

P0439

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

May 5, 2004

**ChevronTexaco**

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

Alameda County  
MAY 07 2004  
Environmental Health

Re: Chevron Service Station # 9-0917

Address: 5280 Hopyard Road, Pleasanton, California

I have reviewed the attached routine groundwater monitoring report dated April 9, 2004.

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

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

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

Sincerely,



Karen Streich  
Project Manager

Enclosure: Report



# GETTLER-RYAN INC.

## TRANSMITTAL

Alameda County  
MAY 07 2004  
Environmental Health

April 9, 2004  
G-R #385242

**TO:** Ms. Karen Streich  
ChevronTexaco Company  
P.O. Box 6004  
San Ramon, California 94583

**CC:** Ms. Kristene Wilder  
Cambria Environmental, Inc.  
5900 Hollis Street, Suite A  
Emeryville, California 94608

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

**RE:** **Chevron Service Station**  
**#9-0917**  
**5280 Hopyard Road**  
**Pleasanton, California**

WE HAVE ENCLOSED THE FOLLOWING:

COPIES	DATED	DESCRIPTION
1	April 7, 2004	Groundwater Monitoring and Sampling Report First Quarter - Event of March 15, 2004

**COMMENTS:**

Please provide any comments/changes and propose any groundwater monitoring modifications for the next event prior to **May 4, 2004**, at which time the final report will be distributed to the following:

- cc: Mr. Eddie So, RWQCB - San Francisco Bay Region, 1515 Clay Street, Suite 1400, Oakland, CA 94612
- Mr. Dan Christopoulos, Christopoulos Properties, 43 Panoramic Way, Walnut Creek, CA 94595-1605
- Lamorinda Development and Investment, 89 Davis Road, Suite 260, Orinda, CA 94563
- Mr. Bill Hurtido, Accor North America, 4001 International Parkway, Carrollton, TX 75007
- Mr. Scott Seery, Alameda County Health Care Services, Dept. of Environmental Health, 1131 Harbor Bay Parkway, Suite 250, Alameda, CA 94502-6577

Enclosures

trans/9-0917-KS

RO



# GETTLER - RYAN INC.

April 7, 2004  
G-R Job #385242

Ms. Karen Streich  
ChevronTexaco Company  
P.O. Box 6004  
San Ramon, CA 94583

**RE: First Quarter Event of March 15, 2004**  
Groundwater Monitoring & Sampling Report  
Chevron Service Station #9-0917  
5280 Hopyard Road  
Pleasanton, California

Dear Ms. Streich:

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

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

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

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

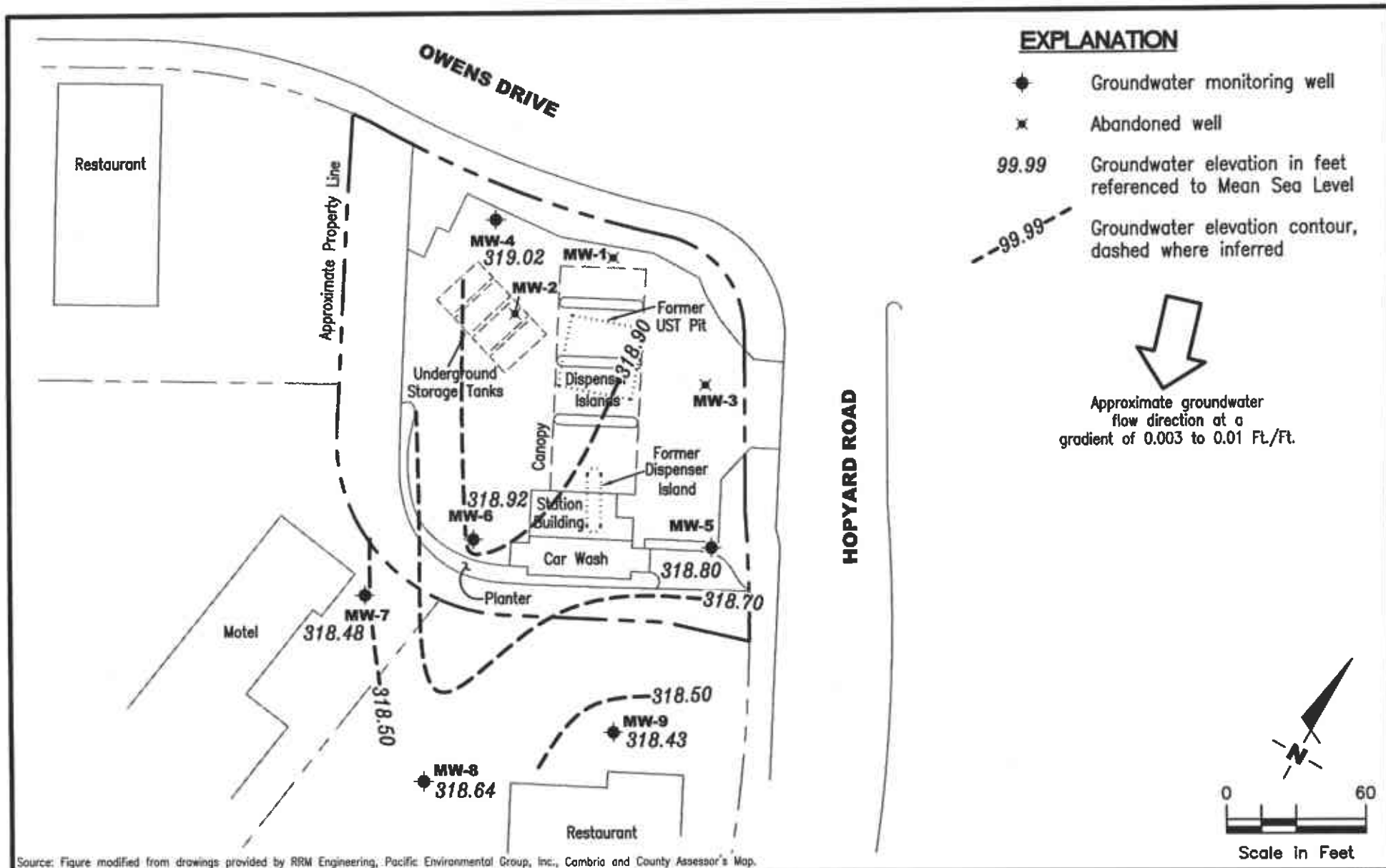
Sincerely,

Deanna L. Harding  
Project Coordinator

Hagop Kevork  
P.E. No. C55734



- Figure 1: Potentiometric Map
- Table 1: Groundwater Monitoring Data and Analytical Results
- Table 2: Groundwater Analytical Results - Oxygenate Compounds
- Table 3: Dissolved Oxygen Concentrations
- Attachments: Standard Operating Procedure - Groundwater Sampling  
Field Data Sheets  
Chain of Custody Document and Laboratory Analytical Reports



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

**POTENTIOMETRIC MAP**  
 Chevron Service Station #9-0917  
 5280 Hopyard Road  
 Pleasanton, California

FIGURE

1

PROJECT NUMBER  
 385242

REVIEWED BY

DATE  
 March 15, 2004

REVISED DATE

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-0917  
5280 Hopyard Road  
Pleasanton, California

WELL ID/ DATE	TOC ( <i>ft.</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> )
MW-4									
09/16/91	327.28	317.69	9.59	<50	<0.5	<0.5	<0.5	<0.5	--
01/22/92	327.28	317.79	9.49	<50	<0.5	<0.5	<0.5	<0.5	--
03/26/92	327.28	318.39	8.89	<50	<0.5	<0.5	<0.5	<0.5	--
06/05/92	327.28	318.06	9.22	<50	<0.5	<0.5	<0.5	<0.5	--
09/23/92	327.28	317.93	9.35	<50	<0.5	<0.5	<0.5	<0.5	--
12/30/92	327.28	319.00	8.28	<50	<0.5	<0.5	<0.5	<0.5	--
03/22/93	327.28	319.03	8.25	<50	<0.5	<0.5	<0.5	<0.5	--
06/14/93	327.28	318.12	9.16	--	--	--	--	--	--
07/25/93	327.28	318.18	9.10	<50	<0.5	<0.5	<0.5	<0.5	--
09/23/93	327.28	318.58	8.70	<50	<0.5	<0.5	<0.5	<0.5	--
12/28/93	327.28	317.38	9.90	<50	<0.5	<0.5	<0.5	0.5	--
03/21/94	327.28	318.03	9.25	<50	1.0	2.0	0.5	1.9	--
06/07/94	327.28	318.23	9.05	<50	<0.5	<0.5	<0.5	<0.5	--
10/07/94	327.28	318.31	8.97	<50	<0.5	<0.5	<0.5	<0.5	--
12/29/94	327.28	318.06	9.22	<50	<0.5	1.1	0.8	2.7	--
03/06/95	327.28	318.26	9.02	<50	<0.5	<0.5	<0.5	<0.5	--
06/14/95	327.28	318.47	8.81	170	<0.5	<0.5	<0.5	<0.5	--
09/14/95	327.28	318.00	9.28	<50	1.0	<0.5	1.6	<0.5	--
12/16/95	327.28	319.42	7.86	<50	<0.5	<0.5	<0.5	<0.5	150
03/28/96	327.28	318.94	8.34	<50	<0.5	<0.5	<0.5	<0.5	53
06/28/96	327.28	318.79	8.49	70	<0.5	<0.5	<0.5	<0.5	92
09/26/96	327.28	318.84	8.44	--	--	--	--	--	--
12/30/96	327.28	319.10	8.18	<50	<0.5	<0.5	<0.5	<0.5	100
03/13/97	327.28	318.43	8.85	--	--	--	--	--	--
06/30/97	327.28	318.79	8.49	260	<0.5	<0.5	<0.5	<0.5	330
09/30/97	326.93	318.32	8.61	--	--	--	--	--	--
12/31/97	326.93	318.40	8.53	<50	<0.5	<0.5	<0.5	<0.5	170
04/02/98	326.93	317.98	8.95	--	--	--	--	--	--
06/29/98	326.93	318.21	8.72	<50	<0.5	<0.5	<0.5	<0.5	150
09/16/98	326.93	317.59	9.34	--	--	--	--	--	--
12/23/98	326.93	318.18	8.75	<50	<0.5	<0.5	<0.5	<0.5	210
03/26/99	326.93	317.79	9.14	<100	<1.0	<1.0	<1.0	<1.0	303
06/25/99	326.93	317.72	9.21	<50	<0.5	<0.5	<0.5	<0.5	228/237 <sup>1</sup>

