



# GETTLER-RYAN INC.

## TRANSMITTAL

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 Alameda County  
 Environmental Health

October 4, 2004

G-R #386448

DOUBLE-SIDED

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

store # 261128 Date 10/4/04  
 Unit # 1128 Code GMW  
 Description CHEVRON Q3 04 GMW

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

RE: **Chevron Service Station**  
**#9-1924**  
**4904 Southfront Road**  
**Livermore, California**  
**MTI: 61D-1961**

WE HAVE ENCLOSED THE FOLLOWING.

COPIES	DATED	DESCRIPTION
2	October 4, 2004	Groundwater Monitoring and Sampling Report Third Quarter - Event of September 2, 2004

### COMMENTS.

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

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

Please provide any comments/changes and propose any groundwater monitoring modifications for the next event prior to **October 21, 2004**, at which time the final report will be distributed to the following

- cc Ms Barney Chan, Alameda County Health Care Services, Dept of Environmental Health, 1131 Harbor Bay Parkway, Suite 250, Alameda, CA 94502-6577
- Ms Liz Sewell, ConocoPhillips, 76 Broadway, Sacramento, CA 95818

Enclosures

trans-9-1924 ks



# GETTLER-RYAN Inc.

October 4, 2004  
G-R Job #386448

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

**RE: Third Quarter Event of September 2, 2004**  
Groundwater Monitoring & Sampling Report  
Chevron Service Station #9-1924  
4904 Southfront Road  
Livermore, California

Dear Ms Streich

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

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

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

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

Sincerely,

*Anomaria Norcan*  
-FOR-

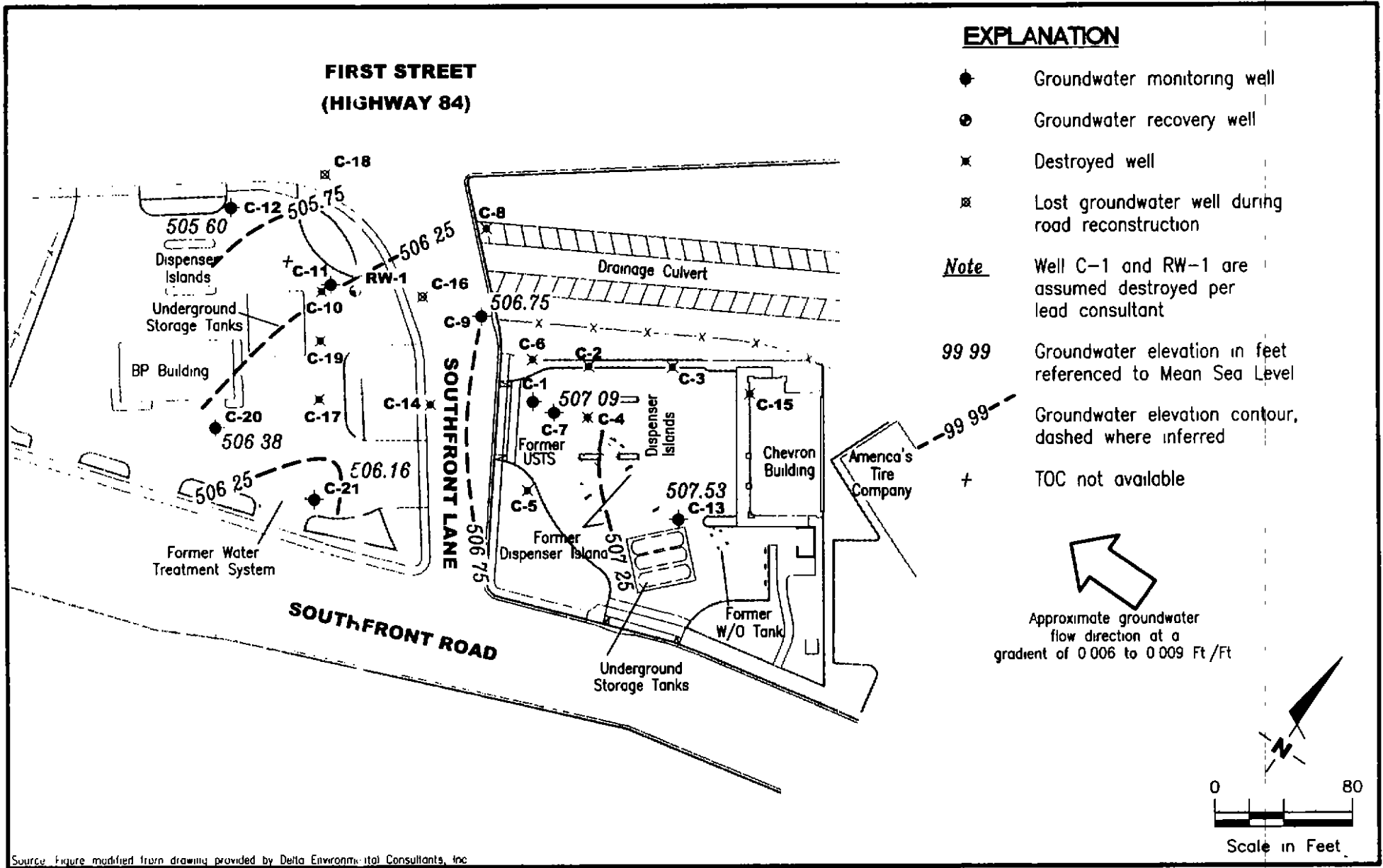
Deanna L. Harding  
Project Coordinator

*Robert A. Lauritzen*  
for

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
Table 3	Groundwater Analytical Results
Attachments	Standard Operating Procedure - Groundwater Sampling Field Data Sheets Chain of Custody Document and Laboratory Analytical Reports



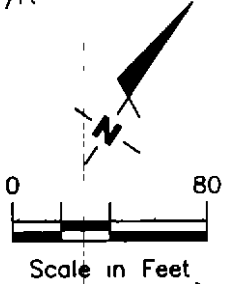
**EXPLANATION**

- Groundwater monitoring well
- ⊙ Groundwater recovery well
- ✕ Destroyed well
- ⊠ Lost groundwater well during road reconstruction

Note Well C-1 and RW-1 are assumed destroyed per lead consultant

- 99.99 Groundwater elevation in feet referenced to Mean Sea Level
- - - - - Groundwater elevation contour, dashed where inferred
- + TOC not available

Approximate groundwater flow direction at a gradient of 0.006 to 0.009 Ft/Ft



Source: Figure modified from drawing provided by Delta Environmental Consultants, Inc

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

**POTENTIOMETRIC MAP**  
 Chevron Service Station #9-1924  
 4904 Southfront Road  
 Livermore, California

FIGURE  
**1**

PROJECT NUMBER <b>386448</b>	REVIEWED BY	DATE <b>September 2, 2004</b>	REVISED DATE
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**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-1924  
4904 Southfront Road  
Livermore, California

WELL ID/ DATE	TOC* (%)	GWE (msl)	DTW (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)
C-7										
03/28/86	520.30	508.63	11.67	--	--	--	--	--	--	--
03/15/88	520.30	506.82	13.48	8,000	98	690	120	120	--	--
05/10/88	520.30	506.70	13.60	--	--	--	--	--	--	--
06/10/88	520.30	505.62	14.68	--	--	--	--	--	--	--
07/25/88	520.30	506.87	13.43	--	--	--	--	--	--	--
10/13/88	520.30	506.69	13.61	16,000	4,400	220	1,000	3,000	--	--
01/01/89	520.30	507.64	12.66	--	--	--	--	--	--	--
01/12/89	520.30	--	--	8,000	950	47	670	640	--	--
04/12/89	520.30	506.70	13.60	6,000	1,100	30	760	370	--	ND
06/26/89	520.30	506.42	13.88	6,000	1,300	50	600	340	--	ND
10/13/89	520.30	506.49	13.81	3,900	1,300	ND	160	150	--	--
01/03/90	520.30	506.59	13.71	5,600	1,200	13	180	200	--	--
05/08/90	520.30	506.45	13.85	3,500	1,100	15	110	140	--	--
09/29/90	520.30	506.50	13.80	2,400	580	ND	46	68	--	--
01/03/91	520.30	506.59	13.71	2,500	300	2.0	110	120	--	--
04/12/91	520.30	506.84	13.46	2,300	190	1.0	81	87	--	--
09/04/91	520.30	506.21	14.09	--	--	--	--	--	--	--
10/07/91	520.30	--	--	4,700	170	1.9	97	59	--	--
04/06/92	520.30	507.28	13.02	2,400	95	0.8	110	100	--	--
07/28/92	520.30	506.54	13.76	2,000	120	3.4	110	110	--	--
10/16/92	520.30	505.88	14.42	2,700	130	4.2	68	74	--	--
01/14/93	520.30	509.32	10.98	7,800	160	33	380	210	--	--
03/26/93	520.30	509.69	10.61	1,400	39	9.0	28	15	--	--
04/22/93	520.30	508.46	11.84	3,800	130	18	43	36	--	--
07/20-21/93 <sup>1</sup>	520.30	504.94	15.36	1,900	35	18	61	87	--	--
10/20/93	520.30	506.89	13.41	5,500	72	26	250	160	--	--
01/20/94 <sup>1</sup>	520.30	507.11	13.19	3,600	12	12	150	69	--	--
04/21/94	520.30	506.97	13.33	2,100	62	11	170	68	--	--

**Table 1**  
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Chevron Service Station #9-1924  
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Livermore, California

WELL ID/ DATE	TOC* (%)	GWE (msl)	DTW (ft)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)
C-7 (cont)										
07/21-22/94	520 30	506 91	13 39	1 700	50	4 4	110	22	--	--
01/18/95	520 30	508 71	11 59	920	16	<0 5	30	12	--	--
04/17/95	520 30	508 56	11 74	730	4 3	1 6	12	1 8	--	--
07/18/95	520 30	508 32	11 98	1 200	63	<5 0	12	<5 0	--	--
10/17/95	520 30	507 82	12 48	1 100	45	<5 0	12	<5 0	8 100	--
01/18/96	520 30	508 90	11 40	930	7 3	<5 0	<5 0	<5 0	1 900	--
04/17/96	520 30	509 34	10 96	980	5 5	<1 0	7 4	1 1	340	--
07/16/96	520 30	508 79	11 51	1 400	96	<5 0	11	9 9	3 000	--
10/16/96	520 30	508 30	12 00	4,100	40	<5 0	7 5	5 5	3 800	--
03/23/01	520 30	508 50	11 80	329	<0 500	<0 500	<0 500	<0 500	33 2/38 <sup>1</sup>	--
09/28/01	520 30	508 17	12 13	1 100	3 8	<1 0	3 2	<5 0	130	--
12/28/01	520 30	509 18	11 12	800	3 1	2 6	2 6	1 6	42	--
03/29/02	520 30	508 65	11 65	360	0 73	<0 50	1 4	2 7	13/12 <sup>4</sup>	--
06/13/02	520 30	508 01	12 29	1,100	2 1	<2 0	3 3	6 4	35	--
09/10/02	520 30	508 11	12 19	460	<0 50	<0 50	0 69	<1 5	52	--
12/09/02	520 30	508 04	12 26	1 200	3 1	1 4	3 5	5 5	70	--
03/04/03	520 30	508 54	11 76	260	<2 0	<0 50	0 97	<1 5	12/11 <sup>4</sup>	--
06/06/03 <sup>5</sup>	521 16	507 80	13 36	610	<0 5	<0 5	0 9	<0 5	20	--
09/04/03 <sup>5</sup>	521 16	507 25	13 91	970	1	<0 5	1	<0 5	86	--
12/03/03 <sup>5</sup>	521 16	507 40	13 76	1,100	0 5	<0 5	1	0 6	77	--
03/01/04 <sup>5</sup>	521 16	508 71	12 45	--	<0 5	<0 5	0 7	<0 5	15	--
06/29/04 <sup>5</sup>	521 16	507 31	13 85	1,100	<0 5	<0 5	0 9	<0 5	48	--
09/02/04 <sup>5</sup>	521 16	507 09	14 07	500	<0 5	<0 5	<0 5	<0 5	60	--
C-9										
03/28/86	519 52	508 28	11 24	--	--	--	--	--	--	--
03/15/88	519 52	506 60	12 92	29,000	540	560	580	3 900	--	--

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
 Chevron Service Station #9-1924  
 4904 Southfront Road  
 Livermore, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	TPH-G (pph)	B (pph)	T (pph)	E (pph)	X (pph)	MTBE (pph)	TOG (pph)
C-9 (cont)										
05/10/88	519.52	506.40	13.12	--	--	--	--	--	--	--
06/10/88	519.52	505.36	14.16	--	--	--	--	--	--	--
07/25/88	519.52	506.52	13.00	--	--	--	--	--	--	--
10/13/88	519.52	506.39	13.13	2.200	57	8.0	20	150	--	--
01/01/89	519.52	507.33	12.19	--	--	--	--	--	--	--
01/12/89	519.52	--	--	2.000	39	12	51	46	--	--
04/12/89	519.52	506.41	13.11	6.000	16	20	55	240	--	ND
04/11/89	519.52	506.41	13.11	6.000	14	25	45	290	--	--
06/26/89	519.52	506.12	13.40	3.900	37	63	140	690	--	ND
10/13/89	519.52	506.06	13.46	1.300	7.0	ND	26	50	--	ND
01/03/90	519.52	506.22	13.30	1.500	ND	0.7	202	37	--	--
05/07/90	519.52	506.04	13.48	7.100	21	33	89	500	--	--
09/20/90	519.52	506.13	13.39	1.000	21	3.9	31	110	--	--
01/03/91	519.72	506.44	13.28	3.200	ND	ND	32	140	--	--
01/12/91	519.72	506.72	13.00	--	--	--	--	--	--	--
09/04/91	519.72	506.11	13.61	--	--	--	--	--	--	--
04/06/92	519.72	507.18	12.54	2.800	ND	ND	33	130	--	--
07/28/92	519.72	506.27	13.45	1.000	6.5	2.4	17	37	--	--
10/16/92	519.72	505.74	13.98	190.000	ND	730	960	2.000	--	--
01/11/93	519.72	509.28	10.44	2.200	ND	ND	27	77	--	--
03/26/93	519.72	--	--	--	--	--	--	--	--	--
04/22/93	519.72	508.29	11.43	7.300	60	40	68	98	--	--
07/20-21/93	519.72	504.52	15.20	30.000	160	130	450	1.100	--	--
10/20/93	519.72	506.76	12.96	36.000	22	200	440	930	--	--
01/20/94	519.72	506.88	12.84	12.000	55	57	27	210	--	--
04/21/94	519.72	506.58	13.14	2.200	11	12	23	19	--	--
07/21-22/94	519.72	506.77	12.95	1.100	ND	4.0	14	10	--	--
01/18/95	519.72	508.57	11.15	2.100	9.2	13	19	13	--	--

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WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)
C-9 (cont)										
04/17/95	519.72	508.41	11.31	3.800	4.8	3.6	5.9	7.2	--	--
07/18/95	519.72	508.06	11.66	1.700	<2.0	<2.0	9.6	8.3	--	--
10/17/95	519.72	507.99	11.73	1.200	<1.2	<1.2	2.2	1.3	450	--
01/18/96	519.72	509.04	10.68	1.400	3.1	<2.5	<2.5	<2.5	750	--
04/17/96	519.72	509.67	10.05	480	0.94	<0.5	1.7	1.1	380	--
07/16/96	519.72	508.80	10.92	290	2.7	<0.5	2.0	3.3	420	--
10/16/96	519.72	508.42	11.30	2.200	13	<10	<10	.10	1.300	--
04/10/97	519.72	508.52	11.20	680	<5.0	<5.0	<5.0	5.0	630	--
10/20/97	519.72	508.28	11.44	650	11	<5.0	8.1	7.2	1.000	--
04/30/98	519.72	509.11	10.61	880	4.4	3.9	2.0	8.5	200	--
10/07/98	519.72	508.87	10.85	<50	0.68	<0.5	<0.5	<0.5	130	--
04/14/99	519.72	508.89	10.83	534	3.28	<0.5	3.0	<0.5	94.4	--
01/21/00	519.72	508.82	10.90	937	<0.5	0.718	1.64	1.3	144	--
03/23/01	519.72	508.44	11.28	434	<0.500	<0.500	<0.500	<0.500	19.7/22 <sup>4</sup>	--
09/28/01	519.72	508.14	11.58	480	0.92	<1.0	1.1	<5.0	21	--
12/28/01	519.72	509.01	10.71	340	1.0	0.51	<2.0	<5.0	17	--
03/29/02	519.72	508.55	11.17	350	0.67	<0.50	<2.0	5.0	18/16 <sup>4</sup>	--
06/13/02	519.72	507.93	11.79	300	0.50	<0.50	<1.0	3.0	5.9	--
09/10/02	519.72	508.20	11.52	320	<0.50	0.57	<1.0	2.6	6.8	--
12/09/02	519.72	507.99	11.73	400	<0.50	0.78	1.5	5.5	14/15 <sup>4</sup>	--
03/07/03	519.72	508.33	11.39	340	0.85	0.55	1.1	<5.0	5.6/5 <sup>4</sup>	--
06/06/03 <sup>5</sup>	519.64	507.42	12.22	220	<0.5	<0.5	<0.5	<1	4	--
09/04/03 <sup>5</sup>	519.64	506.92	12.72	290	<0.5	<0.5	<0.5	<1.0	39	--
12/03/03 <sup>5</sup>	519.64	507.03	12.61	310	<0.5	<0.7	<0.8	<1.6	49	--
03/01/04 <sup>5</sup>	519.64	508.32	11.32	--	<0.5	<0.5	<0.5	.0.5	10	--
06/29/04 <sup>5</sup>	519.64	506.99	12.65	470	<0.5	<0.5	<0.5	.0.5	16	--
09/02/04 <sup>5</sup>	519.64	506.75	12.89	1,200	<0.5	<0.5	<0.5	<0.5	7	--

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Chevron Service Station #9-1924  
4904 Southfront Road  
Livermore, California

