</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> )
<b>EW-3 (cont)</b>											
02/09/04 <sup>16</sup>	125.21	13.44	--	111.77	0.00	550	1	<0.5	0.6	<0.5	<0.5
05/10/04 <sup>16</sup>	125.21	13.49		111.72	0.00	170	<0.5	<0.5	<0.5	<0.5	2
08/09/04 <sup>16</sup>	125.21	14.08		111.13	0.00	710	14	<0.5	8	6	190
11/08/04 <sup>16</sup>	125.21	14.37		110.84	0.00	3,300	10	2	280	19	<0.5
02/07/05 <sup>16</sup>	125.21	12.47		112.74	0.00	400	<0.5	<0.5	<0.5	<0.5	<0.5
<b>TRIP BLANK</b>											
<b>TB-LB</b>											
02/20/91	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
05/22/91	--	--		--	--	<50	<0.5	<0.5	<0.5	<0.5	--
05/22/91	--	--		--	--	<50	<0.5	<0.5	<0.5	<0.5	--
11/13/91	--	--		--	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/30/92	--	--		--	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/23/92	--	--		--	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/27/92	--	--		--	--	<0.5	<0.5	<0.5	<0.5	<0.5	--
10/26/92	--	--		--	--	<0.5	<0.5	<0.5	<0.5	<0.5	--
01/29/93	--	--		--	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/30/93	--	--		--	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/14/93	--	--		--	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/27/93	--	--		--	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/13/94	--	--		--	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/22/94	--	--		--	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/29/94	--	--		--	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/25/94	--	--		--	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/19/95	--	--		--	--	<50	<0.5	<0.5	<0.5	<0.5	--
05/01/95	--	--		--	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/12/95	--	--		--	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/11/96	--	--		--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
10/03/96	--	--		--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/03/97	--	--		--	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/07/97	--	--		--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/14/98	--	--		--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5

**Table 1**  
**Groundwater Monitoring and Analytical Results**  
Chevron Service Station #9-8139  
16304 Foothill Boulevard  
San Leandro, California

WELL ID/ DATE	TOC* (%)	DTW (ft.)	S.I. (ft./bgs)	GWE (msl)	SPHT (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
<b>TB-LB (cont)</b>											
10/13/98	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/16/99	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/07/00	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
10/10/00	--	--	--	--	--	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50
04/03/01	--	--	--	--	--	<50.0	<0.500	<0.500	<0.500	<0.500	<0.500
08/14/01	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
<b>QA</b>											
11/16/01	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
02/15/02	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
05/09/02	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
08/05/02	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
11/04/02	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
02/05/03	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
05/07/03	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5
08/11/03 <sup>16</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/10/03 <sup>16</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
02/09/04 <sup>16</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/10/04 <sup>16</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
08/09/04 <sup>16</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/08/04 <sup>16</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
02/07/05 <sup>16</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5



**Table 1**  
**Groundwater Monitoring and Analytical Results**  
Chevron Service Station #9-8139  
16304 Foothill Boulevard  
San Leandro, California

**EXPLANATIONS:**

Groundwater monitoring data and laboratory analytical results prior to April 7, 2000, were compiled from reports prepared by Blaine Tech Services, Inc.

TOC = Top of Casing	SPHT = Separate Phase Hydrocarbon Thickness	(ppb) = Parts per billion
(ft.) = Feet	TPH-G = Total Petroleum Hydrocarbons as Gasoline	-- = Not Measured/Not Analyzed
DTW = Depth to Water	B = Benzene	(D) = Duplicate
S.I. = Screen Interval	T = Toluene	ND = Not Detected
(ft.bgs) = Feet Below Ground Surface	E = Ethylbenzene	QA = Quality Assurance/Trip Blank
GWE = Groundwater Elevation	X = Xylenes	
(msl) = Mean sea level	MTBE = Methyl tertiary butyl ether	

- \* TOC elevations were surveyed on September 16, 2000, by Virgil Chavez Land Surveying. The benchmark used for the survey was a copper disc set in the top of headwall on the east side of Foothill, approximately 158 feet south of Miramar Avenue, stamped EBMUD 17B, (Benchmark Elev. = 127.162 feet, NAVD 29).
- 1 Total Petroleum Hydrocarbons as Diesel (TPH-D) was ND with a detection limit of 1,000 ppb and Total Oil and Grease (TOG) was ND with a detection limit of 5,000 ppb.
- 2 TOG was ND with a detection limit of 5,000 ppb.
- 3 Ethylene dibromide (EDB) was <0.05 ppb.
- 4 EDB was detected at 2.4 ppb.
- 5 EDB was <0.02 ppb.
- 6 ORC installed.
- 7 TOC altered due to wellhead maintenance.
- 8 Laboratory report indicates gasoline C6-C12.
- 9 ORC in well.
- 10 Well development performed.
- 11 Laboratory report indicates unidentified hydrocarbons C6-C8.
- 12 Laboratory report indicates weathered gasoline C6-C12.
- 13 ORC removed from well.
- 14 Laboratory report indicates unidentified hydrocarbons C6-C12.
- 15 MTBE by EPA Method 8260.
- 16 BTEX and MTBE by EPA Method 8260.
- 17 Current laboratory analytical results do not coincide with historical data, and although the laboratory results were confirmed; it appears that the samples were switched.