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-0917  
5280 Hopyard Road  
Pleasanton, 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> )
<b>MW-4 (cont)</b>									
09/16/99	326.93	317.01	9.92	--	--	--	--	--	--
12/15/99	326.93	318.32	8.61	<50	<0.5	<0.5	<0.5	<0.5	310
03/07/00	326.93	318.59	8.34	--	--	--	--	--	--
06/19/00	326.93	318.84	8.09	<50	<0.50	<0.50	<0.50	<0.50	370
09/18/00	326.93	318.21	8.72	<50.0	<0.500	<0.500	<0.500	<0.500	326
12/01/00	326.93	318.03	8.90	<50.0	<0.500	<0.500	<0.500	<0.500	478
03/13/01	326.93	318.96	7.97	<50.0	<0.500	<0.500	<0.500	<0.500	9.53
06/01/01	326.93	318.62	8.31	<50	<0.50	<0.50	<0.50	<0.50	<2.5/<2.0 <sup>7</sup>
09/07/01	326.94	318.49	8.45	<50	<0.50	<0.50	<0.50	<1.5	400
12/05/01	326.94	319.44	7.50	<50	<0.50	<0.50	<0.50	<1.5	350
03/26/02	326.94	318.96	7.98	<50	<0.50	<0.50	<0.50	<1.5	340
06/14/02	326.94	319.10	7.84	<50	<0.50	<0.50	<0.50	<1.5	290
09/20/02	326.94	319.66	7.28	<50	<0.50	<0.50	<0.50	<1.5	420
12/12/02	326.94	320.18	6.76	<50	<0.50	<0.50	<0.50	<1.5	43/42 <sup>7</sup>
03/07/03	326.94	320.78	6.16	<50	<0.50	<0.50	<0.50	<1.5	550/430 <sup>7</sup>
06/06/03 <sup>9</sup>	326.94	321.33	5.61	<50	<0.5	<0.5	<0.5	<0.5	3
09/05/03 <sup>9</sup>	326.94	319.29	7.65	<50	<0.5	<0.5	<0.5	<0.5	11
12/15/03 <sup>9</sup>	326.94	319.63	7.31	<50	<0.5	<0.5	<0.5	<0.5	5
03/15/04 <sup>9</sup>	326.94	319.02	7.92	<50	<0.5	<0.5	<0.5	<0.5	<0.5
<b>MW-5</b>									
09/16/91	327.82	317.76	10.06	12,000	4,000	29	1,600	92	--
01/22/92	327.82	317.24	10.58	44,000	2,000	320	5,700	2,400	--
03/26/92	327.82	318.64	9.18	39,000	3,200	210	5,700	2,400	--
06/05/92	327.82	317.92	9.90	28,000	3,800	140	4,000	2,000	--
09/23/92	327.82	317.85	9.97	40,000	2,000	290	2,900	1,800	--
12/30/92	327.82	319.02	8.80	44,000	9,000	190	3,100	1,600	--
03/22/93	327.82	318.49	9.33	43,000	6,500	170	2,400	2,400	--
06/14/93	327.82	318.04	9.78	--	--	--	--	--	--
07/25/93	327.82	318.10	9.72	43,000	550	45	2,700	1,100	--
09/23/93	327.82	318.40	9.42	44,000	14,000	640	3,700	1,800	--
12/28/93	327.82	318.15	9.67	56,000	12,000	590	4,100	1,600	--

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-0917  
5280 Hopyard Road  
Pleasanton, 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> )
<b>MW-5 (cont)</b>									
03/21/94	327.82	318.11	9.71	48,000	12,000	600	4,700	1,600	--
06/07/94	327.82	318.10	9.72	42,000	13,000	480	3,700	1,200	--
10/07/94	327.82	318.27	9.55	15,000	1,100	41	950	34	--
12/29/94	327.82	317.90	9.92	45,000	12,000	460	3,600	1,400	--
03/06/95	327.82	318.50	9.32	40,000	9,700	210	3,500	700	--
06/14/95	327.82	318.41	9.41	42,000	8,000	170	3,700	640	--
09/14/95	327.82	317.30	10.52	26,000	4,100	85	2,000	270	--
12/16/95	327.82	319.48	8.34	35,000	7,300	<0.5	2,900	420	<500
03/28/96	327.82	318.09	9.73	30,000	5,200	160	3,500	600	<250
06/28/96	327.82	318.37	9.45	26,000	4,300	60	2,100	200	680
09/26/96	327.82	317.95	9.87	15,000	2,700	59	1,300	140	400
12/30/96	327.82	318.82	9.00	34,000	4,600	120	2,800	660	310
03/13/97	327.82	318.33	9.49	13,000	1,900	34	1,300	220	76
06/30/97	327.82	318.19	9.63	11,000	1,800	19	84	94	160
10/01/97	327.82	318.08	9.74	27,000	4,700	120	3,700	330	310
12/31/97	327.82	318.34	9.48	34,000	8,000	130	3,400	3,900	<500
04/02/98	327.82	317.44	10.38	27,000	4,600	65	3,400	270	270
06/29/98	327.82	317.79	10.03	16,000	3,000	<50	1,800	220	290
09/16/98	327.82	318.84	8.98	9,700	2,700	52	1,400	210	<250
12/23/98	327.82	318.00	9.82	5,100	1,600	18	570	39	130
03/26/99 <sup>2</sup>	327.82	318.26	9.56	25,800	4,410	58.4	2,550	57.2	137
06/25/99	327.82	INACCESSIBLE	--	--	--	--	--	--	--
09/16/99	327.82	317.51	10.31	8,850	1,310	20.3	802	120	155
12/15/99	327.82	317.52	10.30	10,000	2,800	33	1,600	160	250
03/07/00	327.82	318.29	9.53	18,700	3,830	95.6	1,900	305	309
06/19/00 <sup>3</sup>	327.82	318.90	8.92	1,000 <sup>4</sup>	290	3.4	<1.0	14	52
09/18/00 <sup>3,6</sup>	327.82	318.18	9.64	924 <sup>5</sup>	205	<5.00	<5.00	<5.00	83.1
12/01/00 <sup>3</sup>	327.82	318.05	9.77	<50.0	0.878	<0.500	<0.500	<0.500	<5.00
03/13/01 <sup>3</sup>	327.82	318.67	9.15	333	55.0	0.803	21.8	1.44	2.07
06/01/01 <sup>3</sup>	327.82	317.71	10.11	130 <sup>4</sup>	36	<0.50	<0.50	<0.50	7.8/<2.0 <sup>7</sup>
09/07/01 <sup>8</sup>	327.82	318.43	9.39	2,600	330	<10	200	12	14
12/05/01	327.82	319.57	8.25	25,000	730	36	2,900	650	<25
03/26/02	327.82	319.44	8.38	25,000	1,500	31	2,100	400	<100