WELL ID/ DATE	TOC* (%)	GWE (msl)	DTW (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)
C-11										
03/28/86	520.04	506.22	13.82	--	--	--	--	--	--	--
03/15/88	520.04	505.55	14.49	--	--	--	--	--	--	--
05/10/88	520.04	505.73	14.31	--	--	--	--	--	--	--
06/10/88	520.04	504.57	15.47	--	--	--	--	--	--	--
07/25/88	520.04	506.44	13.60	--	--	--	--	--	--	--
10/14/88	520.04	505.51	14.53	2.0	240	33	4.7	67	--	--
01/01/89	520.04	505.94	14.10	--	--	--	--	--	--	--
01/12/89	520.04	--	--	ND	ND	0.8	ND	ND	--	--
04/12/89	520.04	505.68	14.36	ND	4.3	ND	ND	ND	--	ND
06/26/89	520.04	505.46	14.58	ND	2.0	ND	ND	ND	--	4.0
10/13/89	520.04	505.33	14.71	ND	ND	ND	ND	ND	--	ND
01/03/90	520.04	505.43	14.61	ND	ND	ND	ND	0.7	--	--
05/08/90	520.04	504.51	15.53	110	12	11	0.9	22	--	--
09/28/90	520.04	504.53	15.51	ND	2.0	1.4	ND	3.3	--	--
01/03/91	520.04	505.41	14.63	ND	2.0	ND	ND	2.0	--	--
04/12/91	520.04	505.74	14.30	--	--	--	--	--	--	--
09/04/91	520.04	505.20	14.84	--	--	--	--	--	--	--
01/06/92	520.04	506.48	13.56	ND	ND	ND	ND	ND	--	--
07/28/92	520.04	505.65	14.39	ND	ND	ND	ND	ND	--	--
10/16/92	520.04	504.25	15.79	ND	ND	ND	ND	ND	--	--
01/14/93	520.04	507.90	12.14	94	ND	1.3	0.7	6.0	--	--
03/26/93	520.04	508.23	11.81	130	2.0	ND	0.6	1.0	--	--
04/22/93	520.04	507.10	12.94	ND	0.8	ND	ND	ND	--	--
07/20-21/93	520.04	503.56	16.48	1,200	3.0	1.0	ND	1.0	--	--
10/20/93	520.04	505.58	14.46	ND	2.0	ND	ND	ND	--	--
01/20/94	520.04	505.92	14.12	140	5.0	0.6	3.0	4.0	--	--
04/21/94	520.04	505.80	14.24	86	1.7	0.6	1.2	1.6	--	--
07/21-22/94	520.04	505.83	14.21	ND	ND	ND	ND	ND	--	--



**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-1924  
4904 Southfront Road  
Livermore, California

WELL ID/ DATE	TOC* (ft)	GWE (msl)	DTW (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)
C-11 (cont)										
01/18/95	520.04	506.81	13.23	50	3.7	<0.5	0.9	1.9	--	--
04/17/95	520.04	507.03	13.01	89	1.4	1.3	0.69	0.79	--	--
07/18/95	520.04	507.04	13.00	89	0.95	<0.5	1.1	1.0	--	--
10/17/95	520.04	506.72	13.32	73	<0.5	<0.5	<0.5	<0.5	390	--
01/18/96	520.04	507.14	12.90	240	12	29	4.3	3.3	<2.5	--
04/17/96	519.95	507.47	12.48	<50	<0.5	<0.5	<0.5	<0.5	26	--
07/16/96	519.95	507.28	12.67	<500	17	<5.0	<5.0	20	5.900	--
10/16/96	519.95	506.90	13.05	<125	<1.2	<1.2	<1.2	<1.2	910	--
01/10/97	519.95	506.77	13.18	<100	<1.0	<1.0	<1.0	1.0	460	--
10/20/97	519.95	506.70	13.25	190	<0.5	7.2	2.6	1.6	8.900	--
04/30/98	519.95	507.19	12.76	<1,000	<10	<10	<10	<10	2.100	--
10/07/98	519.95	507.27	12.68	<50,000	930	<500	<500	<500	700.000	--
01/08/99	519.95	506.74	13.21	<500	16	<5.0	<5.0	<5.0	11.000/9.900 <sup>2</sup>	--
04/14/99	519.95	506.84	13.11	99.6	2.13	<0.5	1.08	<0.5	853	--
01/21/00	-- <sup>3</sup>	--	13.21	52.5	<0.5	<0.5	<0.5	0.756	261	--
03/23/01	-- <sup>3</sup>	--	13.11	<50.0	<0.500	<0.500	<0.500	<0.500	92.3/110 <sup>4</sup>	--
09/28/01	-- <sup>3</sup>	--	13.35	73	<0.50	<0.50	<0.50	1.5	140	--
12/28/01	-- <sup>3</sup>	--	11.43	<50	<0.50	<0.50	<0.50	1.5	<2.5	--
03/29/02	-- <sup>3</sup>	--	13.15	<50	<0.50	<0.50	<0.50	1.5	4.1/3 <sup>4</sup>	--
06/13/02	-- <sup>3</sup>	--	13.38	56	<0.50	<0.50	<0.50	1.5	69	--
09/10/02	-- <sup>3</sup>	INACCESSIBLE - CAR PARKED OVER WELL.			--	--	--	--	--	--
12/09/02	-- <sup>3</sup>	--	13.23	96	<0.50	<0.50	<0.50	<1.5	27	--
03/04/03	-- <sup>3</sup>	INACCESSIBLE - VEHICLE PARKED OVER WELL.			--	--	--	--	--	--
06/06/03 <sup>5</sup>	-- <sup>3</sup>	--	13.27	<50	<0.5	<0.5	0.6	<0.5	9	--
09/04/03 <sup>5</sup>	-- <sup>3</sup>	--	13.53	<50	<0.5	<0.5	<0.5	<0.5	11	--
12/03/03 <sup>5</sup>	-- <sup>3</sup>	--	13.62	<50	<0.5	<0.5	<0.5	<0.5	7	--
03/01/04 <sup>5</sup>	-- <sup>3</sup>	--	12.75	--	<0.5	<0.5	<0.5	<0.5	9	--

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-1924  
4904 Southfront Road  
Livermore, California

WELL ID/ DATE	TOC* (ft)	GWE (msl)	DTW (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)
C-11 (cont)										
06/29/01 <sup>c</sup>	-- <sup>3</sup>	--	13.51	89	<0.5	<0.5	<0.5	<0.5	17	--
09/02/04 <sup>c</sup>	-- <sup>3</sup>	--	14.70	<50	<0.5	<0.5	<0.5	<0.5	8	--
C-12										
03/28/86	519.82	506.21	13.61	--	--	--	--	--	--	--
03/15/88	519.82	505.27	14.55	ND	ND	ND	ND	ND	--	--
05/10/88	519.82	505.25	14.57	--	--	--	--	--	--	--
06/10/88	519.82	504.19	15.63	--	--	--	--	--	--	--
07/25/88	519.82	505.31	14.51	--	--	--	--	--	--	--
10/13/88	519.82	505.22	14.60	ND	ND	ND	ND	ND	--	--
01/12/89	519.82	505.20	14.62	ND	ND	ND	ND	ND	--	--
04/11/89	519.82	505.21	14.61	ND	ND	ND	ND	ND	--	ND
06/26/89	519.82	505.07	14.75	ND	ND	ND	ND	ND	--	ND
10/13/89	519.82	505.05	14.77	ND	ND	ND	ND	ND	--	ND
01/03/90	519.82	504.97	14.85	ND	ND	ND	ND	0.6	--	--
05/07/90	519.82	505.07	14.75	ND	ND	ND	ND	ND	--	--
09/27/90	519.82	505.21	14.61	ND	ND	ND	ND	ND	--	--
01/03/91	519.82	505.12	14.70	ND	ND	ND	ND	ND	--	--
04/12/91	519.82	505.30	14.52	--	--	--	--	--	--	--
09/04/91	519.82	504.99	14.83	--	--	--	--	--	--	--
04/06/92	519.82	506.01	13.81	ND	ND	ND	ND	ND	--	--
07/28/92	519.82	505.50	14.32	ND	ND	ND	ND	ND	--	--
10/16/92	519.82	504.70	15.12	ND	ND	ND	ND	ND	--	--
01/11/93	519.82	506.59	13.23	65	ND	ND	ND	1.7	--	--
03/26/93	519.82	507.62	12.20	ND	0.9	ND	ND	ND	--	--
04/22/93	519.82	506.61	13.21	ND	ND	ND	ND	ND	--	--
07/20-21/93	519.82	503.11	16.71	ND	ND	ND	ND	ND	--	--

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-1924  
4904 Southfront Road  
Livermore, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)
<b>C-12 (cont)</b>										
10/20/93	519.82	505.63	14.19	ND	ND	ND	ND	ND	--	--
01/20/94	519.82	505.77	14.05	ND	ND	ND	ND	ND	--	--
01/21/94	519.82	505.76	14.06	ND	ND	ND	ND	ND	--	--
07/21-22/94	519.82	505.70	14.12	ND	ND	ND	ND	ND	--	--
01/08/99	519.82	506.51	13.31	<50	<0.50	<0.50	<0.50	<0.50	<2.5/<2.0 <sup>2</sup>	--
03/23/01	519.82	506.86	12.96	--	--	--	--	--	--	--
09/28/01	519.82	506.10	13.72	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
12/28/01	519.82	506.68	13.14	240	1.3	18	3.4	55	4.5	--
03/29/02	519.82	506.26	13.56	2100	<0.50	<0.50	<0.50	600	<2.5/<2 <sup>4</sup>	--
06/13/02	519.82	506.08	13.74	940	<0.50	<0.50	<0.50	19	<2.5	--
09/10/02	519.82	506.32	13.50	<50	<0.50	<0.50	<0.50	1.5	<2.5	--
12/09/02	519.82	506.08	13.74	<50	<0.50	<0.50	<0.50	1.5	<2.5	--
03/01/03	519.82	506.20	13.62	<50	<0.50	<0.50	<0.50	<1.5	<2.5/<0.5 <sup>4</sup>	--
06/06/03 <sup>s</sup>	519.87	506.09	13.78	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
09/04/03 <sup>s</sup>	519.87	505.42	14.45	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
12/03/03 <sup>s</sup>	519.87	505.76	14.11	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/01/04 <sup>s</sup>	519.87	506.19	13.68	--	<0.5	<0.5	<0.5	<0.5	<0.5	--
06/29/04 <sup>s</sup>	519.87	505.83	14.04	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
09/02/04 <sup>s</sup>	519.87	505.60	14.27	<50	<0.5	<0.5	<0.5	2	<0.5	--
<b>C-13</b>										
03/28/86	522.24	509.29	12.95	--	--	--	--	--	--	--
03/15/88	522.24	507.42	14.82	250	2.0	ND	9.0	3.0	--	--
05/10/88	522.24	507.21	15.03	--	--	--	--	--	--	--
06/10/88	522.24	506.14	16.10	--	--	--	--	--	--	--
07/25/88	522.24	507.51	14.73	--	--	--	--	--	--	--
10/13/88	522.24	507.33	14.91	ND	1.9	ND	ND	ND	--	--

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**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-1924  
4904 Southfront Road  
Livermore, California

WELL ID/ DATE	TOC* (%)	GWE (msl)	DTW (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)
C-13 (cont)										
01/01/89	522.24	508.14	14.10	--	--	--	--	--	--	--
01/12/89	522.24	--	--	ND	ND	0.6	4.0	ND	--	--
01/10/89	522.24	507.25	14.99	ND	ND	ND	8.0	ND	--	ND
06/26/89	522.24	507.08	15.16	ND	0.3	ND	ND	ND	--	ND
10/13/89	522.24	507.01	15.23	ND	ND	ND	ND	ND	--	ND
01/03/90	522.24	507.09	15.15	ND	ND	ND	0.5	0.6	--	--
05/08/90	522.24	507.22	15.02	ND	ND	ND	ND	ND	--	--
09/27/90	522.24	507.13	15.11	ND	ND	0.6	ND	ND	--	--
01/03/91	522.24	507.16	15.08	ND	ND	ND	ND	0.6	--	--
04/12/91	522.24	507.47	14.77	--	--	--	--	--	--	--
09/04/91	522.24	506.81	15.43	--	--	--	--	--	--	--
01/06/92	522.24	507.81	14.43	66	ND	ND	ND	ND	--	--
07/28/92	522.24	506.87	15.37	60	8.2	ND	ND	1.1	--	--
10/16/92	522.24	506.37	15.87	ND	ND	ND	ND	ND	--	--
01/14/93	522.24	509.41	12.83	100	ND	ND	ND	1.3	--	--
03/26/93	522.24	509.65	12.59	ND	ND	ND	ND	ND	--	--
04/22/93	522.24	509.08	13.16	ND	ND	ND	ND	ND	--	--
07/20-21/93	522.24	505.72	16.52	99	4.0	13	2.0	7.0	--	--
10/20/93	522.24	507.11	15.13	ND	ND	ND	ND	ND	--	--
01/20/94	522.24	507.59	14.65	ND	ND	ND	ND	ND	--	--
04/21/94	522.24	507.36	14.88	ND	ND	ND	ND	ND	--	--
07/21-22/94	522.24	507.29	14.95	ND	ND	ND	ND	ND	--	--
03/23/01	522.24	508.96	13.28	--	--	--	--	--	--	--
09/28/01	522.24	508.59	13.65	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
12/28/01	522.24	509.26	12.98	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
03/29/02	522.24	509.08	13.16	<50	<0.50	<0.50	<0.50	<1.5	8.0/7 <sup>A</sup>	--
06/13/02	522.24	508.37	13.87	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
09/10/02	522.24	508.98	13.26	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--

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Chevron Service Station #9-1924  
4904 Southfront Road  
Livermore, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	TPII-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)
<b>C-13 (cont)</b>										
12/09/02	522.24	508.40	13.84	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
03/04/03	522.24	508.93	13.31	<50	<0.50	<0.50	<0.50	<1.5	<2.5/<0.5 <sup>4</sup>	--
06/06/03 <sup>5</sup>	522.30	508.24	14.06	<50	<0.5	<0.5	<0.5	0.5	<0.5	--
09/04/03 <sup>5</sup>	522.30	507.65	14.65	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
12/03/03 <sup>5</sup>	522.30	507.81	14.49	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/01/04 <sup>5</sup>	522.30	509.21	13.09	--	<0.5	<0.5	<0.5	<0.5	<0.5	--
06/29/04 <sup>5</sup>	522.30	507.75	14.55	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
09/02/04 <sup>5</sup>	522.30	507.53	14.77	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
<b>C-20</b>										
10/12/95	520.67	507.17	13.50	--	--	--	--	--	--	--
05/16/96	520.67	507.89	12.78	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
07/16/96	520.67	507.74	12.93	<50	2.5	1.5	0.82	2.4	4.1	--
10/16/96	520.67	507.43	13.24	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
04/10/97	520.67	507.35	13.32	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
10/20/97	520.67	507.21	13.46	SAMPLED ANNUALLY		--	--	--	--	--
04/30/98	520.67	507.82	12.85	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
10/07/98	520.67	507.99	12.68	--	--	--	--	--	--	--
04/14/99	520.67	507.37	13.30	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
01/21/00	520.67	507.21	13.46	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
03/23/01	520.67	507.11	13.56	--	--	--	--	--	--	--
09/28/01	520.67	506.83	13.84	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
12/28/01	520.67	507.50	13.17	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
03/29/02	520.67	507.06	13.61	<50	<0.50	<0.50	<0.50	<1.5	<2.5/<2 <sup>4</sup>	--
06/13/02	520.67	506.85	13.82	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
09/10/02	520.67	507.33	13.34	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
12/09/02	520.67	506.78	13.89	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--

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Livermore, California

WELL ID/ DATE	TOC* (ft)	GWE (msl)	DTW (ft)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)
C-20 (cont)										
03/04/03	520.67	506.99	13.68	<50	<0.50	<0.50	<0.50	<1.5	<2.5/<0.5 <sup>1</sup>	--
06/06/03 <sup>s</sup>	520.63	506.94	13.69	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
09/04/03 <sup>s</sup>	520.63	506.56	14.07	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
12/03/03 <sup>s</sup>	520.63	506.53	14.10	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/01/04 <sup>s</sup>	520.63	507.10	13.53	--	<0.5	<0.5	<0.5	<0.5	<0.5	--
06/29/04 <sup>s</sup>	520.63	506.58	14.05	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
09/02/04 <sup>s</sup>	520.63	506.38	14.25	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
C-21										
10/12/05	519.64	507.49	12.15	--	--	--	--	--	--	--
05/16/06	519.64	508.36	11.28	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
07/16/06	519.64	508.24	11.40	<50	0.93	1.1	0.81	2.3	2.5	--
10/16/06	519.64	508.17	11.47	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
03/23/01	519.64	UNABLE TO LOCATE - PAVED OVER			--	--	--	--	--	--
09/28/01	519.64	INACCESSIBLE - PAVED OVER			--	--	--	--	--	--
12/28/01	519.64	UNABLE TO LOCATE			--	--	--	--	--	--
03/29/02	519.64	506.89	12.75	<50	<0.50	<0.50	<0.50	<1.5	<2.5/<2 <sup>4</sup>	--
06/13/02	519.64	506.64	13.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
09/10/02	519.64	506.94	12.70	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
12/09/02	519.64	506.56	13.08	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
03/04/03	519.64	506.83	12.81	<50	<0.50	<0.50	<0.50	<1.5	<2.5/<0.5 <sup>4</sup>	--
06/06/03 <sup>s</sup>	519.64	506.76	12.88	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
09/04/03 <sup>s</sup>	519.64	506.43	13.21	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
12/03/03 <sup>s</sup>	519.64	506.34	13.30	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/01/04 <sup>s</sup>	519.64	506.96	12.68	--	<0.5	<0.5	<0.5	<0.5	<0.5	--
06/29/04 <sup>s</sup>	519.64	506.41	13.23	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
09/02/04 <sup>s</sup>	519.64	506.16	13.48	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--