**Table 2**  
**Groundwater Analytical Results - Oxygenate Compounds**  
Chevron Service Station #9-8139  
16304 Foothill Boulevard  
San Leandro, California

WELL ID	DATE	ETHANOL (ppb)	TBA (ppb)	MTBE (ppb)	DIPE (ppb)	ETBE (ppb)	TAME (ppb)	1,2-DCA (ppb)	EDB (ppb)
MW-8	11/04/02	--	250	17,000	<3.0	<3.0	2,600	<3.0	<3.0
	02/05/03	--	--	18,000	--	--	--	--	--
	05/07/03	--	--	13,000	--	--	--	--	--
	08/11/03	<1,000	<100	13,000	<10	<10	2,200	<10	<10
	11/10/03 <sup>1</sup>	--	--	13,000	--	--	--	--	--
	02/09/04 <sup>2</sup>	<50	<5	140	<0.5	<0.5	22	<0.5	<0.5
	05/10/04	<500	<50	12,000	<5	<5	1,900	<5	<5
	08/09/04	<1,000	<100	7,200	<10	<10	1,100	<10	<10
	11/08/04	<130	<13	3,900	<1	<1	540	<1	<1
	02/07/05 <sup>2</sup>	<50	<5	12	<0.5	<0.5	2	<0.5	<0.5
MW-9	11/04/02	--	<100	520	<2	<2	88	<2	<2
	02/05/03	--	--	340	--	--	--	--	--
	05/07/03	--	--	390	--	--	--	--	--
	08/11/03	<50	<5	370	<0.5	<0.5	69	<0.5	<0.5
	11/10/03 <sup>1</sup>	--	--	190	--	--	--	--	--
	02/09/04 <sup>2</sup>	<500	<50	8,100	<5	<5	1,400	<5	<5
	05/10/04	<50	<5	120	<0.5	<0.5	14	<0.5	<0.5
	08/09/04	<50	<5	61	<0.5	<0.5	7	<0.5	<0.5
	11/08/04	<50	<5	74	<0.5	<0.5	9	<0.5	<0.5
	02/07/05 <sup>2</sup>	<250	<25	3,200	<3	<3	520	<3	<3
MW-10	11/04/02	--	<100	<2	<2	<2	<2	<2	<2
	08/11/03	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	11/10/03 <sup>1</sup>	--	--	<0.5	--	--	--	--	--
	02/09/04	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	05/10/04	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	08/09/04	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	11/08/04	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	02/07/05	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5

**Table 2**  
**Groundwater Analytical Results - Oxygenate Compounds**  
Chevron Service Station #9-8139  
16304 Foothill Boulevard  
San Leandro, California

WELL ID	DATE	ETHANOL (ppb)	TBA (ppb)	MTBE (ppb)	DIPE (ppb)	ETBE (ppb)	TAME (ppb)	1,2-DCA (ppb)	EDB (ppb)
MW-11	11/04/02	--	<100	<2	<2	<2	<2	<2	<2
	08/11/03	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	11/10/03 <sup>1</sup>	--	--	<0.5	--	--	--	--	--
	02/09/04	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	05/10/04	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	08/09/04	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	11/08/04	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	02/07/05	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
MW-12	11/04/02	--	<100	<2	<2	<2	<2	<2	<2
	08/11/03	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	11/10/03 <sup>1</sup>	--	--	<0.5	--	--	--	--	--
	02/09/04	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	05/10/04	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	08/09/04	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	11/08/04	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	02/07/05	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
MW-13	11/04/02	--	<100	<2	<2	<2	<2	<2	<2
	08/11/03	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	11/10/03 <sup>1</sup>	--	--	<0.5	--	--	--	--	--
	02/09/04	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	05/10/04	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	08/09/04	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	11/08/04	<50	<5	400	<0.5	<0.5	59	<0.5	<0.5
	02/07/05	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
MW-14	11/04/02	--	<100	4,700	<2	<2	680	<2	<2
	02/05/03	--	--	4,500	--	--	--	--	--
	05/07/03	--	--	1,800	--	--	--	--	--

**Table 2**  
**Groundwater Analytical Results - Oxygenate Compounds**  
Chevron Service Station #9-8139  
16304 Foothill Boulevard  
San Leandro, California

WELL ID	DATE	ETHANOL (ppb)	TBA (ppb)	MTBE (ppb)	DIPE (ppb)	ETBE (ppb)	TAME (ppb)	1,2-DCA (ppb)	EDB (ppb)
MW-14 (cont)	08/11/03	<100	<10	1,500	<1	<1	270	<1	<1
	11/10/03 <sup>1</sup>	--	--	1,700	--	--	--	--	--
	02/09/04	<100	<10	1,700	<1	<1	230	<1	<1
	05/10/04	<50	<5	630	<0.5	<0.5	96	<0.5	<0.5
	08/09/04	<100	<10	570	<1	<1	76	<1	<1
	11/08/04	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	02/07/05	<50	<5	280	<0.5	<0.5	41	<0.5	<0.5
EW-2	11/04/02	--	550	5,600	<2.0	<2.0	850	<2.0	<2.0
	02/05/03	--	--	1,700	--	--	--	--	--
	05/07/03	--	--	2,400	--	--	--	--	--
	08/11/03	<50	47	350	<0.5	<0.5	120	<0.5	<0.5
	11/10/03 <sup>1</sup>	--	--	1,500	--	--	--	--	--
	02/09/04	<50	110	840	<0.5	<0.5	250	<0.5	<0.5
	05/10/04	<200	300	3,800	<2	<2	640	<2	<2
	08/09/04	<500	<50	3,000	<5	<5	480	<5	<5
	11/08/04	<50	33	240	<0.5	<0.5	110	<0.5	<0.5
	02/07/05	<50	42	390	<0.5	<0.5	140	<0.5	<0.5
EW-3	11/04/02	--	<100	<2	<2	<2	<2	<2	<2
	05/07/03	--	--	170	--	--	--	--	--
	08/11/03	<50	<5	0.7	<0.5	<0.5	<0.5	<0.5	<0.5
	11/10/03 <sup>1</sup>	--	--	0.8	--	--	--	--	--
	02/09/04	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	05/10/04	<50	<5	2	<0.5	<0.5	0.6	<0.5	<0.5
	08/09/04	<50	<5	190	<0.5	<0.5	51	<0.5	<0.5
	11/08/04	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	02/07/05	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5

**Table 2**  
**Groundwater Analytical Results - Oxygenate Compounds**  
Chevron Service Station #9-8139  
16304 Foothill Boulevard  
San Leandro, 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

<sup>1</sup> Analysis inadvertently omitted.

