



**J. Mark Inglis**  
Project Manager

**Retail & Terminal  
Business Unit**  
Chevron Environmental  
Management Company  
6001 Bollinger Canyon Road,  
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NOV. 16, 2005

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

Re: Chevron Service Station # 9-0020

Address: 1633 HARRISON STREET, OAKLAND, CALIFORNIA

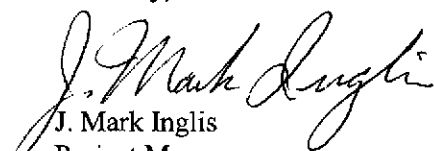
I have reviewed the attached routine groundwater monitoring report dated OCTOBER 31, 2005.

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,

  
J. Mark Inglis  
Project Manager

Enclosure: Report



# GETTLER-RYAN INC.

## TRANSMITTAL

October 31, 2005

G-R #386499

TO: Ms. Laura Genin  
Cambria Environmental Technology, Inc.  
5900 Hollis Street, Suite A  
Emeryville, CA 94608

CC: Mr. Mark Inglis  
ChevronTexaco Company  
P.O. Box 6012, Room K2256  
San Ramon, California 94583

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

RE: **Former Chevron Service Station  
#9-0020  
1633 Harrison Street  
Oakland, California  
RO 0000143**

NOV 10 2005  
MAIL ROOM

WE HAVE ENCLOSED THE FOLLOWING:

COPIES	DATED	DESCRIPTION
1	October 31, 2005	Groundwater Monitoring and Sampling Report Second Semi-Annual - Event of September 22, 2005

### COMMENTS:

This report is being sent for your review. Please provide any comments/changes and propose any groundwater monitoring modifications for the next event prior to **November 15, 2005**, at which time the final report will be distributed to the following:

cc: Mr. Barney Chan, Alameda County Health Care Services, Dept. of Environmental Health, 1131 Harbor Bay Pkwy., Suite 250, Alameda, CA 94502-6577  
Mr. Phil Nevel, The Oakland Housing Authority, 1619 Harrison Street, Oakland, CA 94612

Enclosures

Trans/9-0020-M1



# GETTLER-RYAN INC.

October 31, 2005  
G-R Job #386499

Mr. Mark Inglis  
ChevronTexaco Company  
P.O. Box 6012, Room K2256  
San Ramon, CA 94583

**RE: Second Semi-Annual Event of September 22, 2005**  
Groundwater Monitoring & Sampling Report  
Former Chevron Service Station #9-0020  
1633 Harrison Street  
Oakland, California

Dear Mr. Inglis:

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.