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Livermore, California

WELL ID/ DATE	TOC* (%)	GWE (msl)	DTW (ft)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)
C-1										
03/28/86	520.39	508.64	11.75	--	--	--	--	--	--	--
03/15/88	520.39	506.89	13.50	27,000	770	87	610	2,100	--	--
05/10/88	520.39	506.74	13.65	--	--	--	--	--	--	--
06/10/88	520.39	505.67	14.72	--	--	--	--	--	--	--
07/25/88	520.39	506.89	13.50	--	--	--	--	--	--	--
10/13/88	520.39	507.50	12.89	3,200	220	11	62	130	--	--
01/01/89	520.39	507.50	12.89	--	--	--	--	--	--	--
01/12/89	520.39	--	--	4,000	820	43	490	260	--	--
04/10/89	520.39	506.74	13.65	4,000	100	ND	70	50	--	ND
04/10/89	520.39	506.74	13.65	4,000	100	ND	60	50	--	--
06/26/89	520.39	506.45	13.94	600	97	20	60	50	--	ND
06/26/89	520.39	506.45	13.94	570	86	15	44	35	--	--
10/13/89	520.39	506.47	13.92	1,600	64	ND	51	18	--	ND
01/03/90	520.39	506.59	13.80	1,100	36	0.68	30	30	--	--
05/08/90	520.39	506.48	13.91	1,300	37	9.2	40	32	--	--
09/29/90	520.39	506.46	13.93	350	19	1.2	32	31	--	--
01/03/91	520.39	506.54	13.85	400	12	ND	17	14	--	--
04/12/91	520.39	506.88	13.51	--	--	--	--	--	--	--
09/04/91	520.39	506.29	14.10	--	--	--	--	--	--	--
04/06/92	520.39	507.33	13.06	1,000	12	0.8	31	31	--	--
07/28/92	520.39	506.46	13.93	4,200	47	110	96	260	--	--
10/16/92	520.39	505.94	14.45	1,800	11	ND	32	55	--	--
01/14/93	520.39	509.16	11.23	2,000	24	ND	98	62	--	--
03/26/93	520.39	509.45	10.94	4,400	21	12	120	100	--	--
04/22/93 <sup>1</sup>	520.39	504.14	16.25	18,000	26	44	580	330	--	--
07/20-21/93	520.39	505.10	15.29	7,100	73	11	470	470	--	--
10/20/93	520.39	506.89	13.50	880	19	26	260	190	--	--
01/20/94	520.39	507.13	13.26	2,900	13	10	130	60	--	--

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Chevron Service Station #9-1924  
4904 Southfront Road  
Livermore, California

WELL ID/ DATE	TOC* ( <i>l</i> )	GWE ( <i>mst</i> )	DTW ( <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> )	TOG ( <i>ppb</i> )
C-1 (cont)										
04/21/94	520 39	506 93	13 46	1 400	8 8	7 8	82	34	--	--
07/21-22/94	520 39	506 93	13 46	800	4 7	2 7	34	13	--	--
01/18/95	520 39	508 67	11 72	2 000	18	10	130	10	--	--
04/17/95	520 39	508 58	11 81	2 500	13	1 9	33	4 3	--	--
07/18/95	520 39	508 27	12 12	1,100	<10	<10	27	<10	--	--
10/17/95	520 39	507 81	12 58	2,000	13	<5 0	24	<5 0	6 400	--
01/18/96	520 39	509 07	11 32	<2,000	35	30	<20	23	6 600	--
04/17/96	520 39	509 52	10 87	<1 000	31	<10	<10	<10	<50	--
07/16/96	520 39	509 01	11 38	830	15	<5 0	13	<5 0	9 000	--
10/16/96	520 39	508 58	11 81	<5,000	<50	<50	<50	<50	6 300	--
01/08/99	520 39	508 33	12 06	1 600	22	<10	10	<10	1 500/1 400 <sup>2</sup>	--
NOT MONITORED/SAMPLED - UNABLE TO LOCATE ASSUMED DESTROYED (Per Lead Consultant 11/30/01)										
C-2										
03/28/86	520 76	508 78	11 98	--	--	--	--	--	--	--
03/15/88	520 76	506 99	13 77	22 000	3 900	1 900	1 200	1 200	--	--
05/10 88	520 76	506 73	14 03	--	--	--	--	--	--	--
06/10/88	520 76	505 64	15 12	--	--	--	--	--	--	--
07/25/88	520 76	506 90	13 86	--	--	--	--	--	--	--
10/13/88	520 76	506 65	14 11	ND	ND	ND	ND	ND	--	--
01/01/89	520 76	507 93	12 83	--	--	--	--	--	--	--
01/12/89	520 76	--	--	1,000	25	3 0	83	59	--	--
04/10/89	520 76	506 72	14 04	600	2 5	ND	15	12	--	ND
04/10/89	520 76	506 72	14 04	ND	ND	ND	11	11	--	--
06/26/89	520 76	506 42	14 34	640	5 3	8 0	18	14	--	ND
06/26/89	520 76	506 42	14 34	750	3 7	0 6	13	8 2	--	--
10/13/89	520 76	506 84	13 92	630	ND	ND	17	10	--	--



**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
 Chevron Service Station #9-1924  
 4904 Southfront Road  
 Livermore, California

WELL ID/ DATE	TOC* (%)	GWE (msl)	DTW (ft)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)
C-2 (cont)										
01/03/90	520.76	506.65	14.11	880	3	ND	19	17	--	--
05/08/90	520.76	506.48	14.28	340	1.3	2.7	8.4	11	--	--
09/29/90	520.76	506.51	14.25	74	ND	ND	4.6	1.8	--	--
01/03/91	520.76	506.61	14.15	2,000	270	ND	79	93	--	--
04/12/91	520.76	506.90	13.86	--	--	--	--	--	--	--
09/03/91	520.76	506.26	14.50	--	--	--	--	--	--	--
04/06/92	520.76	507.29	13.47	1,200	ND	ND	54	6.1	--	--
07/28/92	520.76	506.41	14.35	1,000	5.2	2.9	26	16	--	--
10/16/92	520.76	505.92	14.84	2,000	ND	2.2	20	10	--	--
01/14/93	520.76	509.54	11.22	1,800	49	50	31	29	--	--
03/26/93	520.76	509.99	10.77	820	15	12	14	6.0	--	--
04/22/93	520.76	507.83	12.93	2,000	12	12	28	29	--	--
07/20-21/93	520.76	504.74	16.02	1,100	28	8.0	4.0	4.0	--	--
10/20/93	520.76	506.92	13.84	1,600	140	18	22	27	--	--
01/20/94	520.76	507.16	13.60	760	36	3.0	7.0	3.0	--	--
04/21/94	520.76	506.66	14.10	430	23	2.8	6.8	6.8	--	--
07/21-22/94	520.76	506.93	13.83	1,200	10	2.8	5.2	5.3	--	--
01/18/95	520.76	508.94	11.82	640	1.0	<0.5	5.7	7.7	--	--
04/17/95	520.76	508.72	12.04	<50	<0.5	<0.5	<0.5	<0.5	--	--
07/18/95	520.76	508.34	12.42	81	<0.5	<0.5	<0.5	<0.5	--	--
10/17/95	520.76	507.97	12.79	390	<0.5	<0.5	1.2	1.2	14	--
01/18/96	520.76	509.18	11.58	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
04/17/96	520.76	509.49	11.27	62	<0.5	<0.5	<0.5	<0.5	<2.5	--
07/16/96	520.76	508.81	11.95	370	2.1	1.5	3.1	3.9	47	--
10/16/96	520.76	508.36	12.40	460	2.4	1.3	1.8	1.9	200	--
04/10/97	520.76	508.49	12.27	480	0.63	<0.5	<0.5	<0.5	15	--
10/20/97	520.76	508.45	12.31	SAMPLED ANNUALLY			--	--	--	--
04/30/98	520.76	509.50	11.26	140	1.0	0.61	1.1	1.9	6.4	--

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-1924  
4904 Southfront Road  
Livermore, California

WELL ID/ DATE	TOC* (%)	GWE (msl)	DTW (ft)	TPH-G (ppb)	B (ppb)	T (pph)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)
C-2 (cont)										
10/07/98	520.76	509.22	11.54	--	--	--	--	--	--	--
04/14/99	520.76	509.35	11.41	201	1.96	<0.5	0.57	<0.5	11.2	--
01/21/00	520.76	509.31	11.45	320	0.949	<0.5	0.967	0.62	8.48	--
DESTROYED										
C-3										
03/28/86	521.31	509.07	12.24	--	--	--	--	--	--	--
03/15/88	521.31	507.10	14.21	2100	86	8.0	30	36	--	--
05/10/88	521.31	506.88	14.43	--	--	--	--	--	--	--
06/10/88	521.31	505.78	15.53	--	--	--	--	--	--	--
07/25/88	521.31	507.09	14.22	--	--	--	--	--	--	--
10/13/88	521.31	507.21	14.10	ND	ND	ND	ND	ND	--	--
01/01/89	521.31	508.61	12.70	--	--	--	--	--	--	--
04/10/89	521.31	506.95	14.36	200	2.1	ND	4.4	2.6	--	ND
06/26/89	521.31	506.57	14.74	260	1.1	0.7	4.9	1.6	--	ND
10/13/89	521.31	506.61	14.70	ND	ND	ND	ND	ND	--	--
01/03/90	521.31	506.89	14.42	ND	ND	ND	0.9	1.4	--	--
05/08/90	521.31	506.66	14.65	ND	ND	ND	ND	ND	--	--
09/27/90	521.31	506.64	14.67	71	ND	1.0	ND	ND	--	--
01/03/91	521.31	506.73	14.58	57	ND	ND	ND	ND	--	--
04/12/91	521.31	507.08	14.23	98	ND	ND	1.6	ND	--	--
09/04/91	521.31	506.43	14.88	64	ND	ND	ND	ND	--	--
04/06/92	521.31	507.48	13.83	88	ND	ND	0.8	ND	--	--
07/28/92	521.31	506.51	14.80	80	ND	ND	0.5	1.1	--	--
10/16/92	521.31	506.08	15.23	1,400	ND	ND	6.6	11	--	--
01/14/93	521.31	509.86	11.45	100	ND	ND	ND	1.3	--	--
03/26/93	521.31	510.04	11.27	74	0.7	1.0	ND	ND	--	--
04/22/93	521.31	508.70	12.61	ND	ND	ND	ND	ND	--	--

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-1924  
4904 Southfront Road  
Livermore, California

WELL ID/ DATE	TOC* (ft)	GWE (nrs)	DTW (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)
C-3 (cont)										
07/20-21/93	521.31	505.14	16.17	ND	ND	ND	ND	ND	--	--
10/20/93	521.31	507.08	14.23	ND	ND	1.0	ND	0.8	--	--
01/20/94	521.31	507.30	14.01	ND	ND	ND	ND	ND	--	--
04/21/94	521.31	506.98	14.33	ND	ND	ND	ND	ND	--	--
07/21-22/94	521.31	507.00	14.31	ND	ND	ND	ND	ND	--	--
DUSTROYED										
C-5										
03/28/86	520.82	508.82	12.00	--	--	--	--	--	--	--
03/15/88	520.82	507.07	13.75	1,600	82	7.0	77	95	--	--
05/10/88	520.82	506.90	13.92	--	--	--	--	--	--	--
07/10/88	520.82	507.10	13.72	--	--	--	--	--	--	--
07/25/88	520.82	507.10	13.72	--	--	--	--	--	--	--
10/13/88	520.82	506.98	13.84	2,500	ND	ND	ND	ND	--	--
01/01/89	520.82	507.41	13.41	--	--	--	--	--	--	--
01/12/89	520.82	--	--	ND	42	3.0	44	52	--	--
04/10/89	520.82	--	13.88	180	2.6	ND	6.2	5.5	--	ND
06/26/89	520.82	506.68	14.14	420	7.6	0.8	40	56	--	ND
10/13/89	520.82	506.67	14.15	620	ND	ND	10	ND	--	ND
01/03/90	520.82	506.72	14.10	ND	0.7	ND	8.0	6.0	--	--
05/08/90	520.82	506.82	14.00	140	0.6	0.8	11	7.2	--	--
09/27/90	520.82	506.82	14.00	360	ND	3.2	5.2	6.4	--	--
01/03/91	520.82	506.82	14.00	90	ND	ND	ND	3.0	--	--
04/12/91	520.82	507.11	13.71	270	12	ND	19	7.0	--	--
09/04/91	520.82	506.52	14.30	ND	ND	ND	ND	ND	--	--
04/06/92	520.82	507.53	13.29	670	12	ND	40	ND	--	--
07/28/92	520.82	506.69	14.13	130	15	ND	1.8	0.5	--	--
10/16/92	520.82	506.14	14.68	ND	ND	ND	ND	1.2	--	--

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-1924  
4904 Southfront Road  
Livermore, California

WELL ID/ DATE	TOC* (%)	GWE (msl)	DTW (ft)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)
C -5 (cont)										
01/11/93	520.82	508.95	11.87	2.300	13	ND	110	10	--	--
03/26/93	520.82	--	--	--	--	--	--	--	--	--
04/27/93	520.82	508.70	12.12	2.300	220	18	120	65	--	--
07/20-21/93	520.82	504.78	16.04	970	18	5.0	8.0	14	--	--
10/20/93	520.82	506.72	14.10	2.200	7.0	5.0	3.0	15	--	--
01/20/94	520.82	507.22	13.60	440	2.0	1.0	11	0.6	--	--
04/21/94	520.82	507.01	13.81	490	2.7	2.6	21	1.5	--	--
07/21-22/94	520.82	507.00	13.82	370	0.9	ND	6.5	1.0	--	--
01/18/95	520.82	508.55	12.27	940	37	22	14	7.3	--	--
04/17/95	520.82	508.65	12.17	14.000	1,200	340	160	80	--	--
07/18/95	520.82	508.51	12.31	<2.000	180	<20	<20	<20	--	--
10/17/95	520.82	508.36	12.46	92	4.9	<0.5	<0.5	<0.5	240	--
01/18/96	520.82	509.04	11.78	1,300	180	<5.0	10	7.9	4,300	--
04/17/96	520.82	509.71	11.11	2,200	140	<10	<10	<10	5,400	--
07/16/96	520.82	509.40	11.42	380	4.5	<0.5	3.4	3.1	1,400	--
10/16/96	520.82	508.82	12.00	320	3.4	<1.0	<1.0	1.5	660	--
04/10/97	520.82	509.07	11.75	980	12	<2.5	3.0	<2.5	1,700	--
10/20/97	520.82	508.76	12.06	SAMPLED ANNUALLY			--	--	--	--
04/30/98	520.82	510.02	10.80	1,500	38	<5.0	17	5.4	1,700	--
10/07/98	520.82	509.78	11.04	--	--	--	--	--	--	--
04/14/99	520.82	509.53	11.29	227	10.9	0.511	1.17	1.06	468	--
01/21/00	520.82	509.42	11.40	909	11.5	<2.0	4.48	<2.0	493	--
03/23/01	520.82	INACCESSIBLE - DUE TO OBSTRUCTION IN WELL.				--	--	--	--	--
09/28/01	520.82	INACCESSIBLE - DUE TO OBSTRUCTION IN WELL.				--	--	--	--	--
DESTROYED										

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
 Chevron Service Station #9-1924  
 4904 Southfront Road  
 Livermore, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)
C-6										
03/26/86	519.62	508.50	11.12	--	--	--	--	--	--	--
03/15/88	519.62	506.69	12.93	46,000	870	4,600	1,500	8,200	--	--
05/10/88	519.62	506.59	13.03	86,000	1,400	10,000	3,000	12,000	--	--
06/10/88	519.62	505.51	14.11	--	--	--	--	--	--	--
07/25/88	519.62	506.67	12.95	--	--	--	--	--	--	--
10/13/88	519.62	506.48	13.14	5,300	300	600	260	1,600	--	--
01/01/89	519.62	507.48	12.14	--	--	--	--	--	--	--
01/12/89	519.62	--	--	5,000	260	110	270	720	--	--
04/12/89	519.62	506.64	12.98	5,000	90	190	190	680	--	4.0
06/26/89	519.62	506.23	13.39	3,600	77	250	140	610	--	ND
10/13/89	519.62	506.22	13.40	3,500	32	81	100	530	--	ND
01/03/90	519.62	506.44	13.18	3,200	20	97	65	410	--	--
05/08/90	519.62	506.23	13.39	1,800	17	140	ND	100	--	--
09/29/90	519.62	506.30	13.32	8,000	58	210	260	2,100	--	--
01/03/91	519.62	506.43	13.19	2,300	4.0	79	59	380	--	--
04/12/91	519.62	506.71	12.91	--	--	--	--	--	--	--
09/04/91	519.62	506.06	13.56	--	--	--	--	--	--	--
04/06/92	519.62	507.14	12.48	44,000	ND	120	740	2,400	--	--
07/28/92	519.62	506.15	13.47	120,000	220	1,100	3,000	13,000	--	--
10/16/92	519.62	505.67	13.95	570,000	ND	830	3,300	9,600	--	--
01/14/93	519.62	509.23	10.39	19,000	ND	25	460	980	--	--
03/26/93	519.62	509.79	9.83	11,000	30	90	290	1,100	--	--
04/22/93	519.62	508.30	11.32	20,000	29	170	640	2,400	--	--
07/20-21/93	519.62	504.70	14.92	32,000	130	490	1,000	1,900	--	--
10/20/93	519.62	506.71	12.91	77,000	290	790	2,500	2,600	--	--
01/20/94	519.62	506.94	12.68	22,000	10	86	510	29	--	--
04/21/94	519.62	506.74	12.88	6,500	17	42	160	210	--	--
07/21-22/94	519.62	506.78	12.84	4,500	ND	7.1	130	130	--	--

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**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-1924  
4904 Southfront Road  
Livermore, California