<sup>2</sup> Current laboratory analytical results do not coincide with historical data, and although the laboratory results were confirmed; it appears that the samples were switched.

## 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 #9-8139  
 Site Address: 16304 Foothill Blvd.  
 City: San Leandro, CA

Job Number: 386461  
 Event Date: 2-7-05 (inclusive)  
 Sampler: Joc

Well ID: MW-8 Date Monitored: 2-7-05 Well Condition: o.k.  
 Well Diameter: 2 in.  
 Total Depth: 30.26 ft.  
 Depth to Water: 12.13 ft.  
 Volume Factor (VF): 18.13 xVF 0.17 = 3.08 x3 case volume = Estimated Purge Volume: 9.5 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 Completed: \_\_\_\_\_ (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): 11:05 Weather Conditions: Showers  
 Sample Time/Date: 11:33, 12:05 Water Color: clear Odor: yes  
 Purging Flow Rate: 1 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>11:15</u>	<u>3.5</u>	<u>6.91</u>	<u>1304</u>	<u>69.2</u>	_____	_____
<u>11:18</u>	<u>6</u>	<u>6.89</u>	<u>1309</u>	<u>69.6</u>	_____	_____
<u>11:21</u>	<u>9.5</u>	<u>6.40</u>	<u>1316</u>	<u>69.3</u>	_____	_____

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-8</u>	<u>6</u> x vva 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 #9-8139 Job Number: 386461  
 Site Address: 16304 Foothill Blvd. Event Date: 2-7-05 (inclusive)  
 City: San Leandro, CA Sampler: Joe

Well ID: MW-9 Date Monitored: 2-7-05 Well Condition: o.k.

Well Diameter: 2 in.

Total Depth: 26.47 ft.

Depth to Water: 11.69 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

14.78 xVF 0.17 = 2.51 x3 case volume= Estimated Purge Volume: 8 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: 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): 1038 Weather Conditions: Rain  
 Sample Time/Date: 1100 12-7-05 Water Color: clear Odor: none  
 Purging Flow Rate: 1 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>1047</u>	<u>3</u>	<u>7.36</u>	<u>1582</u>	<u>69.5</u>		
<u>1050</u>	<u>5</u>	<u>7.30</u>	<u>1604</u>	<u>69.6</u>		
<u>1053</u>	<u>8</u>	<u>7.32</u>	<u>1609</u>	<u>70.0</u>		

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-9</u>	<u>6</u> x vov vial	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-G(8015)/BTX+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 #9-8139 Job Number: 386461  
 Site Address: 16304 Foothill Blvd. Event Date: 2-7-05 (inclusive)  
 City: San Leandro, CA Sampler: JOC

Well ID: MW-10 Date Monitored: 2-7-05 Well Condition: See comments  
 Well Diameter: 2 in.  
 Total Depth: 29.26 ft.  
 Depth to Water: 12.91 ft.  
 Volume Factor (VF): 16.85 xVF 0.17 = 2.86 x3 case volume = Estimated Purge Volume: 9 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: 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): 0730 Weather Conditions: Showers  
 Sample Time/Date: 0756/27-05 Water Color: clear Odor: none  
 Purging Flow Rate: 1 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>0738</u>	<u>3</u>	<u>7.64</u>	<u>1332</u>	<u>70.2</u>	_____	_____
<u>0741</u>	<u>6</u>	<u>7.38</u>	<u>1350</u>	<u>69.6</u>	_____	_____
<u>0745</u>	<u>9</u>	<u>7.42</u>	<u>1351</u>	<u>69.7</u>	_____	_____

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-10</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: Well cover can't be secured to box. Picture taken 8-9-04.

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



# GETTLER-RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-8139 Job Number: 386461  
 Site Address: 16304 Foothill Blvd. Event Date: 2-7-05 (inclusive)  
 City: San Leandro, CA Sampler: Joe

Well ID: MW-11 Date Monitored: 2-7-05 Well Condition: o.k.

Well Diameter: 2 in.

Total Depth: 29.31 ft.

Depth to Water: 11.87 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

17.44 x VF 0.17 = 2.96 x3 case volume= Estimated Purge Volume: 9.5 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 Completed: \_\_\_\_\_ (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): 0805 Weather Conditions: Showers

Sample Time/Date: 0835 12-7-05 Water Color: clear Odor: none

Purging Flow Rate: 1 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>0815</u>	<u>3</u>	<u>7.21</u>	<u>1597</u>	<u>70.8</u>		
<u>0818</u>	<u>6</u>	<u>7.32</u>	<u>1561</u>	<u>71.0</u>		
<u>0821</u>	<u>9.5</u>	<u>7.23</u>	<u>1562</u>	<u>70.6</u>		

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-11</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 #9-8139 Job Number: 386461  
 Site Address: 16304 Foothill Blvd. Event Date: 2-7-05 (inclusive)  
 City: San Leandro, CA Sampler: Joe

Well ID: MW-12 Date Monitored: 2-7-05 Well Condition: o.k  
 Well Diameter: 2 in.  
 Total Depth: 27.91 ft.  
 Depth to Water: 11.48 ft.  
16.43 xVF 0.17 = 2.79 x3 case volume = Estimated Purge Volume: 8.5 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 Completed: \_\_\_\_\_ (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: Rain  
 Sample Time/Date: 0910 / 2-7-05 Water Color: clear Odor: none  
 Purging Flow Rate: 1 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>0852</u>	<u>3</u>	<u>7.37</u>	<u>1446</u>	<u>69.5</u>	_____	_____
<u>0855</u>	<u>5</u>	<u>7.47</u>	<u>1472</u>	<u>69.3</u>	_____	_____
<u>0858</u>	<u>8.5</u>	<u>7.52</u>	<u>1470</u>	<u>69.8</u>	_____	_____