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-0917  
5280 Hopyard Road  
Pleasanton, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
<b>MW-5 (cont)</b>									
06/14/02	327.82	320.18	7.64	27,000	900	52	2,400	320	<50
09/20/02	327.82	320.45	7.37	26,000	450	50	2,400	1,100	<100
12/12/02	327.82	320.33	7.49	23,000	260	32	1,900	1,100	<50/<2 <sup>7</sup>
03/07/03	327.82	320.38	7.44	21,000	270	39	2,000	1,100	<25/<1 <sup>7</sup>
06/06/03 <sup>9</sup>	327.82	321.10	6.72	1,700	22	3	190	140	<0.5
09/05/03 <sup>9</sup>	327.82	318.90	8.92	20,000	170	23	1,200	1,100	<2
12/15/03 <sup>9</sup>	327.82	319.47	8.35	22,000	240	23	1,300	970	<1
03/15/04 <sup>9</sup>	<b>327.82</b>	<b>318.80</b>	<b>9.02</b>	<b>17,000</b>	<b>150</b>	<b>20</b>	<b>1,400</b>	<b>790</b>	<b>&lt;1</b>
<b>MW-6</b>									
09/16/91	328.48	317.87	10.61	6,200	1,300	3.9	550	78	--
01/22/92	328.48	318.18	10.30	18,000	2,800	48	2,000	440	--
03/26/92	328.48	318.98	9.50	21,000	3,300	17	2,100	300	--
06/05/92	328.48	318.14	10.34	14,000	2,800	9.2	1,800	270	--
09/23/92	328.48	317.92	10.56	19,000	1,000	40	1,200	230	--
12/30/92	328.48	318.71	9.75	15,000	1,100	<5.0	1,000	77	--
03/22/93	328.48	319.21	9.27	15,000	1,300	10	770	220	--
06/14/93	328.48	318.33	10.15	--	--	--	--	--	--
07/25/93	328.48	318.23	10.25	6,400	630	<2.5	440	6.0	--
09/23/93	328.48	318.31	10.17	9,500	1,000	23	690	110	--
12/28/93	328.48	317.96	10.52	11,000	890	31	730	48	--
03/21/94	328.48	318.20	10.28	5,700	380	10	270	22	--
06/07/94	328.48	318.20	10.28	5,300	600	4.4	370	26	--
10/07/94	328.48	318.06	10.42	2,600	270	<5.0	110	<5.0	--
12/29/94	328.48	318.23	10.25	4,500	560	6.2	360	<5.0	--
03/06/95	328.48	319.12	9.36	4,100	480	15	290	20	--
06/14/95	328.48	318.37	10.11	2,800	180	6.9	110	6.6	--
09/14/95	328.48	318.21	10.27	3,100	370	<0.5	250	<0.5	--
12/16/95	328.48	319.21	9.27	1,900	210	<0.5	76	<0.5	<13
03/28/96	328.48	319.13	9.35	1,000	120	<0.5	64	<0.5	<5.0
06/28/96	328.48	318.70	9.78	950	110	0.8	44	<0.5	22
09/26/96	328.48	319.02	9.46	1,100	120	1.6	48	<0.5	17



**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-0917  
5280 Hopyard Road  
Pleasanton, California

WELL ID/ DATE	TOC ( <i>µ</i> L)	GWE ( <i>m</i> sl)	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> )
<b>MW-6 (cont)</b>									
12/30/96	328.48	319.45	9.03	3,200	260	2.3	120	<0.5	23
03/13/97	328.48	318.76	9.72	2,000	250	<0.5	110	<0.5	<5.0
06/30/97	328.48	318.81	9.67	470	<0.5	1.2	<0.5	<0.5	<5.0
10/01/97	327.82	318.53	9.29	1,500	120	3.4	27	<0.5	20
12/31/97	327.82	317.61	10.21	1,500	79	<2.5	28	<2.5	<12
04/02/98	327.82	318.86	8.96	760	48	2.3	9.9	<1.0	15
06/29/98	327.82	318.45	9.37	340	29	<2.5	7.1	<2.5	18
09/16/98	327.82	318.60	9.22	340	18	1.4	5.6	<1.0	18
12/23/98	327.82	317.51	10.31	390	5.4	1.2	0.58	1.2	15
03/26/99 <sup>2</sup>	327.82	317.91	9.91	1,310	132	18.5	38.5	1.88	19.1
06/25/99	327.82	317.50	10.32	856	37.4	5.2	10.7	<0.5	<2.0/<5.0 <sup>1</sup>
09/16/99	327.82	317.28	10.54	<50	1.19	<0.5	<0.5	<0.5	<5.0
12/15/99	327.82	319.33	8.49	1,400	110	<5.0	35	<5.0	37
03/07/00	327.82	318.60	9.22	1,200	97.9	2.16	44.8	<1.25	26
06/19/00 <sup>3</sup>	327.82	318.42	9.40	160 <sup>1</sup>	1.4	0.73	5.4	2.4	7.9
09/18/00 <sup>3,6</sup>	327.82	317.74	10.08	234 <sup>5</sup>	<0.500	1.72	<0.500	<0.500	<5.00
12/01/00 <sup>3</sup>	327.82	317.56	10.26	79.5 <sup>5</sup>	1.74	<0.500	<0.500	<0.500	<5.00
03/13/01 <sup>3</sup>	327.82	318.53	9.29	180	<0.500	<0.500	<0.500	<0.500	<0.500
06/01/01 <sup>3</sup>	327.82	317.24	10.58	280 <sup>4</sup>	4.1	0.62	<0.50	<0.50	25/<2.0 <sup>7</sup>
09/07/01 <sup>8</sup>	327.83	317.92	9.91	1,200	70	<0.50	42	1.9	<2.5
12/05/01	327.83	319.02	8.81	1,600	45	<2.0	26	<1.5	<2.5
03/26/02	327.83	318.90	8.93	590	6.0	<0.50	<0.50	<1.5	<2.5
06/14/02	327.83	318.97	8.86	740	15	<0.50	<0.50	<1.5	<2.5
09/20/02	327.83	319.83	8.00	770	9.8	1.9	0.71	<1.5	<2.5
12/12/02	327.83	319.83	8.00	780	5.7	<0.50	<0.50	<1.5	<2.5/<2 <sup>7</sup>
03/07/03	327.83	320.05	7.78	1,100	130	<0.50	19	<1.5	<2.5/<0.5 <sup>7</sup>
06/06/03 <sup>9</sup>	327.83	320.79	7.04	61	<0.5	<0.5	<0.5	<0.5	<0.5
09/05/03 <sup>9</sup>	327.83	318.79	9.04	390	<0.5	<0.5	<0.5	<0.5	0.9
12/15/03 <sup>9</sup>	327.83	319.24	8.59	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/15/04 <sup>9</sup>	327.83	318.92	8.91	<50	<0.5	<0.5	<0.5	<0.5	<0.5

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
 Chevron Service Station #9-0917  
 5280 Hopyard Road  
 Pleasanton, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
<b>MW-7</b>									
06/17/97	326.37	318.32	8.05	ND	ND	ND	ND	ND	ND
09/30/97	326.37	318.78	7.59	<50	<0.5	<0.5	<0.5	<0.5	<5.0
12/31/97	326.37	318.49	7.88	<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/02/98	326.37	319.06	7.31	<50	2.6	<0.5	<0.5	<0.5	<2.5
06/29/98	326.37	318.39	7.98	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/16/98	326.37	318.55	7.82	<50	<0.5	<0.5	<0.5	<0.5	<2.5
12/23/98	326.37	318.37	8.00	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/26/99	326.37	318.43	7.94	<50	<0.5	<0.5	<0.5	<0.5	<2.0
06/25/99	326.37	318.65	7.72	<50	<0.5	<0.5	<0.5	<0.5	<2.0
09/16/99	326.37	317.61	8.76	<50	<0.5	<0.5	<0.5	<0.5	<5.0
12/15/99	326.37	318.42	7.95	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/07/00	326.37	319.38	6.99	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/19/00	326.37	318.64	7.73	<50	<0.50	<0.50	<0.50	<0.50	<2.5
09/18/00 <sup>6</sup>	326.37	318.21	8.16	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00
12/01/00	326.37	317.06	9.31	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00
03/13/01	326.37	318.65	7.72	<50.0	<0.500	<0.500	<0.500	<0.500	1.10
06/01/01	326.37	318.40	7.97	<50	<0.50	<0.50	<0.50	<0.50	<2.5/<2.0 <sup>7</sup>
09/07/01	326.37	318.61	7.76	<50	<0.50	<0.50	<0.50	<1.5	<2.5
12/05/01	326.37	318.99	7.38	<50	<0.50	<0.50	<0.50	<1.5	<2.5
03/26/02	326.37	318.96	7.41	<50	<0.50	<0.50	<0.50	<1.5	<2.5
06/14/02	326.37	318.85	7.52	<50	<0.50	<0.50	<0.50	<1.5	<2.5
09/20/02	326.37	319.65	6.72	<50	<0.50	<0.50	<0.50	<1.5	<2.5
12/12/02	326.37	319.18	7.19	<50	<0.50	<0.50	<0.50	<1.5	<2.5/<2 <sup>7</sup>
03/07/03	326.37	319.48	6.89	<50	<0.50	<0.50	<0.50	<1.5	<2.5/<0.5 <sup>7</sup>
06/06/03 <sup>9</sup>	326.37	319.62	6.75	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/05/03 <sup>9</sup>	326.37	318.75	7.62	<50	<0.5	<0.5	<0.5	<0.5	<0.5
12/15/03 <sup>9</sup>	326.37	319.16	7.21	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/15/04 <sup>9</sup>	326.37	318.48	7.89	<50	<0.5	<0.5	<0.5	<0.5	<0.5