WELL ID/ DATE	TOC+ (%)	GWE (msl)	DTW (ft)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)
C-6 (cont)										
01/18/95	519.62	508.61	11.01	3,600	3.3	6.7	62	78	--	--
04/17/95	519.62	508.35	11.27	1,500	1.6	2.2	14	12	--	--
07/18/95	519.62	508.16	11.46	4,000	<10	<10	40	22	--	--
10/17/95	519.62	507.64	11.98	6,000	<10	<10	100	58	5,200	--
01/18/96	519.62	508.78	10.84	1,200	<5.0	<5.0	10	<5.0	2,600	--
04/17/96	519.62	509.15	10.47	510	<2.5	<2.5	10	3.0	490	--
07/16/96	519.62	508.65	10.97	1,300	10	<10	51	<10	2,700	--
10/16/96	519.62	508.12	11.50	2,600	31	<10	12	11	5,100	--
04/10/97	519.62	508.35	11.27	1,300	5.1	<2.5	17	<2.5	1,300	--
10/20/97	519.62	507.85	11.77	2,200	<2.5	4.6	14	13	1,300	--
04/30/98	519.62	509.01	10.61	1,300	6.5	8.6	5.6	7.0	180	--
10/07/98	519.62	508.71	10.91	1,200	11	<10	15	<10	710	--
04/14/99	519.62	508.77	10.85	2,180	13.6	<2.0	5.52	4.12	116	--
01/21/00	519.62	508.73	10.89	1,230	10.3	<5.0	5.89	6.09	217	--
DISROYED										
C-8										
03/28/86	519.74	507.96	11.78	--	--	--	--	--	--	--
03/15/88	519.74	506.11	13.63	7,500	360	25	10	ND	--	--
05/10/88	519.74	506.00	13.74	--	--	--	--	--	--	--
06/10/88	519.74	504.85	14.89	--	--	--	--	--	--	--
07/25/88	519.74	506.09	13.65	--	--	--	--	--	--	--
10/13/88	519.74	505.96	13.78	ND	6.0	5.3	ND	ND	--	--
01/01/89	519.74	507.06	12.68	--	--	--	--	--	--	--
01/12/89	519.74	--	--	ND	37	4.0	1.0	5.0	--	--
04/12/89	519.74	505.97	13.77	3,000	13	ND	ND	ND	--	12
06/26/89	519.74	505.71	14.03	780	14	6.0	ND	6.0	--	ND
10/13/89	519.74	505.68	14.06	ND	ND	ND	ND	ND	--	ND

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Chevron Service Station #9-1924  
4904 Southfront Road  
Livermore, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)
C-8 (cont)										
01/03/90	519.74	506.00	13.74	910	ND	ND	1.0	1.0	--	--
05/07/90	519.74	505.64	14.10	620	3.9	6.0	0.5	3.4	--	--
09/29/90	519.74	505.77	13.97	77	ND	1.4	ND	ND	--	--
01/03/91	519.74	505.93	13.81	67	2.0	2.0	ND	2.0	--	--
04/12/91	519.74	506.14	13.60	180	4.0	ND	ND	ND	--	--
09/04/91	519.74	505.60	14.14	140	1.8	4.7	0.8	1.8	--	--
04/06/92	519.74	506.62	13.12	150	ND	ND	ND	ND	--	--
07/28/92	519.74	505.64	14.10	90	ND	ND	ND	0.8	--	--
10/16/92	519.74	505.17	14.57	51	ND	ND	ND	ND	--	--
01/14/93	519.74	508.79	10.95	120	ND	1.6	1.0	3.5	--	--
03/26/93	519.74	--	--	--	--	--	--	--	--	--
04/22/93	519.74	507.67	12.07	68	ND	0.6	0.6	0.8	--	--
07/20-21/93	519.74	504.04	15.70	ND	ND	ND	ND	ND	--	--
10/20/93	519.74	506.23	13.51	ND	ND	ND	ND	ND	--	--
01/20/94	519.74	506.23	13.51	ND	ND	ND	ND	ND	--	--
04/21/94	519.74	506.06	13.68	ND	ND	ND	ND	ND	--	--
07/21-22/94	519.74	506.24	13.50	51	ND	ND	ND	ND	--	--
01/18/95	519.74	DRY	--	--	--	--	--	--	--	--
04/17/95	519.74	DRY	--	--	--	--	--	--	--	--
07/18/95	519.74	DRY	--	--	--	--	--	--	--	--
10/17/95	519.74	507.54	12.20	NOT SAMPLED DUE TO INSUFFICIENT WATER				--	--	--
01/18/96	519.74	507.64	12.10	NOT SAMPLED DUE TO INSUFFICIENT WATER				--	--	--
04/17/96	519.74	508.87	10.87	SAMPLED SEMI-ANNUALLY				--	--	--
07/16/96	519.74	508.26	11.48	NOT SAMPLED DUE TO INSUFFICIENT WATER				--	--	--
10/16/96	519.74	507.78	11.96	--	--	--	--	--	--	--
03/23/01	519.74	507.78	11.96	--	--	--	--	--	--	--
09/28/01	519.74	DRY	--	--	--	--	--	--	--	--

DESTROYED

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-1924  
4904 Southfront Road  
Livermore, California

WELL ID/ DATE	TOC* (ft)	GWE (msl)	DTW (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)
C-10										
03/28/86	520.41	--	--	--	--	--	--	--	--	--
03/15/88	520.41	505.55	14.86	90	7.0	ND	ND	ND	--	--
05/10/88	520.41	505.51	14.90	--	--	--	--	--	--	--
06/10/88	520.41	504.47	15.94	--	--	--	--	--	--	--
07/25/88	520.41	505.56	14.85	--	--	--	--	--	--	--
10/13/88	520.41	505.51	14.90	ND	ND	ND	ND	ND	--	--
01/01/89	520.41	505.58	14.83	--	--	--	--	--	--	--
01/12/89	520.41	--	--	ND	ND	ND	ND	ND	--	--
04/11/89	520.41	505.51	14.90	ND	4.8	ND	ND	ND	--	ND
06/26/89	520.41	505.29	15.12	ND	0.7	ND	ND	1.5	--	4.0
10/13/89	520.41	505.30	15.11	ND	ND	ND	ND	ND	--	ND
01/03/90	520.41	505.40	15.01	ND	ND	ND	ND	ND	--	--
05/07/90	520.41	504.88	15.53	ND	ND	ND	ND	ND	--	--
09/27/90	520.41	505.21	15.20	ND	ND	ND	ND	ND	--	--
01/03/91	520.41	505.35	15.06	ND	ND	ND	ND	ND	--	--
04/12/91	520.41	505.55	14.86	110	16	ND	2.9	2.7	--	--
09/04/91	520.41	505.19	15.22	ND	ND	ND	ND	ND	--	--
04/06/92	520.41	506.20	14.21	57	ND	ND	ND	ND	--	--
07/28/92	520.41	505.63	14.78	ND	ND	ND	ND	ND	--	--
10/16/92	520.41	504.90	15.51	ND	ND	ND	ND	ND	--	--
01/14/93	520.41	506.97	13.44	88	4.7	ND	2.3	1.6	--	--
03/26/93	520.41	507.86	12.55	ND	ND	ND	ND	ND	--	--
04/22/93	520.41	506.67	13.74	ND	ND	ND	ND	ND	--	--
07/20-21/93	520.41	503.92	16.49	100	ND	ND	ND	ND	--	--
10/20/93	520.41	505.77	14.64	ND	ND	ND	ND	ND	--	--
01/20/94	520.41	506.02	14.39	ND	ND	ND	ND	ND	--	--
04/21/94	520.41	505.79	14.62	ND	0.8	ND	ND	ND	--	--
07/21-22/94	520.41	505.84	14.57	ND	ND	ND	ND	ND	--	--



**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-1924  
4904 Southfront Road  
Livermore, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOC (ppb)
C-10 (cont)										
01/18/95	520 41	506 77	13 64	<50	1 2	<0 5	<0 5	<0 5	--	--
04/17/95	520 41	506 87	13 54	SAMPLED SEMI-ANNUALLY		--	--	--	--	--
07/18/95	520 41	506 97	13 44	<50	<0 5	<0 5	<0 5	<0 5	--	--
10/17/95	520 41	506 63	13 78	--	--	--	--	--	--	--
01/18/96	520 41	506 81	13 60	<125	3 7	<1 2	<1 2	<1 2	1 000	--
04/17/96	520 41	507 23	13 18	--	--	--	--	--	--	--
07/16/96	520 41	507 30	13 11	<200	<2 0	<2 0	<2 0	<2 0	1 000	--
10/16/96	520 41	506 91	13 50	--	--	--	--	--	--	--
09/28/01	520 41	506 36	14 05	--	--	--	--	--	--	--
DESTROYED										
C-14										
03/28/86	520 08	--	--	--	--	--	--	--	--	--
03/15/88	520 08	--	--	--	--	--	--	--	--	--
05/10/88	520 08	506 69	13 39	120,000	13,000	29,000	2 700	18	--	--
06/10/88	520 08	505 43	14 65	--	--	--	--	--	--	--
07/25/88	520 08	506 61	13 47	--	--	--	--	--	--	--
10/13/88	520 08	506 50	13 58	ND	ND	ND	ND	ND	--	--
01/01/89	520 08	507 08	13 00	--	--	--	--	--	--	--
01/12/89	520 08	--	--	--	ND	ND	ND	ND	--	--
04/12/89	520 08	506 61	13 47	--	ND	ND	ND	ND	--	ND
06/26/89	520 08	506 28	13 80	140,000	14,000	25,000	3,400	26,000	--	--
10/13/89	520 08	506 46	13 62	86,000	12,000	16,000	1 600	13,000	--	--
01/03/90	520 08	506 17	13 91	120 000	9 500	16,000	1,800	13 000	--	--
01/04/90	520 08	506 17	13 91	76,000	3,900	8,100	1,200	7 700	--	--
05/08/90	520 08	506 19	13 89	62 000	7 500	17 000	1,400	14 000	--	--
09/27/90	520 08	506 30	13 78	--	--	--	--	--	--	--
01/03/91	520 08	506 36	13 72	--	--	--	--	--	--	--

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-1924  
4904 Southfront Road  
Livermore, California

WELL ID/ DATE	TOC* ( <i>ft</i> )	GWE ( <i>msl</i> )	DTW ( <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> )	TOG ( <i>ppb</i> )
C-14 (cont)										
01/12/91	520 08	507 11	12 97	60,000	750	3,800	720	9,200	--	--
09/04/91	520 08	506 24	13 84	110,000	2,800	11,000	1,300	13,000	--	--
04/06/92	520 08	507 64	12 44	41,000	190	1,800	440	5 100	--	--
07/28/92	520 08	506 38	13 70	130,000	2,300	9,700	1,800	15,000	--	--
10/16/92	520 08	505 70	14 38	--	--	--	--	--	--	--
01/14/93	520 08	511 28	8 80	27 000	220	790	220	2 700	--	--
03/26/93	520 08	510 96	9 12	23 000	330	1,600	460	4 000	--	--
04/22/93 <sup>1</sup>	520 08	507 98	12 10	17 000	840	2,300	130	3 500	--	--
07/20-21/93	520 08	INACCESSIBLE		--	--	--	--	--	--	--
10/20/93	520 08	505 77	14 31	NOT SAMPLED DUE TO INSUFFICIENT WATER				--	--	--
01/20/94	520 08	507 94	12 14	22,000	130	790	270	2 400	--	--
01/21/94	520 08	508 15	11 93	9 400	88	330	72	960	--	--
07 21-22/94	520 08	506 94	13 14	6 200	92	180	30	530	--	--
01/18/95	520 08	DRY	--	--	--	--	--	--	--	--
04/17/95	520 08	DRY	--	--	--	--	--	--	--	--
07/18/95	520 08	DRY	--	--	--	--	--	--	--	--
10/17/95	520 08	507 64	12 44	NOT SAMPLED DUE TO INSUFFICIENT WATER				--	--	--
01/18/96	520 08	507 84	12 24	NOT SAMPLED DUE TO INSUFFICIENT WATER				--	--	--
04/17/96	520 08	507 91	12 17	NOT SAMPLED DUE TO INSUFFICIENT WATER				--	--	--
07/16/96	520 08	508 55	11 53	NOT SAMPLED DUE TO INSUFFICIENT WATER				--	--	--
10/16/96	520 08	507 98	12 10	NOT SAMPLED DUE TO INSUFFICIENT WATER				--	--	--
04/10/97	520 08	508 11	11 97	NOT SAMPLED DUE TO INSUFFICIENT WATER				--	--	--
10/20/97	520 08	507 79	12 29	NOT SAMPLED DUE TO INSUFFICIENT WATER				--	--	--
10/07/98	520 08	508 27	11 81	NOT SAMPLED DUE TO INSUFFICIENT WATER				--	--	--
04/14/99	520 08	508 15	11 93	NOT SAMPLED DUE TO INSUFFICIENT WATER				--	--	--
04/27/99	520 08	508 36	11 72	NOT SAMPLED DUE TO INSUFFICIENT WATER				--	--	--
01/21/00	520 08	507 85	12 23	NOT SAMPLED DUE TO INSUFFICIENT WATER				--	--	--
03/23/01	520 08	508 12	11 96	--	--	--	--	--	--	--

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-1924  
4904 Southfront Road  
Livermore, California

WELL ID/ DATE	TOC* (ft.)	GWF (msl)	DTW (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)
C-14 (cont)										
09/28/01	520.08	DRY	--	--	--	--	--	--	--	--
DESTROYED										
C-15										
03/28/86	522.41	509.27	13.14	--	--	--	--	--	--	--
03/15/88	522.41	507.28	15.13	ND	ND	ND	ND	ND	--	--
05/10/88	522.41	507.01	15.40	--	--	--	--	--	--	--
06/10/88	522.41	505.92	16.49	--	--	--	--	--	--	--
07/25/88	522.41	507.24	15.17	--	--	--	--	--	--	--
10/13/88	522.41	507.08	15.33	ND	ND	ND	ND	ND	--	--
01/01/89	522.41	508.71	13.70	--	--	--	--	--	--	--
01/12/89	522.41	--	--	ND	ND	ND	ND	ND	--	--
04/12/89	522.41	507.07	15.34	ND	ND	ND	ND	ND	--	ND
06/26/89	522.41	506.69	15.72	ND	ND	ND	ND	ND	--	ND
10/13/89	522.41	506.45	15.96	ND	ND	ND	ND	ND	--	ND
01/03/90	522.41	506.99	15.42	ND	ND	ND	ND	ND	--	--
05/08/90	522.41	506.79	15.62	ND	ND	ND	ND	ND	--	--
09/27/90	522.41	506.82	15.59	ND	ND	ND	ND	ND	--	--
01/03/91	522.41	506.91	15.50	ND	ND	ND	ND	0.6	--	--
04/12/91	522.41	507.20	15.21	--	--	--	--	--	--	--
09/04/91	522.41	506.51	15.90	--	--	--	--	--	--	--
04/06/92	522.41	507.53	14.88	ND	ND	ND	ND	ND	--	--
07/28/92	522.41	506.59	15.82	ND	ND	ND	ND	ND	--	--
10/16/92	522.41	506.16	16.25	ND	ND	ND	ND	ND	--	--
01/14/93	522.41	509.93	12.48	61	ND	19	0.8	5.1	--	--
03/26/93	522.41	509.74	12.67	ND	ND	ND	ND	1.0	--	--
04/22/93	522.41	508.81	13.60	ND	ND	ND	ND	ND	--	--
07/20-21/93	522.41	505.54	16.87	ND	ND	ND	ND	ND	--	--

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-1924  
4904 Southfront Road  
Livermore, California

WELL ID/ DATE	TOC* (ft)	GWE (msl)	DTW (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)
<b>C-15 (cont)</b>										
10/20/93	522.41	507.17	15.24	ND	ND	ND	ND	ND	--	--
01/20/94	522.41	507.40	15.01	ND	ND	ND	ND	ND	--	--
04/21/94	522.41	507.19	15.22	ND	ND	ND	ND	ND	--	--
07/21-22/94	522.41	507.06	15.35	ND	ND	ND	ND	ND	--	--
DESTROYED										
<b>C-16</b>										
03/28/86	519.68	--	--	--	--	--	--	--	--	--
03/15/88	519.68	--	--	--	--	--	--	--	--	--
05/10/88	519.68	505.90	13.78	4,500	1,000	73	140	180	--	--
06/10/88	519.68	504.80	14.88	--	--	--	--	--	--	--
07/25/88	519.68	505.99	13.69	--	--	--	--	--	--	--
10/13/88	519.68	505.88	13.80	1,600	16	5.5	ND	16	--	--
01/01/89	519.68	506.23	13.45	--	--	--	--	--	--	--
01/12/89	519.68	--	--	1,000	360	11	78	51	--	--
04/11/89	519.68	505.90	13.78	15,800	130	4.0	21	19	--	ND
06/26/89	519.68	505.66	14.02	1,300	170	8.0	37	43	--	ND
10/13/89	519.68	505.67	14.01	1,000	20	ND	7.0	ND	--	ND
01/03/90	519.68	505.71	13.97	1,300	150	3.0	41	24	--	--
05/07/90	519.68	505.23	14.45	480	49	4.4	29	13	--	--
09/29/90	519.68	505.36	14.32	360	18	2.1	11	8.0	--	--
01/03/91	519.68	505.72	13.96	230	12	ND	6.0	6.0	--	--
04/12/91	519.68	505.94	13.74	--	--	--	--	--	--	--
09/04/91	519.68	505.46	14.22	--	--	--	--	--	--	--
04/06/92	519.68	506.50	13.18	360	30	ND	14	12	--	--
07/28/92	519.68	505.75	13.93	210	31	ND	6.8	16	--	--
10/16/92	519.68	504.76	14.92	140	11	ND	5.1	3.4	--	--
01/11/93	519.68	507.87	11.81	740	24	ND	36	21	--	--