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-12</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 #9-8139 Job Number: 386461  
 Site Address: 16304 Foothill Blvd. Event Date: 2-7-05 (inclusive)  
 City: San Leandro, CA Sampler: Joe

Well ID: MW-13 Date Monitored: 2-7-05 Well Condition: o.k.  
 Well Diameter: 2 in.  
 Total Depth: 33.06 ft.  
 Depth to Water: 10.49 ft.  
22.57 x VF 0.17 = 3.84 x3 case volume = Estimated Purge Volume: 12 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: 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): 0920 Weather Conditions: Rain  
 Sample Time/Date: 0948 12-7-05 Water Color: clear Odor: none  
 Purging Flow Rate: 1 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>0923</u>	<u>4</u>	<u>7.66</u>	<u>1319</u>	<u>70.8</u>	_____	_____
<u>0926</u>	<u>8</u>	<u>7.61</u>	<u>1316</u>	<u>69.3</u>	_____	_____
<u>0929</u>	<u>12</u>	<u>7.57</u>	<u>1314</u>	<u>69.5</u>	_____	_____

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-13</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 #9-8139 Job Number: 386461  
 Site Address: 16304 Foothill Blvd. Event Date: 2-7-05 (inclusive)  
 City: San Leandro, CA Sampler: Joe

Well ID: MW-14 Date Monitored: 2-7-05 Well Condition: o.k.  
 Well Diameter: 2 in.  
 Total Depth: 28.35 ft.  
 Depth to Water: 11.46 ft.  
16.89 xVF 0.17 = 2.87 x3 case volume = Estimated Purge Volume: 9 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: 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): 0957 Weather Conditions: showers  
 Sample Time/Date: 1025 12-7-05 Water Color: clear Odor: none  
 Purging Flow Rate: 1 gpm. Sediment Description: \_\_\_\_\_  
 Did well de-water? \_\_\_\_\_ If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (C/E)	D.O. (mg/L)	ORP (mV)
<u>1010</u>	<u>3</u>	<u>6.93</u>	<u>1502</u>	<u>71.3</u>		
<u>1013</u>	<u>6</u>	<u>6.96</u>	<u>1480</u>	<u>70.5</u>		
<u>1016</u>	<u>9</u>	<u>6.94</u>	<u>1476</u>	<u>70.4</u>		

**LABORATORY INFORMATION**

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-14</u>	<u>6 x vva 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 #9-8139  
 Site Address: 16304 Foothill Blvd.  
 City: San Leandro, CA

Job Number: 386461  
 Event Date: 2-7-05 (inclusive)  
 Sampler: Joe

Well ID: EW-2  
 Well Diameter: 4 in.  
 Total Depth: 29.98 ft.  
 Depth to Water: 12.72 ft.  
17.26

Date Monitored: 2-7-05 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

$xVF \ 0.66 = 1139 \times \text{case volume} = \text{Estimated Purge Volume: } 34 \text{ gal.}$

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: 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): 1230 Weather Conditions: Overcast  
 Sample Time/Date: 1255 2-7-05 Water Color: clear Odor: yes  
 Purging Flow Rate: 2.5 gpm. Sediment Description: \_\_\_\_\_  
 Did well de-water? \_\_\_\_\_ If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity ( $\mu$ mhos/cm)	Temperature (C/F)	D.O. (mg/L)	ORP (mV)
<u>1240</u>	<u>11</u>	<u>6.89</u>	<u>1168</u>	<u>69.0</u>		
<u>1244</u>	<u>23</u>	<u>6.73</u>	<u>1196</u>	<u>68.9</u>		
<u>1248</u>	<u>34</u>	<u>6.72</u>	<u>1192</u>	<u>69.3</u>		

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>EW-2</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 #9-8139  
 Site Address: 16304 Foothill Blvd.  
 City: San Leandro, CA

Job Number: 386461  
 Event Date: 2-7-05 (inclusive)  
 Sampler: 502

Well ID: EW-3 Date Monitored: 2-7-05 Well Condition: o.k.  
 Well Diameter: 4 in.  
 Total Depth: 29.83 ft.  
 Depth to Water: 12.47 ft.  
17.36 xVF 0.66 = 11.46 x3 case volume = Estimated Purge Volume: 35 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: 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): 1140 Weather Conditions: cloudy  
 Sample Time/Date: 1215 12-7-05 Water Color: clear Odor: yes  
 Purging Flow Rate: 2.5 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>1149</u>	<u>11</u>	<u>6.56</u>	<u>1232</u>	<u>69.0</u>	_____	_____
<u>1153</u>	<u>23</u>	<u>6.58</u>	<u>1235</u>	<u>69.4</u>	_____	_____
<u>1157</u>	<u>35</u>	<u>6.54</u>	<u>1230</u>	<u>69.2</u>	_____	_____

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>EW-3</u>	<u>6</u> x vva 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: \_\_\_\_\_

# Chevron California Region Analysis Request/Chain of Custody



020905-08

Acct. #: 10904

For Lancaster Laboratories use only  
Sample #: 446255-364

Group# 931372  
SCR#:

**Cambria MTI Project # 61H-1971**

Facility #: SS#9-8139 G-R#386461 Global ID#T0600100303  
 Site Address: 6304 FOOTHILL BLVD., SAN LEANDRO, CA  
 Chevron PMTI \_\_\_\_\_ Lead Consultant: CAMBRIABE  
 Consultant/Office: G-R, Inc., 6747 Sierra Court, Suite J, Dublin, Ca. 94568  
 Consultant Prj. Mgr.: Deanna L. Harding (deanna@grinc.com)  
 Consultant Phone: 925-551-7555 Fax #: 925-551-7899  
 Sampler: JOE ASEMIAN  
 Service Order #: \_\_\_\_\_  Non SAR:

Matrix		Analyses Requested												
		Preservation Codes												
Soil	Water	Oil	Air	Preservative Codes							Total Number of Containers			
<input type="checkbox"/> Potable <input type="checkbox"/> NPDES	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	H	N	S								
				<input type="checkbox"/> BTEX + MTBE 8260	<input checked="" type="checkbox"/> 8021	<input type="checkbox"/> TPH 8015 MCO GRO	<input type="checkbox"/> TPH 8015 MCO DRO	<input type="checkbox"/> Silica Gel Cleanup	<input type="checkbox"/> 8260 Full scan	<input checked="" type="checkbox"/> 8	<input type="checkbox"/> Oxygenates (8260)	<input type="checkbox"/> Lead 7420	<input type="checkbox"/> 7421	

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

J value reporting needed  
 Must meet lowest detection limits possible for 8260 compounds

**8021 MTBE Confirmation**  
 Confirm highest hit by 8260  
 Confirm all hits by 8260  
 Run \_\_\_ oxy s on highest hit  
 Run \_\_\_ oxy s on all-hits

Sample Identification	Date Collected	Time Collected	Grab	Composite	Soil	Water	Oil	Air	Total Number of Containers
QA			<input checked="" type="checkbox"/>						2
MW-8	2-7-05	1133							6
MW-9		1100							6
MW-10		0756							6
MW-11		0835							6
MW-12		0910							6
MW-13		0948							6
MW-14		1025							6
EW-2		1255							6
EW-3		1215							6

**Comments / Remarks**

**Turnaround Time Requested (TAT) (please circle)**  
 STD. TAT: 72 hour, 48 hour, 24 hour, 4 day, 5 day  
**Data Package Options (please circle if required)**  
 QC Summary Type I — Full  
 Type VI (Raw Data)  Coelt Deliverable not needed  
 WIP (RWQCB) **EDF/EDD**  
 Disk

Relinquished by: <i>[Signature]</i>	Date: 2-8-05	Time: 0540	Received by:	Date:	Time:
Relinquished by: <i>[Signature]</i>	Date: 2/9/05	Time: 1330	Received by: <i>[Signature]</i>	Date: 2/9/05	Time: 1330
Relinquished by: <i>[Signature]</i>	Date: 2/9/05	Time: 1500	Received by: <i>[Signature]</i>	Date: 2/9/05	Time: 0855
Relinquished by Commercial Carrier: UPS      FedEx      Other: <u>DHL</u>	Temperature Upon Receipt: <u>15.20° C</u>		Received by: <i>[Signature]</i>	Date: 2/9/05	Time: 0855
Custody Seals Intact?			Yes	No	



**ANALYTICAL RESULTS**

Prepared for:

ChevronTexaco c/o Cambria  
Suite 9  
4111 Citrus Avenue  
Rocklin CA 95677  
916-630-1855

Prepared by:

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

RECEIVED

FEB 10 2005  
GETTLER RYAN INC.  
GENERAL CONTRACTORS**SAMPLE GROUP**

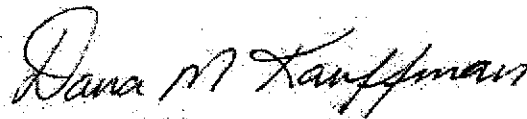
The sample group for this submittal is 931372. Samples arrived at the laboratory on Thursday, February 10, 2005. The PO# for this group is 99011184 and the release number is MTI.

<u>Client Description</u>			<u>Lancaster Labs Number</u>
QA-T-050207	NA	Water	4462555
MW-8-W-050207	Grab	Water	4462556
MW-9-W-050207	Grab	Water	4462557
MW-10-W-050207	Grab	Water	4462558
MW-11-W-050207	Grab	Water	4462559
MW-12-W-050207	Grab	Water	4462560
MW-13-W-050207	Grab	Water	4462561
MW-14-W-050207	Grab	Water	4462562
EW-2-W-050207	Grab	Water	4462563
EW-3-W-050207	Grab	Water	4462564

1 COPY TO  
ELECTRONIC  
COPY TO  
Cambria C/O Gettler- Ryan  
Gettler-RyanAttn: Deanna L. Harding  
Attn: Cheryl Hansen

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

Respectfully Submitted,



Dana M. Kauffman  
Group Leader



# Analysis Report

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Page 1 of 1

Lancaster Laboratories Sample No. WW 4462555

QA-T-050207 NA Water  
 Facility# 98139 Job# 386461 MTI# 61H-1971 GRD  
 16304 Foothill-S Leandro T0600100303 QA  
 Collected: 02/07/2005

Account Number: 10904

Submitted: 02/10/2005 08:55  
 Reported: 02/24/2005 at 13:09  
 Discard: 03/27/2005

ChevronTexaco c/o Cambria  
 Suite 9  
 4111 Citrus Avenue  
 Rocklin CA 95677

163QA

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters 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.	n.a.	N.D.	50.	ug/l	1
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 Date and Time	Analyst	Dilution Factor
01728	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	02/12/2005 12:59	K. Robert Caulfeild-James	1
06054	BTEX+MTBE by 8260B	SW-846 8260B	1	02/15/2005 05:40	Dawn M Harle	1
01146	GC VOA Water Prep	SW-846 5030B	1	02/12/2005 12:59	K. Robert Caulfeild-James	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	02/15/2005 05:40	Dawn M Harle	n.a.