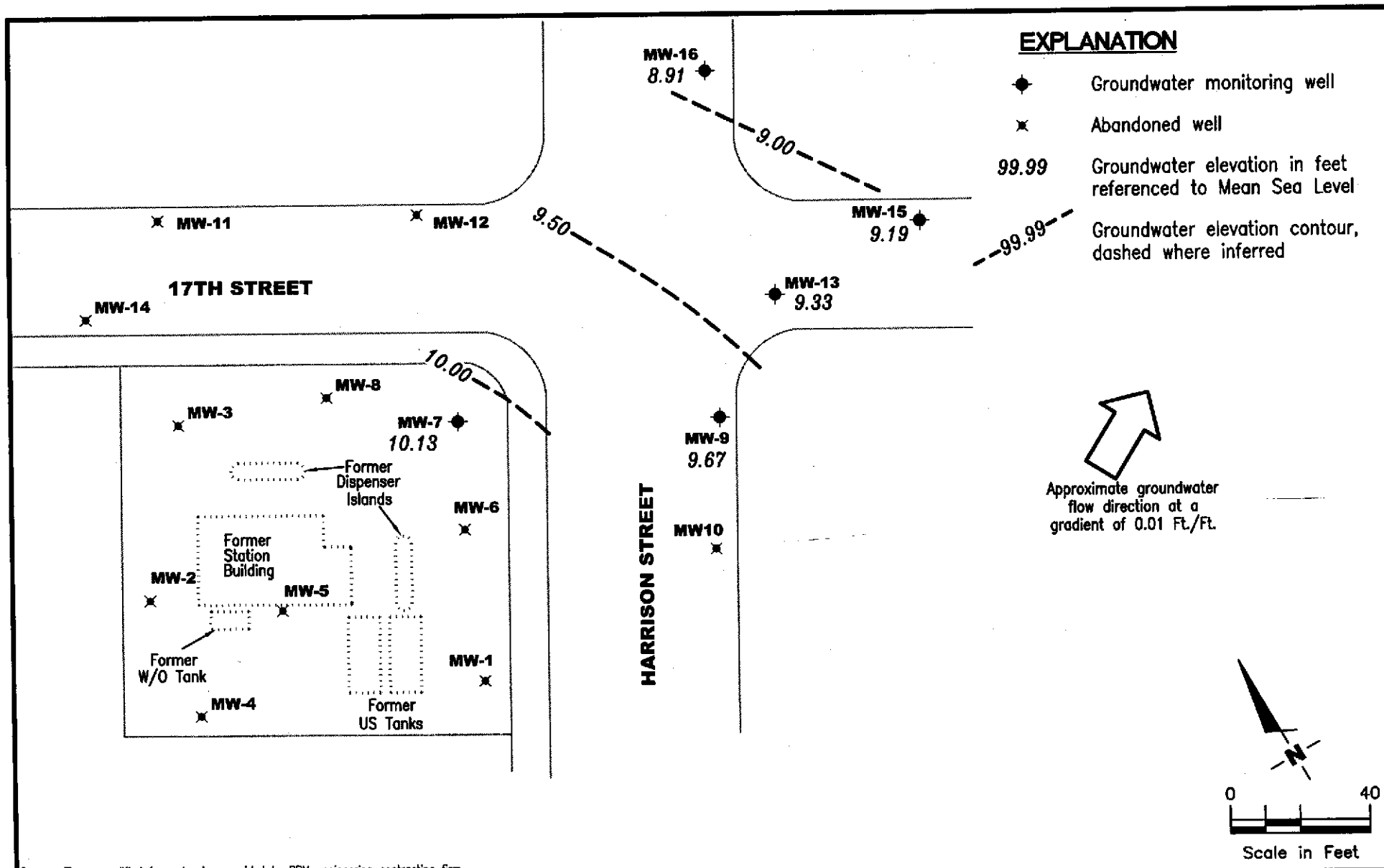
Sincerely,

Deanna L. Harding  
Project Coordinator

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



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



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

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

**POTENTIOMETRIC MAP**  
 Former Chevron Service Station #9-0020  
 1633 Harrison Street  
 Oakland, California

FIGURE  
**1**

PROJECT NUMBER  
**386499**

REVIEWED BY

DATE  
 September 22, 2005

REVISED DATE

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Service Station #9-0020  
1633 Harrison Street  
Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (mst)	DTW (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)
MW-7										
04/23/89	29.01	10.02	18.99	--	--	--	--	--	--	--
04/24/89	29.01	--	--	8400	100	260	160	1300	--	<3.0
07/28/89	29.01	9.07	19.94	7000	230	90	70	440	--	<3000
07/28/89 (D)	29.01	--	--	6000	280	180	58	430	--	--
10/30/89	29.01	9.04	19.97	10,000	570	55	160	400	--	--
10/30/89 (D)	29.01	--	--	9900	520	82	180	410	--	--
01/09/90	29.01	8.86	20.15	3400	290	72	9.0	200	--	--
04/18/90	29.01	8.64	20.37	6800	350	140	110	400	--	--
06/22/90	29.01	8.61	20.40	--	--	--	--	--	--	--
08/09/90	29.01	8.63	20.38	11,000	360	130	14	660	--	--
11/13/90	29.01	8.60	20.41	6500	230	110	97	460	--	--
05/15/91	29.01	8.54	20.47	4600	180	55	46	300	--	--
08/27/91	29.01	8.87	20.14	7000	220	53	63	340	--	--
11/15/91	29.01	8.79	20.22	3300	150	19	4.9	200	--	--
02/20/92	29.01	8.69	20.32	5200	520	150	100	380	--	--
06/15/92	29.01	9.03	19.98	10,000	760	430	320	1100	--	--
12/16/92	29.01	8.87	20.14	11,000	810	350	280	1100	--	--
04/07/93	29.01	9.87	19.14	150	1.4	0.9	0.9	4.5	--	--
06/09/93	29.01	9.96	19.05	180	4.0	1.0	1.0	3.0	--	--
09/10/93	29.01	--	--	--	--	--	--	--	--	--
09/27/93	29.01	--	--	--	--	--	--	--	--	--
12/17/93	29.01	--	--	--	--	--	--	--	--	--
03/10/94	29.01	--	--	--	--	--	--	--	--	--
06/16/94	29.01	--	--	--	--	--	--	--	--	--
09/07/94	29.01	--	--	--	--	--	--	--	--	--
11/30/94	29.01	INACCESSIBLE		--	--	--	--	--	--	--
01/17/95	29.01	17.39	11.62	2700	140	65	44	200	--	--