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-0917  
5280 Hopyard Road  
Pleasanton, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
MW-8									
06/17/97	325.89	318.15	7.74	ND	ND	ND	ND	ND	ND
09/30/97	325.89	318.16	7.73	<50	<0.5	<0.5	<0.5	<0.5	<5.0
12/31/97	325.89	318.27	7.62	<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/02/98	325.89	318.48	7.41	<50	<0.5	1.3	0.67	3.5	<2.5
06/29/98	325.89	317.98	7.91	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/16/98	325.89	318.42	7.47	<50	<0.5	<0.5	<0.5	<0.5	<2.5
12/23/98	325.89	318.28	7.61	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/26/99	325.89	316.81	9.08	<50	<0.5	<0.5	<0.5	<0.5	5.01
06/25/99	325.89	315.94	9.95	<50	<0.5	<0.5	<0.5	<0.5	<2.0
09/16/99	325.89	316.00	9.89	<50	<0.5	<0.5	<0.5	<0.5	<5.0
12/15/99	325.89	317.14	8.75	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/07/00	325.89	317.11	8.78	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/19/00	325.89	318.34	7.55	<50	<0.50	<0.50	<0.50	<0.50	<2.5
09/18/00	325.89	317.64	8.25	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00
12/01/00	325.89	317.45	8.44	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00
03/13/01	325.89	318.32	7.57	<50.0	<0.500	<0.500	<0.500	<0.500	<0.500
06/01/01	325.89	317.97	7.92	<50	<0.50	<0.50	<0.50	<0.50	<2.5/<2.0 <sup>7</sup>
09/07/01	325.89	318.11	7.78	<50	<0.50	<0.50	<0.50	<1.5	<2.5
12/05/01	325.89	318.57	7.32	<50	<0.50	<0.50	<0.50	<1.5	<2.5
03/26/02	325.89	318.18	7.71	<50	<0.50	<0.50	<0.50	<1.5	<2.5
06/14/02	325.89	318.24	7.65	<50	<0.50	<0.50	<0.50	<1.5	<2.5
09/20/02	325.89	318.53	7.36	<50	<0.50	<0.50	<0.50	<1.5	<2.5
12/12/02	325.89	319.00	6.89	<50	<0.50	<0.50	<0.50	<1.5	<2.5/<2 <sup>7</sup>
03/07/03	325.89	318.94	6.95	<50	<0.50	<0.50	<0.50	<1.5	<2.5/<0.5 <sup>7</sup>
06/06/03 <sup>9</sup>	325.89	319.09	6.80	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/05/03 <sup>9</sup>	325.89	317.24	8.65	<50	<0.5	<0.5	<0.5	<0.5	<0.5
12/15/03 <sup>9</sup>	325.89	317.62	8.27	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/15/04 <sup>9</sup>	325.89	318.64	7.25	<50	<0.5	<0.5	<0.5	<0.5	<0.5

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Chevron Service Station #9-0917  
5280 Hopyard Road  
Pleasanton, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
<b>MW-9</b>									
06/20/97	325.73	317.88	7.85	ND	ND	ND	ND	ND	ND
10/01/97	325.73	318.10	7.63	<50	<0.5	<0.5	<0.5	<0.5	<5.0
12/31/97	325.73	318.53	7.20	<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/02/98	325.73	318.52	7.21	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/29/98	325.73	315.31	10.42	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/16/98	325.73	315.99	9.74	<50	<0.5	<0.5	<0.5	<0.5	<2.5
12/23/98	325.73	317.59	8.14	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/26/99	325.73	317.62	8.11	<50	<0.5	<0.5	<0.5	<0.5	<2.0
06/25/99	325.73	318.28	7.45	<50	<0.5	<0.5	<0.5	<0.5	<2.0
09/16/99	325.73	316.87	8.86	<50	<0.5	<0.5	<0.5	<0.5	<5.0
12/15/99	325.73	317.93	7.80	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/07/00	325.73	318.37	7.36	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/19/00	325.73	318.39	7.34	<50	<0.50	<0.50	<0.50	<0.50	<2.5
09/18/00	325.73	317.61	8.12	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00
12/01/00	325.73	317.46	8.27	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00
03/13/01	325.73	318.34	7.39	<50.0	<0.500	<0.500	<0.500	<0.500	<0.500
06/01/01	325.73	317.92	7.81	<50	<0.50	<0.50	<0.50	<0.50	<2.5/<2.0 <sup>7</sup>
09/07/01	325.73	317.55	8.18	<50	<0.50	<0.50	<0.50	<1.5	<2.5
12/05/01	325.73	318.58	7.15	<50	<0.50	<0.50	<0.50	<1.5	<2.5
03/26/02	325.73	318.47	7.26	<50	<0.50	<0.50	<0.50	<1.5	<2.5
06/14/02	325.73	318.62	7.11	<50	<0.50	<0.50	<0.50	<1.5	<2.5
09/20/02	325.73	318.74	6.99	<50	<0.50	<0.50	<0.50	<1.5	<2.5
12/12/02	325.73	318.92	6.81	<50	<0.50	<0.50	<0.50	<1.5	<2.5/<2 <sup>7</sup>
03/07/03	325.73	318.95	6.78	<50	<0.50	<0.50	<0.50	<1.5	<2.5/<0.5 <sup>7</sup>
06/06/03 <sup>9</sup>	325.73	319.09	6.64	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/05/03 <sup>9</sup>	325.73	318.30	7.43	<50	<0.5	<0.5	<0.5	<0.5	<0.5
12/15/03 <sup>9</sup>	325.73	318.65	7.08	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/15/04 <sup>9</sup>	325.73	318.43	7.30	<50	<0.5	<0.5	<0.5	<0.5	<0.5

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Chevron Service Station #9-0917  
5280 Hopyard Road  
Pleasanton, 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> )
<b>MW-1</b>									
07/12/89	326.48	--	--	100	<0.5	<0.5	6.0	<0.5	--
08/02/89	326.48	318.38	8.10	--	--	--	--	--	--
10/24/89	326.48	318.97	7.51	<50	1.0	<0.5	13	<0.5	--
03/12/90	326.48	318.07	8.41	140	0.8	<0.5	1.0	<0.5	--
03/26/90	326.48	318.34	8.14	--	--	--	--	--	--
06/22/90	326.48	318.17	8.31	<50	<0.5	<0.5	<0.5	<0.5	--
09/11/90	326.48	318.35	8.14	<50	<0.5	<0.5	<0.5	<0.5	--
04/18/91	326.48	318.34	8.02	77	<0.5	<0.5	<0.5	<0.5	--
ABANDONED									
<b>MW-2</b>									
07/17/89	327.53	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
08/02/89	327.53	318.48	9.05	--	--	--	--	--	--
10/24/89	327.53	318.29	9.24	<50	<0.5	<0.5	<0.5	<0.5	--
03/12/90	327.53	317.46	10.07	<50	<0.5	<0.5	<0.5	<0.5	--
03/26/90	327.53	317.48	10.05	--	--	--	--	--	--
06/22/90	327.53	317.48	10.05	<50	<0.5	<0.5	<0.5	<0.5	--
09/11/90	327.53	317.85	9.68	<50	<0.5	<0.5	<0.5	<0.5	--
04/18/91	327.53	318.30	9.23	<50	<0.5	<0.5	<0.5	<0.5	--
ABANDONED									
<b>MW-3</b>									
07/17/89	326.47	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
08/02/89	326.47	318.32	8.15	--	--	--	--	--	--
10/24/89	326.47	318.88	7.59	<50	<0.5	<0.5	<0.5	<0.5	--
03/12/90	326.47	318.00	8.47	<50	<0.5	<0.5	<0.5	<0.5	--
03/26/90	326.47	317.64	8.83	--	--	--	--	--	--
06/22/90	326.47	317.64	8.83	<50	0.4	<0.5	0.8	<0.5	--
09/11/90	326.47	318.06	8.41	<50	<0.5	<0.5	<0.5	<0.5	--
04/18/91	326.47	318.49	7.98	<50	<0.5	<0.5	<0.5	<0.5	--
ABANDONED									

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5280 Hopyard Road  
Pleasanton, California

WELL ID/ DATE	TOC (fl.)	GWE (mst)	DTW (fl.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
<b>BAILER BLANK</b>									
03/22/93	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/25/93	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/23/93	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/28/93	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/21/94	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
<b>TRIP BLANK</b>									
06/22/90	--	--	--	<50	<0.3	<0.3	<0.3	<0.6	--
09/16/91	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/22/92	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/26/92	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/05/92	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/23/92	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/30/92	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/22/93	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/25/93	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/23/93	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/28/93	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/21/94	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/07/94	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/07/94	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/29/94	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/06/95	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/14/95	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/14/95	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/16/95	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/28/96	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
06/28/96	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
09/26/96	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
12/30/96	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
03/13/97	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
06/30/97	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0

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Pleasanton, 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> )
<b>TRIP BLANK (cont)</b>									
10/01/97	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
12/31/97	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/02/98	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/29/98	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/16/98	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
12/23/98	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0
03/26/99	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
09/16/99	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
12/15/99	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/07/00	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
06/19/00	--	--	--	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00
09/18/00	--	--	--	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00
12/01/00	--	--	--	<50.0	<0.500	1.61	<0.500	0.593	<0.500
03/13/01	--	--	--	<50.0	<0.50	<0.50	<0.50	<0.50	<2.5
06/01/01	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
09/07/01	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
<b>QA</b>									
12/05/01	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
03/26/02	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
06/14/02	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
09/20/02	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
12/12/02	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
03/07/03	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
06/06/03 <sup>9</sup>	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/05/03 <sup>9</sup>	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
12/15/03 <sup>9</sup>	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/15/04 <sup>9</sup>	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-0917  
5280 Hopyard Road  
Pleasanton, California

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**EXPLANATIONS:**

Groundwater monitoring data and laboratory analytical results prior to June 19, 2000, were compiled by reports prepared by Blaine Tech Services, Inc.