Lancaster Laboratories Sample No. WW 4462556

 MW-8-W-050207' Grab Water  
 Facility# 98139 Job# 386461 MTI# 61H-1971 GRD  
 16304 Foothill-S Leandro T0600100303 MW-8  
 Collected: 02/07/2005 11:33 by JA

Account Number: 10904

 Submitted: 02/10/2005 08:55  
 Reported: 02/24/2005 at 13:09  
 Discard: 03/27/2005

 ChevronTexaco c/o Cambria  
 Suite 9  
 4111 Citrus Avenue  
 Rocklin CA 95677

163M8

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.						
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	12.	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	2.	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	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
01728	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	02/12/2005 19:08	K. Robert Caulfeild-James	1
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	02/15/2005 04:13	Dawn M Harle	1
01146	GC VOA Water Prep	SW-846 5030B	1	02/12/2005 19:08	K. Robert Caulfeild-James	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	02/15/2005 04:13	Dawn M Harle	n.a.

Lancaster Laboratories Sample No. **WW 4462557**

 MW-9-W-050207                      Grab              Water  
 Facility# 98139 Job# 386461 MTI# 61H-1971      GRD  
 16304 Foothill-S Leandro T0600100303 MW-9  
 Collected: 02/07/2005 11:00              by JA

Account Number: 10904

 Submitted: 02/10/2005 08:55  
 Reported: 02/24/2005 at 13:09  
 Discard: 03/27/2005

 ChevronTexaco c/o Cambria  
 Suite 9  
 4111 Citrus Avenue  
 Rocklin CA 95677

163M9

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	600.	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.						
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH					
01587	Ethanol	64-17-5	N.D.	250.	ug/l	5
02010	Methyl Tertiary Butyl Ether	1634-04-4	3,200.	13.	ug/l	25
02011	di-Isopropyl ether	108-20-3	N.D.	3.	ug/l	5
02013	Ethyl t-butyl ether	637-92-3	N.D.	3.	ug/l	5
02014	t-Amyl methyl ether	994-05-8	520.	3.	ug/l	5
02015	t-Butyl alcohol	75-65-0	N.D.	25.	ug/l	5
05401	Benzene	71-43-2	N.D.	3.	ug/l	5
05402	1,2-Dichloroethane	107-06-2	N.D.	3.	ug/l	5
05407	Toluene	108-88-3	N.D.	3.	ug/l	5
05412	1,2-Dibromoethane	106-93-4	N.D.	3.	ug/l	5
05415	Ethylbenzene	100-41-4	N.D.	3.	ug/l	5
06310	Xylene (Total)	1330-20-7	N.D.	3.	ug/l	5

The reporting limits for the GC/MS volatile compounds were raised because sample dilution was necessary to bring target compounds into the calibration range of the system.

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	02/12/2005 23:58		K. Robert Caulfeild-James	5
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	02/15/2005 04:38		Dawn M Harle	5
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	02/15/2005 05:02		Dawn M Harle	25
01146	GC VOA Water Prep	SW-846 5030B	1	02/12/2005 23:58		K. Robert Caulfeild-James	5
01163	GC/MS VOA Water Prep	SW-846 5030B	1	02/15/2005 04:38		Dawn M Harle	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	2	02/15/2005 05:02		Dawn M Harle	n.a.



# Analysis Report

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Lancaster Laboratories Sample No. WW 4462558

MW-10-W-050207 Grab Water  
 Facility# 98139 Job# 386461 MTI# 61H-1971 GRD  
 16304 Foothill-S Leandro T0600100303 MW-10  
 Collected: 02/07/2005 07:56 by JA

Account Number: 10904

Submitted: 02/10/2005 08:55  
 Reported: 02/24/2005 at 13:09  
 Discard: 03/27/2005

ChevronTexaco c/o Cambria  
 Suite 9  
 4111 Citrus Avenue  
 Rocklin CA 95677

16310

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	02/12/2005 19:37	K. Robert Caulfeild-James	1
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	02/15/2005 05:27	Dawn M Harle	1
01146	GC VOA Water Prep	SW-846 5030B	1	02/12/2005 19:37	K. Robert Caulfeild-James	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	02/15/2005 05:27	Dawn M Harle	n.a.

Lancaster Laboratories Sample No. WW 4462559

MW-11-W-050207 Grab Water  
 Facility# 98139 Job# 386461 MTI# 61H-1971 GRD  
 16304 Foothill-S Leandro T0600100303 MW-11  
 Collected: 02/07/2005 08:35 by JA

Account Number: 10904

Submitted: 02/10/2005 08:55  
 Reported: 02/24/2005 at 13:09  
 Discard: 03/27/2005

ChevronTexaco c/o Cambria  
 Suite 9  
 4111 Citrus Avenue  
 Rocklin CA 95677

16311

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	02/12/2005 20:06	K. Robert Caulfeild-James	1
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	02/15/2005 05:52	Dawn M Harle	1
01146	GC VOA Water Prep	SW-846 5030B	1	02/12/2005 20:06	K. Robert Caulfeild-James	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	02/15/2005 05:52	Dawn M Harle	n.a.



# Analysis Report

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Page 1 of 1

Lancaster Laboratories Sample No. WW 4462560

MW-12-W-050207 Grab Water  
Facility# 98139 Job# 386461 MTI# 61H-1971 GRD  
16304 Pothill-S Leandro T0600100303 MW-12  
Collected: 02/07/2005 09:10 by JA

Account Number: 10904

Submitted: 02/10/2005 08:55  
Reported: 02/24/2005 at 13:09  
Discard: 03/27/2005

ChevronTexaco c/o Cambria  
Suite 9  
4111 Citrus Avenue  
Rocklin CA 95677

16312

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.						
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		Analyst	Dilution Factor
				Date and Time			
01728	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	02/12/2005 20:36		K. Robert Caulfeild-James	1
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	02/15/2005 06:17		Dawn M Harle	1
01146	GC VOA Water Prep	SW-846 5030B	1	02/12/2005 20:36		K. Robert Caulfeild-James	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	02/15/2005 06:17		Dawn M Harle	n.a.