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-1924  
4904 Southfront Road  
Livermore, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)
<b>C-16 (cont)</b>										
03/26/93	519.68	508.32	11.36	730	22	2.0	16	10	--	--
04/22/93	519.68	507.38	12.30	850	46	ND	24	6.0	--	--
07/20-21/93	519.68	INACCESSIBLE		--	--	--	--	--	--	--
10/20/93	519.68	505.68	14.00	290	18	2.0	16	17	--	--
01/20/94	519.68	506.20	13.48	360	10	1.0	12	9.0	--	--
04/21/94	519.68	505.76	13.92	220	15	ND	13	11	--	--
07/21-22/94	519.68	506.12	13.56	72	1.2	ND	ND	1.0	--	--
01/18/95	519.68	INACCESSIBLE		--	--	--	--	--	--	--
04/17/95	519.68	INACCESSIBLE		--	--	--	--	--	--	--
07/18/95	519.68	INACCESSIBLE		--	--	--	--	--	--	--
10/17/95	519.68	INACCESSIBLE		--	--	--	--	--	--	--
01/18/96	519.68	INACCESSIBLE		--	--	--	--	--	--	--
04/17/96	519.68	INACCESSIBLE		--	--	--	--	--	--	--
07/16/96	519.68	INACCESSIBLE		--	--	--	--	--	--	--
10/16/96	519.68	INACCESSIBLE		--	--	--	--	--	--	--
03/23/01	519.68	UNABLE TO LOCATE		--	--	--	--	--	--	--
NOT MONITORED/SAMPLED - UNABLE TO LOCATE										
<b>C-17</b>										
03/28/86	520.82	507.34	13.48	--	--	--	--	--	--	--
03/15/88	520.82	506.06	14.76	--	--	--	--	--	--	--
05/10/88	520.82	506.05	14.77	--	--	--	--	--	--	--
06/10/88	520.82	504.98	15.84	--	--	--	--	--	--	--
07/25/88	520.82	506.19	14.63	--	--	--	--	--	--	--
10/13/88	520.82	505.99	14.83	270,000	18	900	760	5,500	--	--
01/01/89	520.82	506.04	14.78	--	--	--	--	--	--	--
01/12/89	520.82	--	--	190,000	ND	490	2,100	6,700	--	--
04/11/89	520.82	505.99	14.83	27,000	30	150	320	1,000	--	6.0

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Chevron Service Station #9-1924  
4904 Southfront Road  
Livermore, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)
C-17 (cont)										
06/26/89	520.82	505.79	15.03	20,000	50	390	660	2,000	--	ND
06/26/89	520.82	505.79	15.03	27,000	40	420	740	2,200	--	--
10/13/89	520.82	505.80	15.02	17,000	ND	48	230	480	--	ND
01/03/90	520.82	505.72	15.10	14,000	ND	29	120	210	--	--
05/08/90	520.82	505.70	15.12	9,500	25	130	210	470	--	--
09/29/90	520.82	505.83	14.99	ND	ND	ND	ND	ND	--	--
09/29/90	520.82	505.83	14.99	ND	ND	3.4	ND	ND	--	--
01/03/91	520.82	505.90	14.92	3,700	ND	28	56	140	--	--
01/03/91	520.82	505.90	14.92	8,600	ND	10	59	150	--	--
04/12/91	520.82	506.11	14.71	8,600	ND	5.0	47	120	--	--
04/12/91	520.82	506.11	14.71	4,400	ND	11	48	120	--	--
09/04/91	520.82	505.65	15.17	5,800	ND	27	49	79	--	--
09/04/91	520.82	505.65	15.17	4,100	ND	21	36	61	--	--
01/06/92	520.82	506.68	14.14	2,300	ND	5.8	27	29	--	--
07/28/92	520.82	505.64	15.18	11,000	99	180	170	430	--	--
10/16/92	520.82	505.06	15.76	1,200,000	ND	4,800	3,900	6,600	--	--
01/14/93	520.82	507.38	13.44	3,500	9.3	9.1	23	34	--	--
03/26/93	520.82	508.36	12.46	3,700	ND	19	20	35	--	--
04/22/93	520.82	507.52	13.30	8,900	16	68	44	97	--	--
07/20-21/93	520.82	503.61	17.21	4,200	5.0	35	33	62	--	--
10/20/93	520.82	505.73	15.09	4,500	5.0	12	43	64	--	--
01/20/94	520.82	506.35	14.47	1,900	4.0	42	24	73	--	--
04/21/94	520.82	505.87	14.95	1,100	5.0	-20	23	42	--	--
07/21-22/94	520.82	506.22	14.60	72	ND	ND	ND	0.9	--	--
01/18/95	520.82	507.12	13.70	530	1.7	<0.5	5.6	8.8	--	--
04/17/95	520.82	507.57	13.25	440	1.9	3.0	3.6	2.4	--	--
07/18/95	520.82	507.38	13.44	140	5.5	<0.5	<0.5	<0.5	--	--
10/17/95	520.82	507.32	13.50	110	<0.5	<0.5	<0.5	0.62	<2.5	--

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**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-1924  
4904 Southfront Road  
Livermore, California

WELL ID/ DATE	TOC* (%)	GWE (msl)	DTW (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)
C-17 (cont)										
01/18/96	520.82	507.80	13.02	310	19	30	5.6	40	28	--
04/17/96	520.53	507.83	12.70	<50	<0.5	<0.5	<0.5	<0.5	7.2	--
07/16/96	520.53	507.86	12.67	54	1.7	1.0	0.97	3.3	34	--
10/16/96	520.53	506.83	13.70	200	0.50	0.57	<0.5	2.2	15	--
04/10/97	520.53	507.34	13.19	100	<0.5	<0.5	<0.5	<0.5	66	--
10/20/97	520.53	507.18	13.35	64	<0.5	<0.5	<0.5	<0.5	22	--
04/30/98	520.53	507.83	12.70	<50	<0.5	<0.5	<0.5	<0.5	47	--
10/07/98	520.53	507.60	12.93	56	0.81	<0.5	<0.5	0.5	72	--
04/14/99	520.53	507.48	13.05	<50	<0.5	0.549	<0.5	0.5	82	--
01/21/00	520.53	507.25	13.28	<50	<0.5	<0.5	<0.5	<0.5	29.9	--
03/23/01	520.53	507.14	13.39	<50.0	<0.500	<0.500	<0.500	<0.500	9.40/8.9 <sup>4</sup>	--
09/28/01	520.53	506.84	13.69	83	<0.50	<0.50	<0.50	1.5	27	--
DESTROYED										
C-18										
03/28/86	518.96	--	--	--	--	--	--	--	--	--
03/15/88	518.96	--	--	--	--	--	--	--	--	--
05/10/88	518.96	--	--	--	--	--	--	--	--	--
06/10/88	518.96	504.07	14.89	--	--	--	--	--	--	--
07/25/88	518.96	505.17	13.79	--	--	--	--	--	--	--
10/13/88	518.96	505.10	13.86	ND	ND	ND	ND	ND	--	--
01/01/89	518.96	505.02	13.94	--	--	--	--	--	--	--
01/12/89	518.96	--	--	ND	ND	ND	ND	ND	--	--
04/11/89	518.96	504.10	14.86	ND	ND	ND	ND	ND	--	ND
06/26/89	518.96	504.94	14.02	ND	ND	ND	ND	ND	--	ND
10/13/89	518.96	503.90	15.06	ND	ND	ND	ND	ND	--	ND
01/03/90	518.96	504.89	14.07	ND	ND	ND	ND	ND	--	--
05/07/90	518.96	504.95	14.01	ND	ND	ND	ND	ND	--	--

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
 Chevron Service Station #9-1924  
 4904 Southfront Road  
 Livermore, California

WELL ID/ DATE	TOC* (%)	GWE (msl)	DTW (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)
C-18 (cont)										
00/27/90	518.96	505.05	13.91	ND	ND	ND	ND	ND	--	--
01/03/91	518.96	504.98	13.98	ND	ND	ND	ND	ND	--	--
01/12/91	518.96	505.13	13.83	ND	ND	ND	ND	ND	--	--
09/04/91	518.96	504.76	14.20	ND	ND	ND	ND	ND	--	--
01/06/92	518.96	505.89	13.07	ND	ND	ND	ND	ND	--	--
07/28/92	518.96	505.41	13.55	ND	ND	ND	ND	ND	--	--
10/16/92	518.96	504.58	14.38	ND	ND	ND	ND	ND	--	--
01/14/93	518.96	506.50	12.46	56	ND	ND	ND	1.8	--	--
03/26/93	518.96	507.50	11.46	ND	ND	ND	ND	ND	--	--
04/22/93	518.96	506.38	12.58	ND	ND	ND	ND	ND	--	--
07/20-21/93	518.96	503.32	15.64	92	ND	0.5	ND	ND	--	--
10/20/93	518.96	--	--	--	--	--	--	--	--	--
01/20/94	518.96	--	--	--	--	--	--	--	--	--
04/21/94	518.96	--	--	--	--	--	--	--	--	--
07/16/96	518.96	--	--	--	--	--	--	--	--	--
03/23/01	518.96	UNABLE TO LOCATE	--	--	--	--	--	--	--	--
NOT MONITORED/SAMPLED										
C-19										
03/28/86	520.99	--	--	--	--	--	--	--	--	--
03/15/88	520.99	--	--	--	--	--	--	--	--	--
05/10/88	520.99	505.76	15.23	18	1,400	360	350	1,300	--	--
06/10/88	520.99	504.41	16.58	--	--	--	--	--	--	--
07/25/88	520.99	505.80	15.19	--	--	--	--	--	--	--
10/13/88	520.99	505.72	15.27	ND	8.3	4.7	4.4	ND	--	--
01/01/89	520.99	505.79	15.20	--	--	--	--	--	--	--
01/12/89	520.99	--	--	ND	5.0	4.0	ND	ND	--	--
01/11/89	520.99	505.75	15.24	ND	1.8	ND	ND	ND	--	ND



**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-1924  
4904 Southfront Road  
Livermore, California

WELL ID/ DATE	TOC* (%)	GWE (msl)	DTW (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)
C -19 (cont)										
04/11/89	520 99	505 75	15 24	500	1 2	ND	0 6	0 6	--	--
06/26/89	520 99	505 55	15 44	500	2 5	ND	ND	ND	--	ND
10/13/89	520 99	505 52	15 47	540	ND	ND	ND	ND	13	ND
01/03/90	520 99	505 54	15 45	ND	1 2	0 7	1 3	0 9	--	--
05/07/90	520 99	505 31	15 68	ND	ND	ND	ND	ND	--	--
09/28/90	520 99	505 47	15 52	ND	ND	ND	ND	ND	--	--
01/03/91	520 99	505 43	15 56	66	ND	ND	ND	ND	--	--
04/12/91	520 99	505 79	15 20	--	--	--	--	--	--	--
09/04/91	520 99	505 39	15 60	--	--	--	--	--	--	--
03/06/92	520 99	506 41	14 58	110	0 7	ND	1 0	ND	--	--
07/28/92	520 99	505 73	15 26	ND	1 4	ND	1 0	4 2	--	--
10/16/92	520 99	504 99	16 00	ND	ND	ND	ND	ND	--	--
01/14/93	520 99	507 30	13 69	100	1 1	ND	0 9	0 9	--	--
03/26/93	520 99	508 03	12 96	80	ND	ND	ND	ND	--	--
04/22/93	520 99	506 81	14 18	250	0 6	1 0	1 0	1 0	--	--
07/20-21/93	520 99	504 41	16 58	390	ND	ND	0 8	2 0	--	--
10/20/93	520 99	505 76	15 23	ND	ND	ND	ND	ND	--	--
01/20/94	520 99	506 15	14 84	ND	ND	ND	ND	ND	--	--
04/21/94	520 99	505 73	15 26	60	ND	ND	1 0	ND	--	--
07/21-22/94	520 99	506 09	14 90	ND	ND	ND	ND	ND	--	--
01/18/95	520 99	506 97	14 02	<50	<0 5	<0 5	<0 5	<0 5	--	--
04/17/95	520 99	507 19	13 80	SAMPLED SEMI-ANNUALLY			--	--	--	--
07/18/95	520 99	507 27	13 72	150	<0 5	<0 5	<0 5	<0 5	--	--
10/17/95	520 99	506 89	14 10	--	--	--	--	--	--	--
01/18/96	520 99	507 18	13 81	76	<0 5	<0 5	<0 5	<0 5	120	--
04/17/96	520 96	507 56	13 40	--	--	--	--	--	--	--
07/16/96	520 96	507 49	13 47	530	<2 5	<2 5	<2 5	<2 5	1 200	--
10/16/96	520 96	507 13	13 83	--	--	--	--	--	--	--

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-1924  
4904 Southfront Road  
Livermore, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	TPH-G (ppb)	R (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)
<b>C-19 (cont)</b>										
01/10/97	520.96	507.06	13.90	<500	<5.0	<5.0	<5.0	<5.0	1.600	--
10/20/97	520.96	506.94	14.02	SAMPLED ANNUALLY		--	--	--	--	--
04/30/98	520.96	507.49	13.47	<500	<5.0	<5.0	<5.0	<5.0	1.100	--
10/07/98	520.96	507.87	13.09	--	--	--	--	--	--	--
04/14/99	520.96	INACCESSIBLE	--	--	--	--	--	--	--	--
04/27/99	520.96	507.17	13.79	124	<0.5	<0.5	<0.5	<0.5	434	--
01/21/00	520.96	507.01	13.95	109	<0.5	<0.5	<0.5	<0.5	239	--
03/23/01	520.96	506.98	13.98	--	--	--	--	--	--	--
09/28/01	520.96	506.70	14.26	--	--	--	--	--	--	--
DESTROYED										
<b>RW-1</b>										
09/28/01	--	UNABLE TO LOCATE	--	--	--	--	--	--	--	--
12/28/01	--	UNABLE TO LOCATE	--	--	--	--	--	--	--	--
03/29/02	--	UNABLE TO LOCATE	--	--	--	--	--	--	--	--
ASSUMED DESTROYED (Per Lead Consultant 11/30/01)										
<b>FRIP BLANK</b>										
01/18/95	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
04/17/95	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
07/18/95	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/17/95	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
01/18/96	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
04/17/96	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
07/16/96	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
10/16/96	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
04/10/97	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
10/20/97	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-1924  
4904 Southfront Road  
Livermore, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)
<b>TRIP BLANK (cont)</b>										
04/30/98	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
10/07/98	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
01/08/99	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
04/14/99	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
04/27/99	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
01/21/00	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
03/23/01	--	--	--	<50.0	<0.500	<0.500	<0.500	<0.500	<0.500	--
09/28/01	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
<b>QA</b>										
12/28/01	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
03/29/02	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
06/13/02	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
09/10/02	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
12/09/02	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
03/04/03	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
06/06/03 <sup>c</sup>	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
09/04/03 <sup>c</sup>	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
12/03/03 <sup>c</sup>	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/01/04 <sup>c</sup>	--	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	--
06/29/04 <sup>c</sup>	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
09/02/04 <sup>c</sup>	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
 Chevron Service Station #9-1924  
 4904 Southfront Road  
 Livermore, California

**EXPLANATIONS**

Groundwater monitoring data and laboratory analytical results prior to March 23, 2001, were compiled from reports prepared by Blaine Tech Services, Inc

LOC - Top of Casing	B = Benzene	(ppb) = Parts per billion
(ft) - Feet	T = Toluene	-- = Not Measured/Not Analyzed
GW1 = Groundwater Elevation	E = Ethylbenzene	ND = Not Detected
(msl) - Mean sea level	X = Xylenes	QA = Quality Assurance/Trip Blank
DTW - Depth to Water	MTBE = Methyl tertiary butyl ether	
TPH-G - Total Petroleum Hydrocarbons as Gasoline	TOG = Total Oil and Grease	

\* LOC elevations for C-7, C-9, C-12, C-13 and C-20 were surveyed June 10, 2003, by Virgil Chavez Land Surveying. The benchmark used for the survey was a City of Livermore monument at First and "Q" Streets. (Benchmark Elevation = 469.246 feet, NGVD 29)

1 Sheen

2 Confirmation run

Well head elevation altered due to casing repairs

3 MTBE by EPA Method 8260

4 BTEX and MTBE by EPA Method 8260

**Table 2**  
**Groundwater Analytical Results - Oxygenate Compounds**  
 Chevron Service Station #9-1924  
 4904 Southfront Street  
 Livermore, California

WELL ID/ DATE	ETHANOL (ppb)	TBA (ppb)	MTBE (ppb)	DIPE (ppb)	ETBE (ppb)	TAME (ppb)
<b>C-7</b>						
03/23/01	--	<50	38	<2.0	<2.0	<2.0
03/29/02	--	<100	12	<2	<2	<2
03/04/03	--	<5	11	<0.5	<0.5	<0.5
06/06/03	--	--	20	--	--	--
09/04/03	<50	--	86	--	--	--
12/03/03	<50	--	77	--	--	--
03/01/04	--	--	15	--	--	--
06/29/04	--	--	48	--	--	--
09/02/04	--	--	60	--	--	--
<b>C-9</b>						
04/14/99	<3,750	<250	114	<2.5	<2.5	<2.5
03/23/01	--	<50	22	<2.0	<2.0	<2.0
03/29/02	--	<100	16	<2	<2	<2
12/09/02	--	--	15	--	--	--
03/04/03	--	13	5	<0.5	<0.5	<0.5
06/06/03	--	--	4	--	--	--
09/04/03	<50	--	39	--	--	--
12/03/03	<50	--	49	--	--	--
03/01/04	--	--	10	--	--	--
06/29/04	--	--	16	--	--	--
09/02/04	--	--	7	--	--	--
<b>C-11</b>						
04/14/99	<30,000	<2,000	1,390	<20	<20	<20
03/23/01	--	<50	110	<2.0	<2.0	<2.0
03/29/02	--	<100	3	<2	<2	<2

**Table 2**  
**Groundwater Analytical Results - Oxygenate Compounds**  
Chevron Service Station #9-1924  
4904 Southfront Street  
Livermore, California