TOC = Top of Casing

(ft.) = Feet

GWE = Groundwater Elevation

(msl) = Mean sea level

DTW = Depth to Water

TPH-G = Total Petroleum Hydrocarbons as Gasoline

B = Benzene

T = Toluene

E = Ethylbenzene

X = Xylenes

MTBE = Methyl tertiary butyl ether.

(ppb) = Parts per billion

-- = Not Measured/Not Analyzed

QA = Quality Assurance/Trip Blank

<sup>1</sup> Confirmation run.

<sup>2</sup> ORC installed.

<sup>3</sup> ORC present in well.

<sup>4</sup> Laboratory report indicates gasoline C6-C12.

<sup>5</sup> Laboratory report indicates unidentified hydrocarbons C6-C12.

<sup>6</sup> Laboratory report indicates insufficient preservative to reduce sample pH to less than 2. Sample was analyzed within 14 days, but beyond the seventh day recommended for Benzene, Toluene, Xylenes, and Ethylbenzene.

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

<sup>8</sup> Removed ORC from well.

<sup>9</sup> BTEX and MTBE by EPA Method 8260.



**Table 2**  
**Groundwater Analytical Results - Oxygenate Compounds**  
 Chevron Service Station #9-0917  
 5280 Hopyard Road  
 Pleasanton, California

WELL ID	DATE	ETHANOL (ppb)	TBA (ppb)	MTBE (ppb)	DIPE (ppb)	ETBE (ppb)	TAME (ppb)	1,2-DCA (ppb)	EDB (ppb)
MW-4	06/01/01	--	<20	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
	12/12/02	--	<100	42	<2	<2	<2	<2	<2
	03/07/03	--	<5	430	<0.5	<0.5	3	<0.5	<0.5
	06/06/03	--	--	3	--	--	--	--	--
	09/05/03	<50	--	11	--	--	--	--	--
	12/15/03	<50	--	5	--	--	--	--	--
	03/15/04	<50	<5	<0.5	<0.5	<0.5	<0.5	--	--
MW-5	06/01/01	--	<20	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
	12/12/02	--	<100	<2	<2	<2	<2	<2	<2
	03/07/03	--	<10	<1	<1	<1	<1	<1	<1
	06/06/03	--	--	<0.5	--	--	--	--	--
	09/05/03	<200	--	<2	--	--	--	--	--
	12/15/03	<130	--	<1	--	--	--	--	--
	03/15/04	<130	<13	<1	<1	<1	<1	--	--
MW-6	06/01/01	--	<20	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
	12/12/02	--	<100	<2	<2	<2	<2	4	<2
	03/07/03	--	<5	<0.5	<0.5	<0.5	<0.5	1	<0.5
	06/06/03	--	--	<0.5	--	--	--	--	--
	09/05/03	<50	--	0.9	--	--	--	--	--
	12/15/03	<50	--	<0.5	--	--	--	--	--
	03/15/04	<50	<5	<0.5	<0.5	<0.5	<0.5	--	--
MW-7	06/01/01	--	<20	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
	12/12/02	--	<100	<2	<2	<2	<2	<2	<2
	03/07/03	--	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	06/06/03	--	--	<0.5	--	--	--	--	--
	09/05/03	<50	--	<0.5	--	--	--	--	--
	12/15/03	<50	--	<0.5	--	--	--	--	--
	03/15/04	<50	<5	<0.5	<0.5	<0.5	<0.5	--	--

**Table 2**  
**Groundwater Analytical Results - Oxygenate Compounds**  
Chevron Service Station #9-0917  
5280 Hopyard Road  
Pleasanton, California

WELL ID	DATE	ETHANOL (ppb)	TBA (ppb)	MTBE (ppb)	DIPE (ppb)	ETBE (ppb)	TAME (ppb)	1,2-DCA (ppb)	EDB (ppb)
MW-8	06/01/01	--	<20	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
	12/12/02	--	<100	<2	<2	<2	<2	<2	<2
	03/07/03	--	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	06/06/03	--	--	<0.5	--	--	--	--	--
	09/05/03	<50	--	<0.5	--	--	--	--	--
	12/15/03	<50	--	<0.5	--	--	--	--	--
	03/15/04	<50	<5	<0.5	<0.5	<0.5	<0.5	--	--
MW-9	06/01/01	--	<20	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
	12/12/02	--	<100	<2	<2	<2	<2	<2	<2
	03/07/03	--	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	06/06/03	--	--	<0.5	--	--	--	--	--
	09/05/03	<50	--	<0.5	--	--	--	--	--
	12/15/03	<50	--	<0.5	--	--	--	--	--
	03/15/04	<50	<5	<0.5	<0.5	<0.5	<0.5	--	--

**Table 2**  
**Groundwater Analytical Results - Oxygenate Compounds**  
Chevron Service Station #9-0917  
5280 Hopyard Road  
Pleasanton, California

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**EXPLANATIONS:**

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

**ANALYTICAL METHOD:**

EPA Method 8260 for Oxygenate Compounds

**Table 3**  
**Dissolved Oxygen Concentrations**  
Chevron Service Station #9-0917  
5280 Hopyard Road  
Pleasanton, California

<b>WELL ID</b>	<b>DATE</b>	<b>Before Purging (mg/L)</b>	<b>After Purging (mg/L)</b>
<b>MW-4</b>	09/07/01	1.96	--
	12/05/01	1.96	--
	03/26/02	2.10	--
	06/14/02	3.10	--
	09/20/02	2.30	--
	12/12/02	2.10	--
	03/07/03	0.40	--
	06/06/03	2.10	--
	09/05/03	2.00	--
	12/15/03	2.46	--
	03/15/04	1.20	--
	<b>MW-5</b>	06/19/00	9.65
09/18/00		3.59	--
12/01/00		3.76	--
03/13/01		3.59	--
06/01/01		3.36	--
09/07/01		4.02	--
12/05/01		1.04	--
03/26/02		1.00	--
06/14/02		0.90	--
09/20/02		1.00	--
12/12/02		1.10	--
03/07/03		0.10	--
06/06/03		0.80	--
09/05/03		1.00	--
12/15/03		1.78	--
03/15/04	1.60	--	
<b>MW-6</b>	06/19/00	5.88	--
	09/18/00	4.81	--
	12/01/00	4.27	--
	03/13/01	4.12	--
	06/01/01	3.84	--
	09/07/01	4.26	--
	12/05/01	1.26	--
	03/26/02	1.30	--
	06/14/02	1.40	--
	09/20/02	1.30	--
	12/12/02	1.40	--
	03/07/03	0.90	--
	06/06/03	1.20	--
	09/05/03	1.30	--
	12/15/03	1.91	--
03/15/04	1.40	--	

**Table 3**  
**Dissolved Oxygen Concentrations**  
Chevron Service Station #9-0917  
5280 Hopyard Road  
Pleasanton, California

<b>WELL ID</b>	<b>DATE</b>	<b>Before Purging (mg/L)</b>	<b>After Purging (mg/L)</b>
MW-7	09/07/01	2.04	--
	12/05/01	1.84	--
	03/26/02	2.00	--
	06/14/02	2.00	--
	09/20/02	2.10	--
	12/12/02	2.00	--
	03/07/03	0.10	--
	06/06/03	1.50	--
	09/05/03	1.80	--
	12/15/03	3.02	--
	<b>03/15/04</b>	<b>1.70</b>	--
MW-8	09/07/01	2.17	--
	12/05/01	2.10	--
	03/26/02	2.10	--
	06/14/02	2.00	--
	09/20/02	2.10	--
	12/12/02	2.20	--
	03/07/03	0.60	--
	06/06/03	1.70	--
	09/05/03	2.00	--
	12/15/03	2.93	--
	<b>03/15/04</b>	<b>1.30</b>	--
MW-9	09/07/01	1.72	--
	12/05/01	2.21	--
	03/26/02	2.20	--
	06/14/02	1.90	--
	09/20/02	2.00	--
	12/12/02	2.10	--
	03/07/03	0.60	--
	06/06/03	1.80	--
	09/05/03	1.90	--
	12/15/03	3.15	--
	<b>03/15/04</b>	<b>1.80</b>	--

**EXPLANATIONS:**

(mg/L) = Milligrams per liter

-- = Not Measured

## 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 #9-0917 Job Number: 385242  
 Site Address: 5280 Hopyard Road Event Date: 3-15-04 (inclusive)  
 City: Pleasanton, CA Sampler: Joe

Well ID: MW-4 Date Monitored: 3-15-04 Well Condition: O.K.

Well Diameter: 2 in.

Total Depth: 24.74 ft.

Depth to Water: 7.92 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

16.82 xVF 0.17 = 286 x3 (case volume) = Estimated Purge Volume: 9 gal.