Lancaster Laboratories Sample No. WW 4462561

 MW-13-W-050207 Grab Water  
 Facility# 98139 Job# 386461 MTI# 61H-1971 GRD  
 16304 Foothill-S Leandro T0600100303 MW-13  
 Collected: 02/07/2005 09:48 by JA

Account Number: 10904

 Submitted: 02/10/2005 08:55  
 Reported: 02/24/2005 at 13:09  
 Discard: 03/27/2005

 ChevronTexaco c/o Cambria  
 Suite 9  
 4111 Citrus Avenue  
 Rocklin CA 95677

16313

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	02/12/2005 22:31	K. Robert Caulfeild-James	1
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	02/15/2005 06:42	Dawn M Harle	1
01146	GC VOA Water Prep	SW-846 5030B	1	02/12/2005 22:31	K. Robert Caulfeild-James	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	02/15/2005 06:42	Dawn M Harle	n.a.

Lancaster Laboratories Sample No. WW 4462562

 MW-14-W-050207 Grab Water  
 Facility# 98139 Job# 386461 MTI# 61H-1971 GRD  
 16304 Foothill-S Leandro T0600100303 MW-14  
 Collected: 02/07/2005 10:25 by JA

Account Number: 10904

 Submitted: 02/10/2005 08:55  
 Reported: 02/24/2005 at 13:09  
 Discard: 03/27/2005

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 4111 Citrus Avenue  
 Rocklin CA 95677

16314

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	51.	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	280.	2.	ug/l	4
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	41.	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	02/12/2005 23:00	K. Robert Caulfeild-James	1
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	02/15/2005 07:07	Dawn M Harle	1
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	02/15/2005 14:05	Ginelle L Haines	4
01146	GC VOA Water Prep	SW-846 5030B	1	02/12/2005 23:00	K. Robert Caulfeild-James	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	02/15/2005 07:07	Dawn M Harle	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	2	02/15/2005 14:05	Ginelle L Haines	n.a.

Lancaster Laboratories Sample No. WW 4462563

 EW-2-W-050207 Grab Water  
 Facility# 98139 Job# 386461 MTI# 61H-1971 GRD  
 16304 Foothill-S Leandro T0600100303 EW-2  
 Collected: 02/07/2005 12:55 by JA

Account Number: 10904

 Submitted: 02/10/2005 08:55  
 Reported: 02/24/2005 at 13:09  
 Discard: 03/27/2005

 ChevronTexaco c/o Cambria  
 Suite 9  
 4111 Citrus Avenue  
 Rocklin CA 95677

163E2

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Dilution Factor
				Method	Units	
01728	TPH-GRO - Waters	n.a.	510.	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	390.	3.	ug/l	5
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	140.	0.5	ug/l	1
02015	t-Butyl alcohol	75-65-0	42.	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	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
01728	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	02/15/2005 06:23	Linda C Pape	1
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	02/15/2005 14:30	Ginelle L Haines	1
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	02/15/2005 14:54	Ginelle L Haines	5
01146	GC VOA Water Prep	SW-846 5030B	1	02/15/2005 06:23	Linda C Pape	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	02/15/2005 14:30	Ginelle L Haines	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	2	02/15/2005 14:54	Ginelle L Haines	n.a.

Lancaster Laboratories Sample No. WW 4462564

EW-3-W-050207 Grab Water  
 Facility# 98139 Job# 386461 MTI# 61H-1971 GRD  
 16304 Foothill-S Leandro T0600100303 EW-3  
 Collected: 02/07/2005 12:15 by JA

Account Number: 10904

Submitted: 02/10/2005 08:55  
 Reported: 02/24/2005 at 13:09  
 Discard: 03/27/2005

ChevronTexaco c/o Cambria  
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 4111 Citrus Avenue  
 Rocklin CA 95677

163E3

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	400.	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+EDE+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	02/15/2005 06:52	Linda C Pape	1
01594	BTEX+5 Oxygenates+EDC+EDE+ETOH	SW-846 8260B	1	02/15/2005 15:19	Ginelle L Haines	1
01146	GC VOA Water Prep	SW-846 5030B	1	02/15/2005 06:52	Linda C Pape	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	02/15/2005 15:19	Ginelle L Haines	n.a.

## Quality Control Summary

 Client Name: ChevronTexaco c/o Cambria  
 Reported: 02/24/05 at 01:09 PM

Group Number: 931372

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: 05043A16A TPH-GRO - Waters	N.D.	50.	ug/l	109	110	70-130	1	30
Sample number(s): 4462555-4462556, 4462558-4462560								
Batch number: 05043A16B TPH-GRO - Waters	N.D.	50.	ug/l	109	110	70-130	1	30
Sample number(s): 4462557, 4462561-4462562								
Batch number: 05046A16A TPH-GRO - Waters	N.D.	50.	ug/l	100	103	70-130	3	30
Sample number(s): 4462563-4462564								
Batch number: Z050453AA Ethanol	N.D.	50.	ug/l			46-145		
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	91		77-127		
di-Isopropyl ether	N.D.	0.5	ug/l	89		67-130		
Ethyl t-butyl ether	N.D.	0.5	ug/l	91		74-120		
t-Amyl methyl ether	N.D.	0.5	ug/l	94		79-113		
t-Butyl alcohol	N.D.	5.	ug/l	90		57-141		
Benzene	N.D.	0.5	ug/l	92		85-117		
1,2-Dichloroethane	N.D.	0.5	ug/l	89		77-132		
Toluene	N.D.	0.5	ug/l	93		85-115		
1,2-Dibromoethane	N.D.	0.5	ug/l	93		81-114		
Ethylbenzene	N.D.	0.5	ug/l	92		82-119		
Xylene (Total)	N.D.	0.5	ug/l	93		83-113		
Sample number(s): 4462556-4462562								
Batch number: Z050454AA Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	91		77-127		
Benzene	N.D.	0.5	ug/l	90		85-117		
Toluene	N.D.	0.5	ug/l	97		85-115		
Ethylbenzene	N.D.	0.5	ug/l	94		82-119		
Xylene (Total)	N.D.	0.5	ug/l	96		83-113		
Sample number(s): 4462555								
Batch number: Z050461AA Ethanol	N.D.	50.	ug/l	98		46-145		
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	93		77-127		
di-Isopropyl ether	N.D.	0.5	ug/l	90		67-130		
Ethyl t-butyl ether	N.D.	0.5	ug/l	92		74-120		
t-Amyl methyl ether	N.D.	0.5	ug/l	95		79-113		
t-Butyl alcohol	N.D.	5.	ug/l	91		57-141		
Benzene	N.D.	0.5	ug/l	93		85-117		
1,2-Dichloroethane	N.D.	0.5	ug/l	91		77-132		
Toluene	N.D.	0.5	ug/l	93		85-115		
1,2-Dibromoethane	N.D.	0.5	ug/l	94		81-114		
Ethylbenzene	N.D.	0.5	ug/l	93		82-119		
Xylene (Total)	N.D.	0.5	ug/l	94		83-113		
Sample number(s): 4462562-4462564								