WELL ID/ DATE	ETHANOL (ppb)	TBA (ppb)	MTBE (ppb)	DIPE (ppb)	ETBE (ppb)	TAME (ppb)
<b>C-11 (cont)</b>						
03/04/03	INACCESSIBLE - VEHICLE PARKED OVER WELL			--	--	--
06/06/03	--	--	9	--	--	--
09/01/03	<50	--	11	--	--	--
12/03/03	<50	--	7	--	--	--
03/01/04	--	--	9	--	--	--
06/29/04	--	--	17	--	--	--
09/02/04	--	--	8	--	--	--
<b>C-12</b>						
03/29/02	--	<100	<2	<2	<2	<2
03/04/03	--	<5	<0.5	<0.5	<0.5	<0.5
06/06/03	--	--	<0.5	--	--	--
09/01/03	<50	--	<0.5	--	--	--
12/03/03	<50	--	<0.5	--	--	--
03/01/04	--	--	<0.5	--	--	--
06/29/04	--	--	<0.5	--	--	--
09/02/04	--	--	<0.5	--	--	--
<b>C-13</b>						
03/29/02	--	<100	7	<2	<2	<2
03/04/03	--	<5	<0.5	<0.5	<0.5	<0.5
06/06/03	--	--	<0.5	--	--	--
09/04/03	<50	--	<0.5	--	--	--
12/03/03	<50	--	<0.5	--	--	--
03/01/04	--	--	<0.5	--	--	--
06/29/04	--	--	<0.5	--	--	--
09/02/04	--	--	<0.5	--	--	--

**Table 2**  
**Groundwater Analytical Results - Oxygenate Compounds**  
Chevron Service Station #9-1924  
4904 Southfront Street  
Livermore, California

WELL ID/ DATE	ETHANOL (ppb)	TBA (ppb)	MTBE (ppb)	DIPE (ppb)	ETBE (ppb)	TAME (ppb)
<b>C-20</b>						
04/14/99	<3 000	<200	<2 0	<2 0	<2 0	<2 0
03/29/02	--	<100	<2	<2	<2	<2
03/04/03	--	<5	<0 5	<0 5	<0 5	<0 5
06/06/03	--	--	<0 5	--	--	--
09/04/03	<50	--	<0 5	--	--	--
12/03/03	<50	--	<0 5	--	--	--
03/01/04	--	--	<0 5	--	--	--
06/29/04	--	--	<0 5	--	--	--
09/02/04	--	--	<0.5	--	--	--
<b>C-21</b>						
03/29/02	--	<100	<2	<2	<2	<2
03/04/03	--	<5	<0 5	<0 5	<0 5	<0 5
06/06/03	--	--	<0 5	--	--	--
09/04/03	<50	--	<0 5	--	--	--
12/03/03	<50	--	<0 5	--	--	--
03/01/04	--	--	<0 5	--	--	--
06/29/04	--	--	<0 5	--	--	--
09/02/04	--	--	<0.5	--	--	--
<b>C-2</b>						
04/14/99	<3 000	<200	5 35	<2 0	<2 0	<2 0
DESTROYED						
<b>C-5</b>						
04/14/99	<9 990	<666	619	<6 66	<6 66	27 3
DESTROYED						
9-1924.xls/#386448			36	As of 09/02/04		

**Table 2**  
**Groundwater Analytical Results - Oxygenate Compounds**  
Chevron Service Station #9-1924  
4904 Southfront Street  
Livermore, California

WELL ID/ DATE	ETHANOL (ppb)	TBA (ppb)	MTBE (ppb)	DIPE (ppb)	ETBE (ppb)	TAME (ppb)
C-6 04/14/99 D1 STROYED	<3,000	<200	138	<2.0	<2.0	10.7
C-17 01/11/99 03/23/01	<3,000 --	<200 <50	83.1 8.9	<2.0 <2.0	<2.0 <2.0	<2.0 <2.0



**Table 2**  
**Groundwater Analytical Results - Oxygenate Compounds**  
Chevron Service Station #9-1924  
4904 Southfront Street  
Livermore, California

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**LXPLANATIONS**

Groundwater laboratory analytical results prior to March 23, 2001, were compiled from reports prepared by Blaine Tech Services, Inc.

TBA = Tertiary butyl alcohol

MTBE = Methyl tertiary butyl ether

DIPE = Di-isopropyl ether

ETBE = Ethyl tertiary butyl ether

TAME = Tertiary amyl methyl ether

(ppb) = Parts per billion

-- = Not Analyzed

**ANALYTICAL METHOD**

EPA Method 8260 for Oxygenate Compounds

**Table 3**  
**Groundwater Analytical Results**  
Chevron Service Station #9-1924  
4904 Southfront Road  
Livermore, California

WELL ID/ DATE	1,2-DCA (ppb)	VC (ppb)	MC (ppb)	1,1,1-TCA (ppb)	1,1-DCA (ppb)	PCE (ppb)	T. Lead (ppb)	D. Lead (ppb)	CDS (ppb)
<b>C-7</b>									
04/12/89	ND	--	--	--	--	--	--	--	--
06/26/89	ND	--	--	--	--	--	--	--	--
10/13/89	ND	--	--	--	--	--	--	--	--
01/03/90	1.0	--	--	--	--	--	--	--	--
05/08/90	1.7	--	ND	--	ND	--	--	--	--
09/29/90	0.7	--	ND	ND	ND	ND	--	--	--
01/03/91	0.7	--	ND	ND	ND	ND	--	--	--
04/12/91	0.6	--	ND	ND	ND	ND	--	--	--
10/07/91	ND	--	24	ND	ND	ND	--	--	--
04/06/92	ND	--	ND	ND	ND	ND	--	--	--
07/20-21/93 <sup>1</sup>	--	--	--	--	--	--	--	--	--
01/20/94 <sup>1</sup>	--	--	--	--	--	--	--	--	--
07/21.22/94	--	--	--	--	--	--	ND	--	--
<b>C-9</b>									
04/12/89	2.1	--	--	--	--	--	--	--	--
04/11/89	ND	--	--	--	--	--	--	--	--
06/26/89	ND	--	--	--	--	--	--	--	--
10/13/89	ND	--	--	--	--	--	--	--	--
01/03/90	1.5	--	--	--	--	--	--	--	--
05/07/90	1.9	--	ND	--	ND	--	--	--	--
09/29/90	1.0	--	0.7	1.8	1.0	--	--	--	--
01/03/91	0.8	--	ND	ND	ND	ND	--	--	--
04/06/92	ND	--	ND	ND	ND	ND	--	--	--
07/21.22/94	--	--	--	--	--	--	13	--	--
04/10/97	<0.5	<1.0	<5.0	<0.5	<0.5	<0.5	--	--	--
10/20/97	--	--	--	--	--	--	--	<5.0	--
04/30/98	<0.5	<1.0	<5.0	<0.5	<0.5	<0.5	--	--	--
04/14/99 <sup>1</sup>	<0.5	<1.0	<5.0	<0.5	<0.5	<0.5	--	--	--
01/21/00	<0.5	<1.0	<5.0	<0.5	<0.5	<0.5	--	--	--
09/28/01 <sup>2</sup>	<2	<1	<2	<1	<1	<1	--	--	--
12/28/01 <sup>2</sup>	<2	<1	<2	<1	<1	<1	--	--	--
03/29/02 <sup>2</sup>	<2	<1	<2	<1	<1	<1	--	--	--
06/13/02 <sup>2</sup>	<2	<1	<2	<1	<1	<1	--	--	--
09/10/02 <sup>2</sup>	<2	<1	<2	<1	<1	<1	--	--	--
12/09/02 <sup>2</sup>	<2	<1	<2	<1	<1	<1	--	--	--
03/04/03 <sup>2</sup>	<0.5	<1	<2	<0.8	<1	<0.8	--	--	--
06/06/03 <sup>2</sup>	<0.5	<1	<2	<0.8	<1	<0.8	--	--	--
09/04/03 <sup>2</sup>	<0.5	<1	<2	<0.8	<1	<0.8	--	--	--
12/03/03 <sup>2</sup>	<1	<1	<2	<0.8	<1	<0.8	--	--	--

**Table 3**  
**Groundwater Analytical Results**  
Chevron Service Station #9-1924  
4904 Southfront Road  
Livermore, California

WELL ID/ DATE	1,2-DCA (ppb)	VC (ppb)	MC (ppb)	1,1,1-TCA (ppb)	1,1-DCA (ppb)	PCE (ppb)	T Lead (ppb)	D Lead (ppb)	CDS (ppb)
<b>C-11</b>									
04/12/89	ND	--	--	--	--	--	--	--	--
06/26/89	ND	--	--	--	--	--	--	--	--
10/13/89	ND	--	--	--	--	--	--	--	--
01/03/90	ND	--	--	--	--	--	--	--	--
05/08/90	ND	--	ND	--	ND	--	--	--	--
09/28/90	ND	--	12	ND	ND	--	--	--	--
01/03/91	ND	--	ND	ND	ND	10	--	--	--
04/06/92	ND	--	ND	ND	ND	ND	--	--	--
07/21.22/94	--	--	--	--	--	--	70	--	--
10/20/97	--	--	--	--	--	--	--	25	--
<b>C-12</b>									
04/11/89	ND	--	--	--	--	--	--	--	--
06/26/89	ND	--	--	--	--	--	--	--	--
10/13/89	ND	--	--	--	--	--	--	--	--
01/03/90	ND	--	--	--	--	--	--	--	--
05/07/90	ND	--	ND	--	ND	--	--	--	--
09/27/90	ND	--	12	ND	ND	--	--	--	--
01/03/91	ND	--	ND	ND	ND	ND	--	--	--
04/06/92	ND	--	ND	ND	ND	ND	--	--	--
07/28/92	--	--	--	--	--	--	--	--	--
07/21.22/94	--	--	--	--	--	--	ND	--	--
<b>C-13</b>									
04/10/89	ND	--	--	--	--	--	--	--	--
06/26/89	ND	--	--	--	--	--	--	--	--
10/13/89	ND	--	--	--	--	--	--	--	--
01/03/90	ND	--	--	--	--	--	--	--	--
05/08/90	ND	--	ND	--	ND	--	--	--	--
09/27/90	ND	--	17	ND	ND	--	--	--	--
01/03/91	ND	--	ND	ND	ND	ND	--	--	--
04/06/92	ND	--	ND	ND	ND	ND	--	--	--
07/21 22/94	--	--	--	--	--	--	ND	--	--
<b>C-1</b>									
04/10/89	ND	--	--	--	--	--	--	--	--
04/10/89	ND	--	--	--	--	--	--	--	--
06/26/89	30	--	--	--	--	--	--	--	--
06/26/89	17	--	--	--	--	--	--	--	--
10/13/89	ND	--	--	--	--	--	--	--	50

**Table 3**  
**Groundwater Analytical Results**  
Chevron Service Station #9-1924  
4904 Southfront Road  
Livermore, California

WELL ID/ DATE	1,2-DCA (ppb)	VC (ppb)	MC (ppb)	1,1,1-TEA (ppb)	1,1-DCA (ppb)	PCE (ppb)	T Lead (ppb)	D. Lead (ppb)	CDS (ppb)
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**C-1 (cont)**

01/03/90	1 0	--	--	--	--	--	--	--	--
05/08/90	1 2	--	ND	--	ND	--	--	--	--
09/29/90	ND	--	0 7	1 4	ND	--	--	--	--
01/03/91	ND	--	ND	ND	ND	ND	--	--	--
04/06/92	ND	--	ND	ND	ND	ND	--	--	--
04/23/93 <sup>1</sup>									
07/21,22/94	--	--	--	--	--	--	ND	--	--

NOT MONITORED/SAMPLED - UNABLE TO LOCATE

ASSUMED DESTROYED (Per Lead Consultant 11/30/01)

**C-2**

04/10/89	ND	--	--	--	--	--	--	--	--
04/10/89	ND	--	--	--	--	--	--	--	--
06/26/89	ND	--	--	--	--	--	--	--	--
06/26/89	2 0	--	--	--	--	--	--	--	--
10/13/89	ND	--	--	--	--	--	--	--	--
01/03/90	1 0	--	--	--	--	--	--	--	--
05/08/90	1 1	--	ND	--	ND	--	--	--	--
09/29/90	ND	--	1 7	0 5	ND	--	--	--	--
01/03/91	ND	--	ND	ND	ND	ND	--	--	--
04/06/92	ND	--	ND	ND	ND	ND	--	--	--
07/21,22/94	--	--	--	--	--	--	ND	--	--

**C-3**

04/10/89	1 4	--	--	--	--	--	--	--	--
06/26/89	1 5	--	--	--	--	--	--	--	--
10/13/89	ND	--	--	--	--	--	--	--	--
01/03/90	0 7	--	--	--	--	--	--	--	--
05/08/90	0 7	--	ND	--	ND	--	--	--	--
09/27/90	ND	--	1 1	1 6	ND	--	--	--	--
01/03/91	ND	--	ND	ND	ND	ND	--	--	--
04/12/91	ND	--	ND	ND	ND	ND	--	--	--
09/04/91	ND	--	ND	ND	ND	ND	--	--	--
04/06/92	ND	--	ND	ND	ND	ND	--	--	--
07/21 22/94	--	--	--	--	--	--	ND	--	--

DESTROYED

**C-5**

04/10/89	1 4	--	--	--	--	--	--	--	--
06/26/89	1 5	--	--	--	--	--	--	--	--

**Table 3**  
**Groundwater Analytical Results**  
 Chevron Service Station #9-1924  
 4904 Southfront Road  
 Livermore California

WELL ID/ DATE	1,2-DCA (ppb)	VC (ppb)	MC (ppb)	1,1,1-TCA (ppb)	1,1-DCA (ppb)	PCE (ppb)	T Lead (ppb)	D. Lead (ppb)	CDS (ppb)
<b>C-5 (cont)</b>									
10/13/89	ND	--	--	--	--	--	--	--	--
01/03/90	ND	--	--	--	--	--	--	--	--
05/08/90	0.8	--	ND	--	--	--	--	--	--
09/27/90	ND	--	0.7	ND	ND	--	--	--	--
01/03/91	ND	--	ND	ND	ND	ND	--	--	--
04/12/91	0.5	--	ND	ND	ND	ND	--	--	--
09/04/91	ND	--	ND	ND	ND	ND	--	--	--
04/06/92	ND	--	ND	ND	ND	ND	--	--	--
07/21,22/94	--	--	ND	ND	ND	ND	--	--	--
DESTROYED							ND		
<b>C-6</b>									
04/12/89	ND	--	--	--	--	--	--	--	--
06/26/89	ND	--	--	--	--	--	--	--	--
10/13/89	ND	--	--	--	--	--	--	--	--
01/03/90	1.0	--	--	--	--	--	--	--	--
05/08/90	1.6	--	ND	--	--	--	--	--	--
09/29/90	1.0	--	ND	2.4	1.6	--	--	--	--
01/03/91	0.5	--	ND	ND	ND	ND	--	--	--
04/06/92	ND	--	ND	ND	ND	ND	--	--	--
07/28/92	--	--	--	ND	ND	ND	--	--	--
07/21 22/94	--	--	--	--	--	--	--	--	--
10/20/97	--	--	--	--	--	--	ND	--	--
DESTROYED								<5.0	
<b>C-8</b>									
04/12/89	5.0	--	--	--	--	--	--	--	--
06/26/89	4.0	--	--	--	--	--	--	--	--
10/13/89	ND	--	--	--	--	--	--	--	--
01/03/90	1.5	--	--	--	--	--	--	--	--
05/07/90	1.9	--	ND	--	--	--	--	--	--
09/29/90	ND	--	0.6	ND	ND	--	--	--	--
01/03/91	ND	--	0.7	ND	ND	--	--	--	--
04/12/91	0.6	--	ND	ND	ND	ND	--	--	--
09/04/91	ND	--	ND	ND	ND	ND	--	--	--
04/06/92	ND	--	ND	ND	ND	ND	--	--	--
07/21 22/94	--	--	ND	ND	ND	ND	--	--	--
DESTROYED						ND			

**Table 3**  
**Groundwater Analytical Results**  
Chevron Service Station #9-1924  
4904 Southfront Road  
Livermore California

WELL ID/ DATE	1,2-DCA (ppb)	VC (ppb)	MC (ppb)	1,1,1-TCA (ppb)	1,1-DCA (ppb)	PCE (ppb)	T-Lead (ppb)	D-Lead (ppb)	CDS (ppb)
<b>C-10</b>									
04/11/89	61	--	--	--	--	--	--	--	--
06/26/89	ND	--	--	--	--	--	--	--	--
10/13/89	ND	--	--	--	--	--	--	--	--
01/03/90	30	--	--	--	--	--	--	--	--
05/07/90	ND	--	ND	--	ND	--	--	--	--
09/27/90	ND	--	12	ND	ND	--	--	--	--
01/03/91	ND	--	ND	ND	ND	ND	--	--	--
04/12/91	10	--	ND	ND	ND	ND	--	--	--
09/04/91	ND	--	ND	ND	ND	ND	--	--	--
04/06/92	11	--	ND	ND	ND	ND	--	--	--
07/21,22/94	--	--	--	--	--	--	ND	--	--
DESTROYED									
<b>C-14</b>									
04/12/89	ND	--	--	--	--	--	--	--	--
06/26/89	30	--	--	--	--	--	--	--	--
01/03/90	25	30	--	--	--	--	--	--	--
01/04/90	18	10	--	--	--	--	--	--	--
05/08/90	13	--	ND	--	ND	--	--	--	--
04/12/91	ND	--	ND	ND	ND	ND	--	--	--
04/06/92	ND	--	ND	ND	ND	ND	--	--	--
04/22/93 <sup>1</sup>	--	--	--	--	--	--	--	--	--
07/21,22/94	--	--	--	--	--	--	330	--	--
DESTROYED									
<b>C-15</b>									
04/12/89	ND	--	--	--	--	--	--	--	--
06/26/89	ND	--	--	--	--	--	--	--	--
10/13/89	ND	--	--	--	--	--	--	--	--
01/03/90	ND	--	--	--	--	--	--	--	--
05/08/90	ND	--	ND	--	ND	--	--	--	--
09/27/90	ND	--	29	ND	ND	--	--	--	--
01/03/91	ND	--	ND	ND	ND	ND	--	--	--
04/06/92	ND	--	ND	ND	ND	ND	--	--	--
07/21,22/94	--	--	--	--	--	--	ND	--	--
DESTROYED									
<b>C-16</b>									
04/11/89	80	--	--	--	--	--	--	--	--
06/26/89	ND	--	--	--	--	--	--	--	--