### Purge Equipment:

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

### Sampling Equipment:

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

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

Start Time (purge): 0816 Weather Conditions: Hot  
 Sample Time/Date: 0848 3-15-04 Water Color: clear Odor: none  
 Purging Flow Rate: 1 gpm. Sediment Description: \_\_\_\_\_  
 Did well de-water? \_\_\_\_\_ If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm) <sup>x100</sup>	Temperature (C/F)	D.O. (mg/L)	ORP (mV)
<u>0833</u>	<u>3</u>	<u>7.47</u>	<u>8.35</u>	<u>69.6</u>	<u>1.20</u>	_____
<u>0836</u>	<u>6</u>	<u>7.40</u>	<u>8.47</u>	<u>70.4</u>	_____	_____
<u>0839</u>	<u>9</u>	<u>7.43</u>	<u>8.42</u>	<u>71.0</u>	_____	_____
_____	_____	_____	_____	_____	_____	_____

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-4</u>	<u>6</u> x vva vial	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-G(8015)/BTEX+MTBE(8260)/ 5 OXYS+ETHANOL(8260)</u>
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

### COMMENTS:

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

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



# GETTLER-RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-0917 Job Number: 385242  
 Site Address: 5280 Hopyard Road Event Date: 3-15-04 (inclusive)  
 City: Pleasanton, CA Sampler: Joc

Well ID: MW-5 Date Monitored: 3-15-04 Well Condition: OK  
 Well Diameter: 2 in.  
 Total Depth: 23.90 ft.  
 Depth to Water: 9.02 ft.  
 Volume Factor (VF) table:  

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

 14.88 xVF 0.17 = 2.53 x3 (case volume) = Estimated Purge Volume: 8 gal.

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

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

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

Start Time (purge): 0928 Weather Conditions: Hot  
 Sample Time/Date: 0950 13-15-04 Water Color: Clear Odor: yes  
 Purging Flow Rate: 1 gpm. Sediment Description: \_\_\_\_\_  
 Did well de-water? \_\_\_\_\_ If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm) <sup>x1000</sup>	Temperature (C/E)	D.O. (mg/L)	ORP (mV)
<u>0935</u>	<u>3</u>	<u>6.72</u>	<u>1.38</u>	<u>72.0</u>	<u>1.60</u>	
<u>0937</u>	<u>5.5</u>	<u>6.76</u>	<u>2.44</u>	<u>71.6</u>		
<u>0940</u>	<u>8</u>	<u>6.71</u>	<u>1.96</u>	<u>71.5</u>		

### LABORATORY INFORMATION

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

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

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





# GETTLER-RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-0917 Job Number: 385242  
 Site Address: 5280 Hopyard Road Event Date: 3-15-04 (inclusive)  
 City: Pleasanton, CA Sampler: Soe

Well ID: MW-6 Date Monitored: 3-15-04 Well Condition: OK  
 Well Diameter: 2 in.  
 Total Depth: 25.21 ft.  
 Depth to Water: 8.91 ft.  
 Volume Factor (VF):  $16.30 \times VF \ 0.17 = 2.77 \times 3 \text{ (case volume)} = \text{Estimated Purge Volume: } 8.5 \text{ gal.}$

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

### Purge Equipment:

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

### Sampling Equipment:

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

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

Start Time (purge): 0855 Weather Conditions: Hot  
 Sample Time/Date: 0920 13-15-04 Water Color: clear Odor: gas  
 Purging Flow Rate: 1 gpm. Sediment Description: \_\_\_\_\_  
 Did well de-water? \_\_\_\_\_ If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm) <sup>x1000</sup>	Temperature (C/F)	D.O. (mg/L)	ORP (mV)
<u>0904</u>	<u>3</u>	<u>7.96</u>	<u>2.1</u>	<u>69.3</u>	<u>1.40</u>	
<u>0907</u>	<u>5</u>	<u>7.37</u>	<u>1.85</u>	<u>69.5</u>		
<u>0910</u>	<u>8.5</u>	<u>7.42</u>	<u>1.81</u>	<u>70.3</u>		

### LABORATORY INFORMATION

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

### COMMENTS:

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



# GETTLER - RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-0917  
 Site Address: 5280 Hopyard Road  
 City: Pleasanton, CA

Job Number: 385242  
 Event Date: 3-15-04 (inclusive)  
 Sampler: Joe

Well ID: MW-7 Date Monitored: 3-15-04 Well Condition: OK

Well Diameter: 2 in.  
 Total Depth: 20.04 ft.  
 Depth to Water: 7.89 ft.  
12.15 xVF 0.17 = 2.07 x3 (case volume) = Estimated Purge Volume: 6 gal.

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

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

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

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

Start Time (purge): 0630 Weather Conditions: Hot  
 Sample Time/Date: 0658 3-15-04 Water Color: clear Odor: none  
 Purging Flow Rate: 0.5 gpm. Sediment Description: \_\_\_\_\_  
 Did well de-water? \_\_\_\_\_ If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm) <sup>x1000</sup>	Temperature (C/F)	D.O. (mg/L)	ORP (mV)
<u>0638</u>	<u>2</u>	<u>7.07</u>	<u>1.57</u>	<u>69.7</u>	<u>1.70</u>	
<u>0642</u>	<u>4</u>	<u>7.10</u>	<u>1.66</u>	<u>65.1</u>		
<u>0646</u>	<u>6</u>	<u>7.43</u>	<u>1.67</u>	<u>65.2</u>		

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-7</u>	<u>6</u> x vva vial	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-G(8015)/BTEX+MTBE(8260)/ 5 OXYS+ETHANOL(8260)</u>

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

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

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



# GETTLER-RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-0917  
 Site Address: 5280 Hopyard Road  
 City: Pleasanton, CA

Job Number: 385242  
 Event Date: 3-15-04 (inclusive)  
 Sampler: Joe

Well ID: MW-8 Date Monitored: 3.15.04 Well Condition: o.k

Well Diameter: 2 in.  
 Total Depth: 20.35 ft.  
 Depth to Water: 7.25 ft.  
13.10

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

$13.10 \times VF 0.17 = 2.23 \times 3$  (case volume) = Estimated Purge Volume: 6.5 gal.

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

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

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

Start Time (purge): 0710 Weather Conditions: Hot  
 Sample Time/Date: 0735 13-15-04 Water Color: clear Odor: none  
 Purging Flow Rate: 0.5 gpm. Sediment Description: \_\_\_\_\_  
 Did well de-water? \_\_\_\_\_ If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (u mhos/cm) $\times 10^5$	Temperature (°C)	D.O. (mg/L)	ORP (mV)
<u>0716</u>	<u>2.5</u>	<u>7.47</u>	<u>2.90</u>	<u>64.2</u>	<u>1.30</u>	
<u>0720</u>	<u>5</u>	<u>7.56</u>	<u>3.05</u>	<u>65.3</u>		
<u>0725</u>	<u>6.5</u>	<u>7.61</u>	<u>3.12</u>	<u>64.9</u>		

### LABORATORY INFORMATION

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

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

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



# GETTLER-RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-0917 Job Number: 385242  
 Site Address: 5280 Hopyard Road Event Date: 3-15-04 (inclusive)  
 City: Pleasanton, CA Sampler: Soe

Well ID: MW-9 Date Monitored: 3-15-04 Well Condition: OK  
 Well Diameter: 2 in.  
 Total Depth: 19.96 ft.  
 Depth to Water: 2.30 ft.  
12.66 xVF 0.17 = 2.15 x3 (case volume) = Estimated Purge Volume: 6.5 gal.

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

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

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

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

Start Time (purge): 0746 Weather Conditions: Hot  
 Sample Time/Date: 0805 13-15-04 Water Color: clear Odor: none  
 Purging Flow Rate: 0.5 gpm. Sediment Description: \_\_\_\_\_  
 Did well de-water? \_\_\_\_\_ If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (u mhos/cm) <sup>x1000</sup>	Temperature (C/F)	D.O. (mg/L)	ORP (mV)
<u>0750</u>	<u>2</u>	<u>7.37</u>	<u>2.14</u>	<u>64.4</u>	<u>1.80</u>	
<u>0755</u>	<u>4</u>	<u>7.40</u>	<u>2.31</u>	<u>63.9</u>		
<u>0759</u>	<u>6.5</u>	<u>7.37</u>	<u>2.38</u>	<u>64.6</u>		

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-9</u>	<u>6 x vov vial</u>	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-G(8015)/BTEX+MTBE(8260) 5 OXYS+ETHANOL(8260)</u>

### COMMENTS:

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

# Chevron California Region Analysis Request/Chain of Custody



031704-05

Acct. #: 10904 For Lancaster Laboratories use only  
 Sample #: 4234724-30 SCR#: 888748

Facility #: SS#9-0917 G-R#385242 Global ID#T0600T00345  
 Site Address: 5280 HOPYARD ROAD, PLEASANTON, CA  
 Chevron PM: KS Lead Consultant: CAMBRIAKW  
G-R, Inc., 6747 Sierra Court, Suite J, Dublin, Ca. 94568  
 Consultant/Office: Deanna L. Harding (deanna@gnnc.com)  
 Consultant Prj. Mgr.: \_\_\_\_\_  
 Consultant Phone #: 925-551-7555 Fax #: 925-551-7899  
 Sampler: JOE ASEMIAN  
 Service Order #: \_\_\_\_\_  Non SAR:

Matrix  
 Potable  
 NPDES  
 Water  
 Oil  
 Air  
 Composite

### Analyses Requested

Preservation Codes		Preservative Codes	
N	H	H	
<input type="checkbox"/> BTEX + MTBE 8260	<input checked="" type="checkbox"/> 8021		
<input type="checkbox"/> TPH 8015 MOD GRO			
<input type="checkbox"/> TPH 8015 MOD DRO	<input type="checkbox"/> Silica Gel Cleanup		
<input type="checkbox"/> 8260 full scan			
<input checked="" type="checkbox"/> 5 Oxygenates 8260			
<input type="checkbox"/> Lead 7420	<input type="checkbox"/> 7421		
	<u>Ethanol (8260)</u>		

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

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

Sample Identification	Date Collected	Time Collected	Grab	Composite	Soil	Water	Oil	Air	Total Number of Containers
QA	—	—	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>			
MW-4	3-15-04	0848							
MW-5		0950							
MW-6		0920							
MW-7		0658							
MW-8		0735							
MW-9	✓	0805	✓						

Comments / Remarks

**Turnaround Time Requested (TAT) (please circle)**

STD, TAT	72 hour	48 hour
24 hour	4 day	5 day

Relinquished by: [Signature] Date: 3-15-04 Time: 1205 Received by: [Signature] Date: 3/17/04 Time: 130

**Data Package Options (please circle if required)**

QC Summary      Type I — Full  
 Type VI (Raw Data)       Cost Deliverable not needed  
 WIP (RWQCB)  
 Disk

Relinquished by: [Signature] Date: 3/17/04 Time: 1130 Received by: [Signature] Date: 3/17/04 Time: 1105

Relinquished by: [Signature] Date: 3/17/04 Time: 1400 Received by: FedEx Date: 3/17/04 Time: \_\_\_\_\_

Relinquished by Commercial Carrier: [Signature] Date: 3/17/04 Time: \_\_\_\_\_ Received by: [Signature] Date: 3/17/04 Time: 0930

UPS:  FedEx      Other: \_\_\_\_\_  
 Temperature Upon Receipt: 1.5 °C      Custody Seals Intact?  Yes     No

## ANALYTICAL RESULTS

Prepared for:

ChevronTexaco  
6001 Bollinger Canyon Rd L4310  
San Ramon CA 94583

925-842-8582

Prepared by:

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

## SAMPLE GROUP

The sample group for this submittal is 888748. Samples arrived at the laboratory on Thursday, March 18, 2004. The PO# for this group is 99011184 and the release number is STREICH.

<u>Client Description</u>			<u>Lancaster Labs Number</u>
QA-T-040315	NA	Water	4236724
MW-4-W-040315	Grab	Water	4236725
MW-5-W-040315	Grab	Water	4236726
MW-6-W-040315	Grab	Water	4236727
MW-7-W-040315	Grab	Water	4236728
MW-8-W-040315	Grab	Water	4236729
MW-9-W-040315	Grab	Water	4236730

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

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

Respectfully Submitted,



Victoria M. Martell  
Chemist

Lancaster Laboratories Sample No. WW 4236724

 QA-T-040315 NA Water  
 Facility# 90917 Job# 385242 GRD  
 5280 Hopyard Rd Pleasanto T0600100345 QA  
 Collected: 03/15/2004

Account Number: 10904

 Submitted: 03/18/2004 09:30  
 Reported: 03/30/2004 at 14:55  
 Discard: 04/30/2004

 ChevronTexaco  
 6001 Bollinger Canyon Rd L4310  
 San Ramon CA 94583

345TB

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

State of California Lab Certification No. 2116

### Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis		Analyst	Dilution Factor
				Date	Time		
01728	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	03/19/2004	22:42	Todd T Smythe	1
06054	BTEX+MTBE by 8260B	SW-846 8260B	1	03/25/2004	14:12	Carrie J McCullough	1
01146	GC VOA Water Prep	SW-846 5030B	1	03/19/2004	22:42	Todd T Smythe	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	03/25/2004	14:12	Carrie J McCullough	n.a.



Lancaster Laboratories Sample No. **WW 4236725**
**MW-4-W-040315**                      **Grab**                      **Water**  
**Facility# 90917**    **Job# 385242**                      **GRD**  
**5280 Hopyard Rd Pleasanton T0600100345**    **MW-4**  
**Collected: 03/15/2004 08:48**                      **by JA**

Account Number: 10904

 Submitted: 03/18/2004 09:30  
 Reported: 03/30/2004 at 14:55  
 Discard: 04/30/2004

 ChevronTexaco  
 6001 Bollinger Canyon Rd L4310  
 San Ramon CA 94583

345-4

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Units	Dilution Factor
				Method	Detection Limit		
01728	TPH-GRO - Waters The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.	n.a.	N.D.		50.	ug/l	1
06059	BTEX+5 Oxygenates+ETOH						
01587	Ethanol	64-17-5	N.D.		50.	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.		0.5	ug/l	1
02011	di-Isopropyl ether	108-20-3	N.D.		0.5	ug/l	1
02013	Ethyl t-butyl ether	637-92-3	N.D.		0.5	ug/l	1
02014	t-Amyl methyl ether	994-05-8	N.D.		0.5	ug/l	1
02015	t-Butyl alcohol	75-65-0	N.D.		5.	ug/l	1
05401	Benzene	71-43-2	N.D.		0.5	ug/l	1
05407	Toluene	108-88-3	N.D.		0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.		0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.		0.5	ug/l	1

State of California Lab Certification No. 2116

### Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis		Analyst	Dilution Factor
				Date	Time		
01728	TPH-GRO - Waters	N. CA LUFT Gasoline	1	03/19/2004	23:15	Todd T Smythe	1
06059	BTEX+5 Oxygenates+ETOH	Method SW-846 8260B	1	03/23/2004	04:03	Elizabeth M Taylor	1
01146	GC VOA Water Prep	SW-846 5030B	1	03/19/2004	23:15	Todd T Smythe	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	03/23/2004	04:03	Elizabeth M Taylor	n.a.

Lancaster Laboratories Sample No. **WW 4236726**

 MW-5-W-040315                      **Grab              Water**  
 Facility# 90917    Job# 385242                      **GRD**  
 5280 Hopyard Rd Pleasanto T0600100345    **MW-5**  
 Collected: 03/15/2004 09:50              by JA

Account Number: 10904

 Submitted: 03/18/2004 09:30  
 Reported: 03/30/2004 at 14:55  
 Discard: 04/30/2004

 ChevronTexaco  
 6001 Bollinger Canyon Rd L4310  
 San Ramon CA 94583

345-5

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	17,000.	2,500.	ug/l	50
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.						
06059	BTEX+5 Oxygenates+ETOH					
01587	Ethanol	64-17-5	N.D.	130.	ug/l	2.5
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	1.	ug/l	2.5
02011	di-Isopropyl ether	108-20-3	N.D.	1.	ug/l	2.5
02013	Ethyl t-butyl ether	637-92-3	N.D.	1.	ug/l	2.5
02014	t-Amyl methyl ether	994-05-8	N.D.	1.	ug/l	2.5
02015	t-Butyl alcohol	75-65-0	N.D.	13.	ug/l	2.5
05401	Benzene	71-43-2	150.	1.	ug/l	2.5
05407	Toluene	108-88-3	20.	1.	ug/l	2.5
05415	Ethylbenzene	100-41-4	1,400.	13.	ug/l	25
06310	Xylene (Total)	1330-20-7	790.	1.	ug/l	2.5
The reporting limits for the GC/MS volatile compounds were raised because sample dilution was necessary to bring target compounds into the calibration range of the system.						

State of California Lab Certification No. 2116

### Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01728	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	03/19/2004 23:48	Todd T Smythe	50
06059	BTEX+5 Oxygenates+ETOH	SW-846 8260B	1	03/23/2004 04:29	Elizabeth M Taylor	2.5
06059	BTEX+5 Oxygenates+ETOH	SW-846 8260B	1	03/23/2004 04:56	Elizabeth M Taylor	25
01146	GC VOA Water Prep	SW-846 5030B	1	03/19/2004 23:48	Todd T Smythe	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	03/23/2004 04:29	Elizabeth M Taylor	n.a.



# Analysis Report

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

Page 1 of 1

Lancaster Laboratories Sample No. **WW 4236727**

MW-6-W-040315                      Grab                      Water  
 Facility# 90917    Job# 385242                      GRD  
 5280 Hopyard Rd Pleasanto T0600100345    MW-6  
 Collected: 03/15/2004 09:20                      by JA

Account Number: 10904

Submitted: 03/18/2004 09:30  
 Reported: 03/30/2004 at 14:55  
 Discard: 04/30/2004

ChevronTexaco  
 6001 Bollinger Canyon Rd L4310  
 San Ramon CA 94583

345-6

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.						
06059	BTEX+5 Oxygenates+ETOH					
01587	Ethanol	64-17-5	N.D.	50.	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
02011	di-Isopropyl ether	108-20-3	N.D.	0.5	ug/l	1
02013	Ethyl t-butyl ether	637-92-3	N.D.	0.5	ug/l	1
02014	t-Amyl methyl ether	994-05-8	N.D.	0.5	ug/l	1
02015	t-Butyl alcohol	75-65-0	N.D.	5.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
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	03/20/2004 00:21	Todd T Smythe	1
06059	BTEX+5 Oxygenates+ETOH	SW-846 8260B	1	03/23/2004 05:22	Elizabeth M Taylor	1
01146	GC VOA Water Prep	SW-846 5030B	1	03/20/2004 00:21	Todd T Smythe	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	03/23/2004 05:22	Elizabeth M Taylor	n.a.