\*- 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 c/o Cambria  
 Reported: 02/24/05 at 01:09 PM

Group Number: 931372

### 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: 05043A16A TPH-GRO - Waters	Sample number(s): 4462555-4462556, 4462558-4462560 123 63-154								
Batch number: 05043A16B TPH-GRO - Waters	Sample number(s): 4462557, 4462561-4462562 123 63-154								
Batch number: 05046A16A TPH-GRO - Waters	Sample number(s): 4462563-4462564 115 63-154								
Batch number: Z050453AA	Sample number(s): 4462556-4462562								
Ethanol	100	105	33-153	5	30				
Methyl Tertiary Butyl Ether	96	95	69-134	1	30				
di-Isopropyl ether	95	93	75-130	2	30				
Ethyl t-butyl ether	97	95	78-119	3	30				
t-Amyl methyl ether	99	99	77-117	0	30				
t-Butyl alcohol	92	94	51-147	2	30				
Benzene	101	99	83-128	2	30				
1,2-Dichloroethane	95	92	73-136	3	30				
Toluene	100	100	83-127	0	30				
1,2-Dibromoethane	96	96	78-120	1	30				
Ethylbenzene	100	100	82-129	1	30				
Xylene (Total)	101	100	82-130	1	30				
Batch number: Z050454AA	Sample number(s): 4462555								
Methyl Tertiary Butyl Ether	94	96	69-134	2	30				
Benzene	101	101	83-128	0	30				
Toluene	108	111	83-127	3	30				
Ethylbenzene	104	106	82-129	2	30				
Xylene (Total)	105	108	82-130	2	30				
Batch number: Z050461AA	Sample number(s): 4462562-4462564								
Ethanol	96	102	33-153	7	30				
Methyl Tertiary Butyl Ether	108	102	69-134	2	30				
di-Isopropyl ether	94	94	75-130	0	30				
Ethyl t-butyl ether	96	96	78-119	0	30				
t-Amyl methyl ether	100	100	77-117	0	30				
t-Butyl alcohol	97	95	51-147	1	30				
Benzene	101	100	83-128	1	30				
1,2-Dichloroethane	95	95	73-136	0	30				
Toluene	97	97	83-127	0	30				
1,2-Dibromoethane	95	93	78-120	2	30				
Ethylbenzene	92	92	82-129	0	30				
Xylene (Total)	92	91	82-130	0	30				

### Surrogate Quality Control

 Analysis Name: TPH-GRO - Waters  
 Batch number: 05043A16A  
 Trifluorotoluene-F

\*- 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 c/o Cambria  
 Reported: 02/24/05 at 01:09 PM

Group Number: 931372

### Surrogate Quality Control

4462555	103
4462556	103
4462558	102
4462559	102
4462560	102
Blank	102
LCS	106
LCSD	107
MS	106

Limits: 57-146

 Analysis Name: TPH-GRO - Waters  
 Batch number: 05043A16B  
 Trifluorotoluene-F

4462557	102
4462561	103
4462562	102
Blank	102
LCS	106
LCSD	107
MS	106

Limits: 57-146

 Analysis Name: TPH-GRO - Waters  
 Batch number: 05046A16A  
 Trifluorotoluene-F

4462563	106
4462564	112
Blank	102
LCS	106
LCSD	108
MS	105

Limits: 57-146

 Analysis Name: BTEX+5 Oxygenates+EDC+EDB+ETOH  
 Batch number: 2050453AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4462556	95	87	92	88
4462557	93	86	92	88
4462558	95	88	91	87
4462559	96	89	91	87
4462560	94	88	92	88
4462561	94	89	92	87
4462562	94	87	91	87
Blank	94	87	92	87
LCS	93	88	91	90
MS	94	87	91	90
MSD	94	87	92	89

Limits:	81-120	82-112	85-112	83-113
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\*- 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 c/o Cambria  
Reported: 02/24/05 at 01:09 PM

Group Number: 931372

### Surrogate Quality Control

Analysis Name: BTEX+MTBE by 8260B  
Batch number: Z050454AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4462555	100	92	103	86
Blank	101	93	103	87
LCS	99	94	101	94
MS	99	92	101	93
MSD	99	93	101	94
Limits:	81-120	82-112	85-112	83-113

Analysis Name: BTEX+5 Oxygenates+EDC+EDE+ETOH  
Batch number: Z050461AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4462563	93	87	93	90
4462564	94	86	92	90
Blank	94	87	92	87
LCS	93	87	91	90
MS	94	88	91	91
MSD	94	88	91	90
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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