**Table 3**  
**Groundwater Analytical Results**  
Chevron Service Station #9-1924  
4904 Southfront Road  
Livermore, California

WELL ID/ DATE	1,2-DCA (ppb)	VC (ppb)	MC (ppb)	1,1,1-TCA (ppb)	1,1-DCA (ppb)	PCE (ppb)	T. Lead (ppb)	D. Lead (ppb)	CDS (ppb)
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**C-16 (cont)**

10/13/89	ND	--	--	--	--	--	--	--	--
01/03/90	5 0	--	--	--	--	--	--	--	--
05/07/90	4 5	--	ND	--	ND	--	--	--	--
09/29/90	1 8	--	ND	ND	ND	--	--	--	--
01/03/91	2 0	--	0 8	ND	ND	ND	--	--	--
04/06/92	1 0	--	ND	ND	ND	ND	--	--	--
07/28/92	--	--	--	--	--	--	--	--	--
07/21 22/94	--	--	--	--	--	--	8 0	--	--

NOT MONITORED/SAMPLED - UNABLE TO LOCATE

**C-17**

04/11/89	ND	--	--	--	--	--	--	--	--
06/26/89	ND	--	--	--	--	--	--	--	--
06/26/89	ND	--	--	--	--	--	--	--	--
10/13/89	ND	--	--	--	--	--	--	--	--
01/03/90	ND	--	--	--	--	--	--	--	--
05/08/90	ND	--	ND	--	ND	--	--	--	--
09/29/90	ND	--	ND	1 9	ND	--	--	--	--
09/29/90	ND	--	1 8	1 9	ND	--	--	--	--
01/03/91	ND	--	1 8	1 9	ND	ND	--	--	--
01/03/91	ND	--	ND	ND	ND	ND	--	--	--
04/12/91	ND	--	ND	ND	ND	ND	--	--	--
04/12/91	ND	--	ND	ND	ND	ND	--	--	--
09/04/91	ND	--	ND	ND	ND	ND	--	--	--
09/04/91	ND	--	ND	ND	ND	ND	--	--	--
04/06/92	ND	--	ND	ND	ND	ND	--	--	--
07/21 22/94	--	--	--	--	--	--	ND	--	--
10/20/97	--	--	--	--	--	--	--	<5 0	--
04/30/98	--	--	--	--	--	--	--	--	--
10/07/98	--	--	--	--	--	--	--	--	--
04/14/99	--	--	--	--	--	--	--	--	--
01/21/00	--	--	--	--	--	--	--	--	--

DESTROYED

**C-18**

04/11/89	3 6	--	--	--	--	--	--	--	--
06/26/89	3 1	--	--	--	--	--	--	--	--
10/13/89	ND	--	--	--	--	--	--	--	--
01/03/90	1 0	--	--	--	--	--	--	--	--
05/07/90	ND	--	ND	--	ND	--	--	--	--

**Table 3**  
**Groundwater Analytical Results**  
Chevron Service Station #9-1924  
4904 Southfront Road  
Livermore California

WELL ID/ DATE	1,2-DCA (ppb)	VC (ppb)	MC (ppb)	1,1,1-TCA (ppb)	1,1-DCA (ppb)	PCE (ppb)	T. Lead (ppb)	D. Lead (ppb)	CDS (ppb)
<b>C-18 (cont)</b>									
09/27/90	ND	--	06	ND	ND	--	--	--	--
01/03/91	ND	--	ND	ND	ND	ND	--	--	--
04/12/91	ND	--	ND	ND	ND	ND	--	--	--
09/04/91	ND	--	ND	ND	ND	ND	--	--	--
04/06/92	ND	--	ND	ND	ND	ND	--	--	--
NOT MONITORED/SAMPLED				ND	ND	ND	--	--	--
<b>C-19</b>									
04/11/89	13	--	--	--	--	--	--	--	--
04/11/89	14	--	--	--	--	--	--	--	--
06/26/89	26	--	--	--	--	--	--	--	--
10/13/89	13	--	--	--	--	--	--	--	--
01/03/90	11	--	--	--	--	--	--	--	13
05/07/90	46	--	ND	--	ND	--	--	--	--
09/28/90	ND	--	12	ND	ND	--	--	--	--
01/03/91	10	--	ND	ND	ND	09	--	--	--
04/06/92	19	--	ND	ND	ND	ND	--	--	--
07/21 22/94	--	--	--	--	--	--	--	--	--
DESTROYED							ND	--	--



**Table 3**  
**Groundwater Analytical Results**  
Chevron Service Station #9-1924  
4904 Southfront Road  
Livermore, California

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**EXPLANATIONS**

Groundwater laboratory analytical results prior to September 28, 2001 were compiled from reports prepared by Blaine Tech Services, Inc.

1,2-DCA = 1,2-Dichloroethane

VC = Vinyl Chloride

MC = Methylene Chloride

1,1,1-TCA = 1,1,1-Trichloroethane

1,1-DCA = 1,1-Dichloroethane

PCE = Tetrachloroethene

T Lead = Total Lead

D Lead = Dissolved Lead

CDS = Carbon Disulfide

(ppb) = Parts per billion

ND = Not detected

-- = Not Analyzed

<sup>1</sup> Sampled for Volatile Organic Compounds (VOCs) by EPA Method 8010B. All analytes were ND above the detection limits <0.5 to <5.0.

<sup>2</sup> Halogenated Volatile Organic Compounds (HVOCs) analyzed by EPA Method 8260. All other HVOCs were less than the reporting limit. see specific lab report.

## 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 #9-1924 Job Number 386448  
 Site Address 4904 Southfront Road Event Date 9/2/04 (inclusive)  
 City Livermore, CA Sampler Jim Herron

Well ID C-7 Date Monitored 9/2/04 Well Condition ok  
 Well Diameter 21.5 in  
 Total Depth 20.89 ft  
 Depth to Water 14.07 ft  
6.82 xVF .38 = 2.59 x3 case volume = Estimated Purge Volume 7.77 gal

Volume	3/4" = 0.02	1" = 0.04	2" = 0.17	3" = 0.38
	1" = 0.06	2" = 0.22	3" = 0.50	4" = 0.80

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

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

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

Start Time (purge) 1000 Weather Conditions Clear  
 Sample Time/Date 1025 9/2/04 Water Color Clear Odor No  
 Purging Flow Rate 1 - gpm Sediment Description No  
 Did well de-water? No If yes, Time \_\_\_\_\_ Volume \_\_\_\_\_ gal

Time (2400 hr)	Volume (gal)	pH	Conductivity (umhos/cm)	Temperature (°F)	D O (mg/L)	ORP (mV)
<u>1003</u>	<u>2.5</u>	<u>7.34</u>	<u>924</u>	<u>22.6</u>		
<u>1006</u>	<u>5.0</u>	<u>7.30</u>	<u>947</u>	<u>22.1</u>		
<u>1010</u>	<u>7.5</u>	<u>7.26</u>	<u>940</u>	<u>21.8</u>		

### LABORATORY INFORMATION

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

COMMENTS \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

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



# GETTLER-RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility # ChevronTexaco #9-1924 Job Number 386448  
 Site Address 4904 Southfront Road Event Date 9/2/04 (inclusive)  
 City Livermore, CA Sampler Jim Herron

Well ID C-9 Date Monitored 9/2/04 Well Condition OK

Well Diameter 21 (3) in

Total Depth 23.06 ft

Depth to Water 12.89 ft

Volume	3/4" = 0.02	1" = 0.04	2" = 0.17	3" = 0.36
Factor (VF)	4" = 0.66	5" = 1.02	6" = 1.50	12" = 5.80

10.17 xVF .38 = 3.86 x3 case volume = Estimated Purge Volume 11.59 gal

### Purge Equipment

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

### Sampling Equipment

Disposable Bailer X  
 Pressure Bailer \_\_\_\_\_  
 Discrete Bailer \_\_\_\_\_  
 Other \_\_\_\_\_

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

Start Time (purge) 1235 Weather Conditions Clear  
 Sample Time/Date 1235 18/2/04 Water Color C/604 Odor NO  
 Purging Flow Rate 1 gpm Sediment Description 1.288  
 Did well de-water? NO If yes, Time \_\_\_\_\_ Volume \_\_\_\_\_ gal

Time (2400 hr)	Volume (gal)	pH	Conductivity (umhos/cm)	Temperature (°F)	DO (mg/L)	ORP (mV)
<u>1238</u>	<u>3</u>	<u>7.37</u>	<u>699</u>	<u>20.9</u>		
<u>1242</u>	<u>6</u>	<u>7.28</u>	<u>731</u>	<u>20.3</u>		
<u>1245</u>	<u>9</u>	<u>7.06</u>	<u>745</u>	<u>20.1</u>		

### LABORATORY INFORMATION

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

### COMMENTS

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



# GETTLER-RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility # ChevronTexaco #9-1924 Job Number 386448  
 Site Address 4904 Southfront Road Event Date 9/2/04 (inclusive)  
 City Livermore, CA Sampler Sim Herron

Well ID C-11 Date Monitored 9/2/04 Well Condition ok

Well Diameter 21 3/8 in

Total Depth 1928 ft

Depth to Water 14.70 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

4.68 xVF .38 = 1.77 x3 case volume = Estimated Purge Volume 5.33 gal

### Purge Equipment

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

### Sampling Equipment

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

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

Start Time (purge) 1205 Weather Conditions clear  
 Sample Time/Date 1225 9/2/04 Water Color cloudy Odor no  
 Purging Flow Rate - gpm Sediment Description 1.9 HCL  
 Did well de-water? no If yes, Time \_\_\_\_\_ Volume \_\_\_\_\_ gal

Time (2400 hr)	Volume (gal)	pH	Conductivity (umhos/cm)	Temperature (°F)	DO (mg/L)	ORP (mV)
<u>1208</u>	<u>1.5</u>	<u>7.52</u>	<u>727</u>	<u>20.5</u>	_____	_____
<u>1211</u>	<u>3.0</u>	<u>7.31</u>	<u>735</u>	<u>20.4</u>	_____	_____
<u>1214</u>	<u>4.5</u>	<u>7.19</u>	<u>745</u>	<u>20.2</u>	_____	_____
_____	_____	_____	_____	_____	_____	_____

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG	PRESERV TYPE	LABORATORY	ANALYSES
<u>C-11</u>	<u>6</u> x vov vial	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-G(8015)/BTEX+MTBE(8260)</u>
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

### COMMENTS

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

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



# GETTLER-RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility # ChevronTexaco #9-1924 Job Number 386448  
 Site Address 4904 Southfront Road Event Date 9/2/04 (inclusive)  
 City Livermore, CA Sampler Jim Herron

Well ID C-12 Date Monitored 9/2/04 Well Condition OK  
 Well Diameter 21 in  
 Total Depth 18.43 ft  
 Depth to Water 14.27 ft  
12.84 xVF .38 = 4.87 x3 case volume = Estimated Purge Volume 14.63 gal

Factor (VF)	4" = 0.66	5" = 1.02	6" = 1.50	12" = 5.80
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**Purge Equipment**  
 Disposable Bailer \_\_\_\_\_  
 Stainless Steel Bailer \_\_\_\_\_  
 Stack Pump X  
 Suction Pump \_\_\_\_\_  
 Grundfos \_\_\_\_\_  
 Other \_\_\_\_\_

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

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

Start Time (purge) 1135 Weather Conditions clear  
 Sample Time/Date 1155 9/2/04 Water Color clear Odor no  
 Purging Flow Rate 1 gpm Sediment Description 1.284  
 Did well de-water? no If yes, Time \_\_\_\_\_ Volume \_\_\_\_\_ gal

Time (2400 hr)	Volume (gal)	pH	Conductivity (umhos/cm)	Temperature (°F)	DO (mg/L)	ORP (mV)
<u>1139</u>	<u>4</u>	<u>7.42</u>	<u>954</u>	<u>20.8</u>		
<u>1143</u>	<u>8</u>	<u>7.36</u>	<u>962</u>	<u>20.2</u>		
<u>1147</u>	<u>12</u>	<u>7.17</u>	<u>972</u>	<u>20.1</u>		

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG	PRESERV TYPE	LABORATORY	ANALYSES
<u>C-12</u>	<u>6</u> x vva vial	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-G(8015)BTX+MTBE(8260)</u>

### COMMENTS

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



# GETTLER-RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility # ChevronTexaco #9-1924 Job Number 386448  
 Site Address 4904 Southfront Road Event Date 9/2/04 (inclusive)  
 City Livermore, CA Sampler Jim Herron

Well ID C-13 Date Monitored 9/2/04 Well Condition ok

Well Diameter 21 3/4 in

Total Depth 213.5 ft

Depth to Water 14.77 ft

Volume	3/4" = 0.02	1" = 0.04	2" = 0.17	3" = 0.38
Factor (VF)	4.000	2.000	0.588	0.263

6.58 xVF .38 = 2.50 x3 case volume = Estimated Purge Volume 7.50 gal

### Purge Equipment

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

### Sampling Equipment

Disposable Bailer X  
 Pressure Bailer \_\_\_\_\_  
 Discrete Bailer \_\_\_\_\_  
 Other \_\_\_\_\_

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

Start Time (purge) 0930 Weather Conditions clean  
 Sample Time/Date 0945 9/2/04 Water Color cloudy Odor no  
 Purging Flow Rate 1 gpm Sediment Description no  
 Did well de-water? no If yes, Time \_\_\_\_\_ Volume \_\_\_\_\_ gal

Time (2400 hr)	Volume (gal)	pH	Conductivity (umhos/cm)	Temperature (°F)	DO (mg/L)	ORP (mV)
<u>0928</u>	<u>2.5</u>	<u>8.10</u>	<u>863</u>	<u>23.4</u>		
<u>0931</u>	<u>5.0</u>	<u>7.92</u>	<u>871</u>	<u>23.7</u>		
<u>0935</u>	<u>7.5</u>	<u>7.63</u>	<u>895</u>	<u>22.8</u>		

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG	PRESERV TYPE	LABORATORY	ANALYSES
<u>C-13</u>	<u>6</u> x vva vial	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-G(8015)/BTEX+MTBE(8260)</u>

### COMMENTS:

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



# GETTLER - RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility # ChevronTexaco #9-1924 Job Number 386448  
 Site Address 4904 Southfront Road Event Date 9/2/04 (inclusive)  
 City Livermore, CA Sampler Sam Herrera

Well ID C-20 Date Monitored 9/2/04 Well Condition OK  
 Well Diameter 21.3 in  
 Total Depth 24.03 ft  
 Depth to Water 14.25 ft  
 Factor (VF) 9.78 xVF .17 = 1.66 x3 case volume = Estimated Purge Volume 4.98 gal

Factor (VF)	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80
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**Purge Equipment**  
 Disposable Bailer X  
 Stainless Steel Bailer \_\_\_\_\_  
 Stack Pump \_\_\_\_\_  
 Suction Pump \_\_\_\_\_  
 Grundfos \_\_\_\_\_  
 Other \_\_\_\_\_

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

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

Start Time (purge) 1105 Weather Conditions clear  
 Sample Time/Date 1120 9/2/04 Water Color cloudy Odor no  
 Purging Flow Rate - gpm Sediment Description no  
 Did well de-water? no If yes, Time \_\_\_\_\_ Volume \_\_\_\_\_ gal

Time (2400 hr)	Volume (gal)	pH	Conductivity (umhos/cm)	Temperature (°F)	DO (mg/L)	ORP (mV)
<u>1108</u>	<u>1.5</u>	<u>7.43</u>	<u>870</u>	<u>21.4</u>		
<u>1111</u>	<u>3.0</u>	<u>7.31</u>	<u>891</u>	<u>21.3</u>		
<u>1115</u>	<u>4.5</u>	<u>7.06</u>	<u>915</u>	<u>21.1</u>		

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG	PRESERV TYPE	LABORATORY	ANALYSES
<u>C-20</u>	<u>6</u> x voa vial	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-G(8015)/BTEX+MTBE(8260)</u>

### COMMENTS

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





# GETTLER-RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility # ChevronTexaco #9-1924 Job Number 386448  
 Site Address 4904 Southfront Road Event Date 9/2/04 (inclusive)  
 City Livermore, CA Sampler Jim Herron

Well ID C-21 Date Monitored 9/2/04 Well Condition OK  
 Well Diameter 8.13 in  
 Total Depth 25.03 ft  
 Depth to Water 13.48 ft  
11.55 xVF .17 = 1.96 x3 case volume = Estimated Purge Volume 5.89 gal

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

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

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

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

Start Time (purge) 1035 Weather Conditions Clear  
 Sample Time/Date 1055 9/2/04 Water Color Clay Odor NO  
 Purging Flow Rate 4 gpm Sediment Description NO  
 Did well de-water? NO If yes, Time \_\_\_\_\_ Volume \_\_\_\_\_ gal

Time (2400 hr)	Volume (gal)	pH	Conductivity (umhos/cm)	Temperature (°F)	D O (mg/L)	ORP (mV)
<u>1039</u>	<u>2</u>	<u>7.28</u>	<u>992</u>	<u>21.9</u>		
<u>1043</u>	<u>4</u>	<u>7.20</u>	<u>1003</u>	<u>21.7</u>		
<u>1047</u>	<u>6</u>	<u>7.18</u>	<u>1016</u>	<u>21.5</u>		

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG	PRESERV TYPE	LABORATORY	ANALYSES
<u>C-21</u>	<u>6</u> x vial	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-G(8015)/BTEX+MTBE(8260)</u>

### COMMENTS:

Add/Replaced Lock X Add/Replaced Plug X Size 2"