Lancaster Laboratories Sample No. WW 4236728

 MW-7-W-040315 Grab Water GRD  
 Facility# 90917 Job# 385242  
 5280 Hopyard Rd Pleasanto T0600100345 MW-7  
 Collected: 03/15/2004 06:58 by JA

Account Number: 10904

 Submitted: 03/18/2004 09:30  
 Reported: 03/30/2004 at 14:55  
 Discard: 04/30/2004

 ChevronTexaco  
 6001 Bollinger Canyon Rd L4310  
 San Ramon CA 94583

345-7

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.					
06059	BTEX+5 Oxygenates+ETOH					
01587	Ethanol	64-17-5	N.D.	50.	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
02011	di-Isopropyl ether	108-20-3	N.D.	0.5	ug/l	1
02013	Ethyl t-butyl ether	637-92-3	N.D.	0.5	ug/l	1
02014	t-Amyl methyl ether	994-05-8	N.D.	0.5	ug/l	1
02015	t-Butyl alcohol	75-65-0	N.D.	5.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
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	03/20/2004 00:54	Todd T Smythe	1
06059	BTEX+5 Oxygenates+ETOH	SW-846 8260B	1	03/23/2004 05:49	Elizabeth M Taylor	1
01146	GC VOA Water Prep	SW-846 5030B	1	03/20/2004 00:54	Todd T Smythe	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	03/23/2004 05:49	Elizabeth M Taylor	n.a.

Lancaster Laboratories Sample No. **WW 4236729**

 MW-8-W-040315                      **Grab              Water**  
 Facility# 90917    Job# 385242                      **GRD**  
 5280 Hopyard Rd Pleasanto T0600100345    **MW-8**  
 Collected: 03/15/2004 07:35                      by JA

Account Number: 10904

 Submitted: 03/18/2004 09:30  
 Reported: 03/30/2004 at 14:55  
 Discard: 04/30/2004

 ChevronTexaco  
 6001 Bollinger Canyon Rd L4310  
 San Ramon CA 94583

345-8

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Units	Dilution Factor
				Method	Detection Limit		
01728	TPH-GRO - Waters	n.a.	N.D.	50.		ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.						
06059	BTEX+5 Oxygenates+ETOH						
01587	Ethanol	64-17-5	N.D.	50.		ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5		ug/l	1
02011	di-Isopropyl ether	108-20-3	N.D.	0.5		ug/l	1
02013	Ethyl t-butyl ether	637-92-3	N.D.	0.5		ug/l	1
02014	t-Amyl methyl ether	994-05-8	N.D.	0.5		ug/l	1
02015	t-Butyl alcohol	75-65-0	N.D.	5.		ug/l	1
05401	Benzene	71-43-2	N.D.	0.5		ug/l	1
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	03/20/2004 01:27	Todd T Smythe	1
06059	BTEX+5 Oxygenates+ETOH	SW-846 8260B	1	03/23/2004 06:15	Elizabeth M Taylor	1
01146	GC VOA Water Prep	SW-846 5030B	1	03/20/2004 01:27	Todd T Smythe	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	03/23/2004 06:15	Elizabeth M Taylor	n.a.

Lancaster Laboratories Sample No. WW 4236730

 MW-9-W-040315 Grab Water  
 Facility# 90917 Job# 385242 GRD  
 5280 Hopyard Rd Pleasanto T0600100345 MW-9  
 Collected: 03/15/2004 08:05 by JA

Account Number: 10904

 Submitted: 03/18/2004 09:30  
 Reported: 03/30/2004 at 14:55  
 Discard: 04/30/2004

 ChevronTexaco  
 6001 Bollinger Canyon Rd L4310  
 San Ramon CA 94583

345-9

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Units	Dilution Factor
				Method	Detection Limit		
01728	TPH-GRO - Waters	n.a.	N.D.	50.	ug/l	1	
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.						
06059	BTEX+5 Oxygenates+ETOH						
01587	Ethanol	64-17-5	N.D.	50.	ug/l	1	
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1	
02011	di-Isopropyl ether	108-20-3	N.D.	0.5	ug/l	1	
02013	Ethyl t-butyl ether	637-92-3	N.D.	0.5	ug/l	1	
02014	t-Amyl methyl ether	994-05-8	N.D.	0.5	ug/l	1	
02015	t-Butyl alcohol	75-65-0	N.D.	5.	ug/l	1	
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1	
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	1	03/20/2004 02:00	Todd T Smythe	1
06059	BTEX+5 Oxygenates+ETOH	SW-846 8260B	1	03/23/2004 06:42	Elizabeth M Taylor	1
01146	GC VOA Water Prep	SW-846 5030B	1	03/20/2004 02:00	Todd T Smythe	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	03/23/2004 06:42	Elizabeth M Taylor	n.a.

## Quality Control Summary

 Client Name: ChevronTexaco  
 Reported: 03/30/04 at 02:55 PM

Group Number: 888748

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: 04079A07C TPH-GRO - Waters	N.D.	50.	ug/l	93	95	70-130	2	30
Batch number: P040823AA	N.D.	50.	ug/l	95		46-145		
Ethanol	N.D.	0.5	ug/l	97		77-127		
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	93		67-130		
di-Isopropyl ether	N.D.	0.5	ug/l	95		74-120		
Ethyl t-butyl ether	N.D.	0.5	ug/l	96		79-113		
t-Amyl methyl ether	N.D.	5.	ug/l	92		57-141		
t-Butyl alcohol	N.D.	0.5	ug/l	97		85-117		
Benzene	N.D.	0.5	ug/l	94		85-115		
Toluene	N.D.	0.5	ug/l	95		82-119		
Ethylbenzene	N.D.	0.5	ug/l	97		84-120		
Xylene (Total)								
Batch number: P040852AA	N.D.	0.5	ug/l	96		77-127		
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	98		85-117		
Benzene	N.D.	0.5	ug/l	99		85-115		
Toluene	N.D.	0.5	ug/l	102		82-119		
Ethylbenzene	N.D.	0.5	ug/l	102		84-120		
Xylene (Total)								

### Sample Matrix Quality Control

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	BKG	DUP	DUP	Dup RPD
	%REC	%REC	Limits	RPD	MAX	Conc	Conc	Max
Batch number: 04079A07C TPH-GRO - Waters	90	90	63-154	0	30			
Batch number: P040823AA	99	104	41-155	5	30			
Ethanol	97	101	69-134	2	30			
Methyl Tertiary Butyl Ether	97	97	75-130	0	30			
di-Isopropyl ether	99	98	78-119	1	30			
Ethyl t-butyl ether	104	102	77-117	2	30			
t-Amyl methyl ether	94	97	51-147	3	30			
t-Butyl alcohol	103	105	83-128	1	30			
Benzene	104	104	83-127	0	30			
Toluene	105	105	82-129	0	30			
Ethylbenzene	105	105	82-130	0	30			
Xylene (Total)								

\*- Outside of specification

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

## Quality Control Summary

 Client Name: ChevronTexaco  
 Reported: 03/30/04 at 02:55 PM

Group Number: 888748

### Sample Matrix Quality Control

Analysis Name	MS	MSD	MS/MSD	RPD	BKG	DUP	DUP	Dup RPD
	%REC	%REC	Limits	RPD	MAX	Conc	Conc	Max
Batch number: P040852AA	Sample number(s): 4236724							
Methyl Tertiary Butyl Ether	100	101	69-134	1	30			
Benzene	104	106	83-128	2	30			
Toluene	104	104	83-127	1	30			
Ethylbenzene	105	105	82-129	0	30			
Xylene (Total)	105	107	82-130	2	30			

### Surrogate Quality Control

 Analysis Name: TPH-GRO - Waters  
 Batch number: 04079A07C  
 Trifluorotoluene-F

4236724	81
4236725	82
4236726	89
4236727	83
4236728	80
4236729	81
4236730	81
Blank	81
LCS	104
LCSD	105
MS	105
MSD	105

Limits: 57-146

 Analysis Name: BTEX+5 Oxygenates+ETOH  
 Batch number: P040823AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4236725	100	95	97	94
4236726	100	93	99	97
4236727	100	95	98	95
4236728	100	95	98	95
4236729	101	96	98	95
4236730	100	96	98	96
Blank	99	93	99	94
LCS	100	95	98	96
MS	101	95	98	95
MSD	99	95	98	97

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

Analysis Name: BTEX+MTBE by 8260B

Batch number: P040852AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4236724	99	96	96	94

\*- Outside of specification

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



## Quality Control Summary

Client Name: ChevronTexaco  
Reported: 03/30/04 at 02:55 PM

Group Number: 888748

### Surrogate Quality Control

Blank	101	96	96	93
LCS	101	95	97	95
MS	102	98	97	94
MSD	103	97	97	95
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.