# Chevron California Region Analysis Request/Chain of Custody



070704-01

Acct. # 10904

For Lancaster Laboratories use only  
Sample #. 4347025-32

Group # 911039  
SCR# \_\_\_\_\_

**Cambris MTI Project # 61D-1961**

Facility # SS#9-1924 G-R#386448 Global ID#T0600100341  
 Site Address 1904 SOUTHFRONT ROAD, LIVERMORE, CA  
 Chevron PM MTI Lead Consultant CAMBRIA  
 Consultant/Office G-R, Inc., 6747 Sierra Court, Suite J, Dublin, Ca. 94568  
 Consultant Prj Mgr Deanna L. Harding (deanna@grinc.com)  
 Consultant Phone #25-551-7555 Fax #925-551-7899  
 Sampler Jim Herron  
 Service Order # \_\_\_\_\_  Non SAR

Matrix		Analyses Requested									
		Preservation Codes									
Soil	Water	Oil	Air	Total Number of Containers	BTEX + MTBE 8260	TPH 8015 MOD	TPH 8015 MOD DRO	8260 full scan	Oxygens	Lead 7420	7421
					<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
					<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
					<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
					<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
					<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
					<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
					<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
					<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**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	BTEX + MTBE 8260	TPH 8015 MOD	TPH 8015 MOD DRO	8260 full scan	Oxygens	Lead 7420	7421
<u>QA</u>	<u>9/2/04</u>		<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>			<u>2</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>C-7</u>		<u>1025</u>	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>			<u>6</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>C-9</u>		<u>1255</u>	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>			<u>6</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>C-11</u>		<u>1225</u>	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>			<u>6</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>C-12</u>		<u>1155</u>	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>			<u>6</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>C-13</u>		<u>0945</u>	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>			<u>6</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>C-20</u>		<u>1120</u>	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>			<u>6</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>C-21</u>		<u>1055</u>	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>			<u>6</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Comments / Remarks**

<b>Turnaround Time Requested (TAT) (please circle)</b> STD TAT <u>72 hour</u> 48 hour 24 hour            4 day            5 day	Relinquished by <u>[Signature]</u>	Date <u>9/2/04</u>	Time <u>1400</u>	Received by _____	Date _____	Time _____
	Relinquished by <u>[Signature]</u>	Date <u>9/7/04</u>	Time _____	Received by <u>[Signature]</u>	Date <u>9/7/04</u>	Time <u>1545</u>
<b>Data Package Options (please circle if required)</b> QC Summary            Type I — Full Type VI (Raw Data) <input type="checkbox"/> Coeff Deliverable not needed WIP (RWOCB) <b>EDF/EDD</b> Disk	Relinquished by <u>[Signature]</u>	Date <u>9/7/04</u>	Time <u>1545</u>	Received by <u>[Signature]</u>	Date <u>9/7/04</u>	Time _____
	Relinquished by Commercial Carrier UPS            FedEx <u>Other</u>	Received by <u>[Signature]</u>	Date <u>9/18/04</u>	Time <u>1100</u>	Received by _____	Date _____
Temperature Upon Receipt <u>5-58°C</u>		Custody Seals Intact? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No				



# Analysis Report

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

## ANALYTICAL RESULTS

Prepared for

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

Prepared by

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

## SAMPLE GROUP

The sample group for this submittal is 911039 Samples arrived at the laboratory on Wednesday, September 08, 2004 The PO# for this group is 99011184 and the release number is MT1

<u>Client Description</u>		<u>Lancaster Labs Number</u>
QA-T-040902	NA Water	4347025
C-7-W-040902	Grab Water	4347026
C-9-W-040902	Grab Water	4347027
C-11-W-040902	Grab Water	4347028
C-12-W-040902	Grab Water	4347029
C-13-W-040902	Grab Water	4347030
C-20-W-040902	Grab Water	4347031
C-21-W-040902	Grab Water	4347032

1 COPY TO  
ELECTRONIC  
COPY TO

Cambria C/O Gettler- Ryan  
Gettler-Ryan

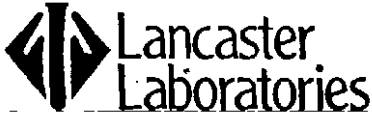
Attn Deanna L Harding  
Attn Cheryl Hansen

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

Respectfully Submitted,



Victoria M Martell  
Chemist



# Analysis Report

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Lancaster Laboratories Sample No. WW 4347025

QA-T-040902 NA Water  
 Facility# 91924 Job# 386448 MTI# 61D-1961 GRD  
 4904 Southfront-Livermore T0600100341 QA  
 Collected 09/02/2004

Account Number 10904

Submitted 09/08/2004 11 00  
 Reported 09/17/2004 at 12 33  
 Discard 10/18/2004

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

LIVQA

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n a	N D	50	ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time					
06054	BTEX+MTBE by 8260B					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N D	0.5	ug/l	1
05401	Benzene	71-43-2	N D	0.5	ug/l	1
05407	Toluene	108-88-3	N D	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N D	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	N D	0.5	ug/l	1

State of California Lab Certification No 2116

## Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
01728	TPH-GRO - Waters	N CA LUFT Gasoline Method	1	09/09/2004 12 38	K Robert Caulfeild-James	1
06054	BTEX+MTBE by 8260B	SW-846 8260B	1	09/15/2004 15 41	Anita M Dale	1
01146	GC VOA Water Prep	SW-846 5030B	1	09/09/2004 12 38	K Robert Caulfeild-James	n a
01163	GC/MS VOA Water Prep	SW-846 5030B	1	09/15/2004 15 41	Anita M Dale	n a



# Analysis Report

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Lancaster Laboratories Sample No. WW 4347026

C-7-W-040902 Grab Water  
Facility# 91924 Job# 386448 MTI# 61D-1961 GRD  
4904 Southfront-Livermore T0600100341 C-7  
Collected 09/02/2004 10-25 by JH

Account Number 10904

Submitted 09/08/2004 11:00  
Discard 10/18/2004

ChevronTexaco c/o Cambria  
4111 Citrus Avenue  
Rocklin CA 95677

LIVC7

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	500	50	ug/l	1
06054	BTEX+MTBE by 8260B					
02010	Methyl Tertiary Butyl Ether	1634-04-4	60	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 Gasline Method	1	09/09/2004 21:47	K Robert Caulfeild-James	1
06054	BTEX+MTBE by 8260B	SW-846 8260B	1	09/15/2004 16:06	Anita M Dale	1
01146	GC VOA Water Prep	SW-846 5030B	1	09/09/2004 21:47	K Robert Caulfeild-James	n a
01163	GC/MS VOA Water Prep	SW-846 5030B	1	09/15/2004 16:06	Anita M Dale	n a



# Analysis Report

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Lancaster Laboratories Sample No. WW 4347027

C-9-W-040902 Grab Water  
 Facility# 91924 Job# 386448 MTI# 61D-1961 GRD  
 4904 Southfront-Livermore T0600100341 C-9  
 Collected 09/02/2004 12.55 by JH

Account Number- 10904

Submitted 09/08/2004 11 00  
 Reported 09/17/2004 at 12 33  
 Discard- 10/18/2004

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

LIVC9

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n a	1,200	50	ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time					
06054	BTEX+MTBE by 8260B					
02010	Methyl Tertiary Butyl Ether	1634-04-4	7	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	09/09/2004 22 17	K Robert Caulfeild-James	1
06054	BTEX+MTBE by 8260B	SW-846 8260B	1	09/15/2004 16 31	Anita M Dale	1
01146	GC VOA Water Prep	SW-846 5030E	1	09/09/2004 22 17	K Robert Caulfeild-James	n a
01163	GC/MS VOA Water Prep	SW-846 5030B	1	09/15/2004 16 31	Anita M Dale	n a

Lancaster Laboratories Sample No. **WW 4347028**

C-11-W-040902                      **Grab              Water**  
 Facility# 91924    Job# 386448    MTI# 61D-1961    **GRD**  
 4904 Southfront-Livermore T0600100341    C-11  
 Collected 09/02/2004 12 25              by JH

Account Number 10904

Submitted 09/08/2004 11 00  
 Reported 09/27/2004 00 12 00  
 Discard: 10/18/2004

ChevronTexaco c/o Cambria  
 4111 Citrus Avenue  
 Rocklin CA 95677

LIV11

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n a	N D	50	ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time					
06054	BTEX+MTBE by 8260B					
02010	Methyl Tertiary Butyl Ether	1634-04-4	8	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	09/09/2004 22 48	K Robert Caulfeild-James	1
06054	BTEX+MTBE by 8260B	SW-846 8260E	1	09/15/2004 16 55	Anita M Dale	1
01146	GC VOA Water Prep	SW-846 5030B	1	09/09/2004 22 48	K Robert Caulfeild-James	n a
01163	GC/MS VOA Water Prep	SW-846 5030B	1	09/15/2004 16 55	Anita M Dale	n a





# Analysis Report

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Lancaster Laboratories Sample No. WW 4347029

C-12-W-040902 Grab Water  
 Facility# 91924 Job# 386448 MTI# 61D-1961 GRD  
 4904 Southfront-Livermore T0600100341 C-12  
 Collected 09/02/2004 11 55 by JH

Account Number 10904

Submitted: 09/08/2004 11:00  
 Reported: 09/17/2004 at 12 33  
 Discard: 10/18/2004

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

LIV12

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n a	N D	50	ug/l	1
The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time						
06054	BTEX+MTBE by 8260B					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N D	0.5	ug/l	1
05401	Benzene	71-43-2	N D	0.5	ug/l	1
05407	Toluene	108-88-3	N D	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N D	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	2	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 Gasline Method	1	09/10/2004 01 20	K Robert Caulfeild-James	1
06054	BTEX+MTBE by 8260B	SW-846 8260B	1	09/15/2004 17 20	Anita M Dale	1
01146	GC VOA Water Prep	SW-846 5030B	1	09/10/2004 01 20	K Robert Caulfeild-James	n a
01163	GC/MS VOA Water Prep	SW-846 5030E	1	09/15/2004 17 20	Anita M Dale	n a

Lancaster Laboratories Sample No. WW 4347030

C-13-W-040902                      Grab                      Water  
 Facility# 91924    Job# 386448    MTI# 61D-1961    GRD  
 4904 Southfront-Livermore T0600100341 C-13  
 Collected-09/02/2004 09-45                      by JH

Account Number. 10904

Submitted 09/08/2004 11 00  
 Reported 09/17/2004 at 10 00  
 Discard 10/18/2004

ChevronTexaco c/o Cambria  
 4111 Citrus Avenue  
 Rocklin CA 95677

LIV13

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n a	N D	50	ug/l	1
The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time						
06054	BTEX+MTBE by 8260B					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N D	0.5	ug/l	1
05401	Benzene	71-43-2	N D	0.5	ug/l	1
05407	Toluene	108-88-3	N D	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N D	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	N D	0.5	ug/l	1

State of California Lab Certification No 2116

### Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01728	TPH-GRO - Waters	N CA LUFT Gasoline Method	1	09/10/2004 01 51	K Robert Caulfeild-James	1
06054	BTEX+MTBE by 8260B	SW-846 8260B	1	09/15/2004 17 45	Anita M Dale	1
01146	GC VOA Water Prep	SW-846 5030B	1	09/10/2004 01 51	K Robert Caulfeild-James	n a
01163	GC/MS VOA Water Prep	SW-846 5030B	1	09/15/2004 17 45	Anita M Dale	n a



# Analysis Report

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Lancaster Laboratories Sample No. WW 4347031

C-20-W-040902 Grab Water  
Facility# 91924 Job# 386448 MTI# 61D-1961 GRD  
4904 Southfront-Livermore T0600100341 C-20  
Collected 09/02/2004 11 20 by JH

Account Number 10904

Submitted 09/08/2004 11:00  
Reported 09/17/2004 at 12 34  
Discard: 10/18/2004

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

LIV20

CAT No	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n a	N D	50	ug/l	1
The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time						
06054	BTEX+MTBE by 8260B					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N D	0.5	ug/l	1
05401	Benzene	71-43-2	N D	0.5	ug/l	1
05407	Toluene	108-88-3	N D	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N D	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	N D	0.5	ug/l	1

State of California Lab Certification No 2116

## Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01728	TPH-GRO - Waters	N CA LUFT Gasoline Method	1	09/11/2004 03 48	Michael F Barrow	1
06054	BTEX+MTBE by 8260B	SW-846 8260E	1	09/15/2004 18 10	Anita M Dale	1
01146	GC VOA Water Prep	SW-846 5030E	1	09/11/2004 03 48	Michael F Barrow	n a
01163	GC/MS VOA Water Prep	SW-846 5030E	1	09/15/2004 18 10	Anita M Dale	n a

Lancaster Laboratories Sample No. WW 4347032

 C-21-W-040902 Grab Water  
 Facility# 91924 Job# 386448 MTI# 61D-1961 GRD  
 4904 Southfront-Livermore T0600100341 C-21  
 Collected 09/02/2004 10 55 by JH

Account Number. 10904

 Submitted 09/08/2004 11 00  
 Discard: 10/18/2004

 ChevronTexaco c/o Cambria  
 4111 Citrus Avenue  
 Rocklin CA 95677

LIV21

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n a	N D	50	ug/l	1
The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.						
06054	BTEX+MTBE by 8260B					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N D	0 5	ug/l	1
05401	Benzene	71-43-2	N D	0 5	ug/l	1
05407	Toluene	108-88-3	N D	0 5	ug/l	1
05415	Ethylbenzene	100-41-4	N D	0 5	ug/l	1
06310	Xylene (Total)	1330-20-7	N D	0 5	ug/l	1

State of California Lab Certification No 2116

### Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01728	TPH-GRO - Waters	N CA LUFT Gasoline Method	1	09/11/2004 04 17	Michael F Barrow	1
06054	BTEX+MTBE by 8260B	SW-846 8260B	1	09/15/2004 22 05	Elizabeth M Taylor	1
01146	GC VOA Water Prep	SW-846 5030B	1	09/11/2004 04 17	Michael F Barrow	n a
01163	GC/MS VOA Water Prep	SW-846 5030B	1	09/15/2004 22 05	Elizabeth M Taylor	n a

## Quality Control Summary

 Client Name ChevronTexaco c/o Cambria  
 Reported 09/17/04 at 12 34 PM

Group Number: 911039

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

### Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number 04253A16A TPH-GRO - Waters	Sample number(s) N D	50	4347025-4347028 ug/l	101	101	70-130	0	30
Batch number 04253A16E TPH-GRO - Waters	Sample number(s) N D	50	4347029-4347030 ug/l	101	101	70-130	0	30
Batch number 04254A08C TPH-GRO - Waters	Sample number(s) N D	50	4347031-4347032 ug/l	103	101	70-130	2	30
Batch number 2042592AA Methyl Tertiary Butyl Ether	Sample number(s) N D	0.5	4347025-4347031 ug/l	99		77-127		
Benzene	N D	0.5	ug/l	94		85-117		
Toluene	N D	0.5	ug/l	97		85-115		
Ethylbenzene	N D	0.5	ug/l	96		82-119		
Xylene (Total)	N D	0.5	ug/l	93		83-113		
Batch number 2042594AA Methyl Tertiary Butyl Ether	Sample number(s) N D	0.5	4347032 ug/l	97		77-127		
Benzene	N D	0.5	ug/l	95		85-117		
Toluene	N D	0.5	ug/l	97		85-115		
Ethylbenzene	N D	0.5	ug/l	95		82-119		
Xylene (Total)	N D	0.5	ug/l	95		83-113		

### Sample Matrix Quality Control

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number 04253A16A TPH-GRO - Waters	Sample number(s) 111	111	4347025-4347028 63-154	0	30				
Batch number 04253A16E TPH-GRO - Waters	Sample number(s) 111	111	4347029-4347030 63-154	0	30				
Batch number 04254A08C TPH-GRO - Waters	Sample number(s) 115		4347031-4347032 63-154						
Batch number 2042592AA Methyl Tertiary Butyl Ether	Sample number(s) 99	94	4347025-4347031 69-134	5	30				
Benzene	102	97	63-128	5	30				
Toluene	101	100	83-127	1	30				
Ethylbenzene	109	100	82-129	6	30				

\*- Outside of specification

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

## Quality Control Summary

 Client Name: ChevronTexaco c/o Cambria  
 Reported: 09/17/04 at 12.34 PM

Group Number: 911039

### Sample Matrix Quality Control

Analysis Name	LOQ	LOQ	LOQ	RPD	MAX	Conc	Conc	RPD	Max
Xylene (Total)	99	94	82-130	5	30				
Batch number Z042594AA	Sample number(s) 4347032								
Methyl Tertiary Butyl Ether	103	101	69-134	2	30				
Benzene	105	101	83-12E	4	30				
Toluene	106	103	83-127	4	30				
Ethylbenzene	105	101	82-129	4	30				
Xylene (Total)	103	99	82-130	4	30				

### Surrogate Quality Control

 Analysis Name TPH-GRO - Waters  
 Batch number 04253A16A  
 Trifluorotoluene-F

4347025	114
4347026	124
4347027	118
4347028	111
Blank	111
LCS	114
LCSD	114
MS	114
MSD	114

Limits 57-146

 Analysis Name TPH-GRO - Waters  
 Batch number 04253A16B  
 Trifluorotoluene-F

4347029	108
4347030	110
Blank	109
LCS	114
LCSD	114
MS	114
MSD	114

Limits 57-146

 Analysis Name TPH-GRO - Waters  
 Batch number 04254A08C  
 Trifluorotoluene-F

4347031	104
4347032	104
Blank	103
LCS	107
LCSD	105
MS	106

\*- 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 09/17/04 at 12 34 PM

Group Number 911039

### Surrogate Quality Control

Limits 57-146

Analysis Name BTEX+MTBE by 8260B

Batch number 2042594AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4347025	99	100	100	95
4347026	101	101	100	100
4347027	99	96	100	106
4347028	99	96	100	94
4347029	100	96	100	93
4347030	99	94	99	92
4347031	101	98	100	93
Blank	100	101	102	95
LCS	100	100	101	100
MS	99	104	100	110
MSD	97	99	101	111

Limits 81-120

82-112

85-112

83-113

Analysis Name BTEX+MTBE by 8260B

Batch number 2042594AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4347032	101	100	101	94
Blank	98	96	101	96
LCS	96	98	101	98
MS	103	102	101	101
MSD	102	103	100	102

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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