03/22/95	29.01	11.33	17.68	160	3.4	<0.5	1.1	0.77	--	--
06/27/95	29.01	9.75	19.26	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/28/95	29.01	9.67	19.34	1500	84	24	26	130	--	--
12/30/95	29.01	9.85	19.16	200	1.6	<0.5	1.3	5.9	5.5	--
02/28/96	29.01	10.57	18.44	650	14	1.3	4.2	16	34	--
06/27/96	29.01	10.29	18.72	640	140	10	9.8	14	55	--
09/13/96	29.01	9.61	19.40	1400	100	30	24	66	130	--
12/16/96	29.01	8.91	20.10	2600	140	72	51	180	<50	--
03/20/97	29.01	10.06	18.95	64	1.7	2.4	<0.5	0.67	<2.5	--

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Service Station #9-0020  
1633 Harrison Street  
Oakland, 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> )	TOC ( <i>ppb</i> )	
<b>MW-7 (cont)</b>											
09/08/97	29.01	9.34	19.67	590	45	<1.0	7.7	<1.0	46	--	
02/16/98	29.01	10.41	18.60	120	8.7	7.5	1.9	11	4.4	--	
08/25/98	29.01	9.61	19.40	160	6.2	33	0.84	2.0	<2.5	--	
03/09/99	29.01	13.01	16.00	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	
09/29/99	29.01	12.12	16.89	276	35.1	2.54	2.17	5.43	<5.0/<2.0 <sup>1</sup>	--	
03/27/00	29.01	9.42	19.59	721	38.5	1.06	6.31	9.38	7.75	--	
09/18/00 <sup>3</sup>	29.01	8.99	20.02	88 <sup>4</sup>	2.5	0.92	<0.50	1.3	8.7	--	
03/27/01 <sup>3</sup>	29.01	9.16	19.85	<50.0	<0.500	<0.500	<0.500	<0.500	<0.500	--	
09/05/01 <sup>3</sup>	29.01	8.60	20.41	220	1.9	2.3	<0.50	<3.0	<2.5	--	
03/15/02 <sup>3</sup>	29.01	9.16	19.85	NOT SAMPLED - DUE TO INSUFFICIENT WATER					--	--	--
09/14/02 <sup>3</sup>	29.01	8.72	20.29	69	2.2	0.85	<0.50	<1.5	<2.5	--	
03/26/03 <sup>3</sup>	29.01	8.89	20.12	78	<0.50	0.68	<0.50	<1.5	<2.5	--	
09/02/03 <sup>6,7</sup>	29.01	7.99	21.02	76	<0.5	<0.7	<0.8	<1.6	<0.5	--	
03/29/04 <sup>6</sup>	29.01	10.13	18.88	160	1	<0.5	0.5	0.6	1	--	
09/03/04 <sup>6</sup>	29.01	9.52	19.49	110	2	1	0.8	0.8	<0.5	--	
03/02/05 <sup>6</sup>	29.01	15.59	13.42	850	3	0.9	6	1	<0.5	--	
09/22/05 <sup>6</sup>	29.01	10.13	18.88	490	29	5	14	4.9	<0.5	--	
<b>MW-9</b>											
06/22/90	28.67	7.87	20.80	5700	47	31	280	530	--	<1000	
08/09/90	28.67	7.93	20.74	8000	<0.3	17	210	480	--	--	
11/13/90	28.67	7.89	20.78	6400	<3.0	20	240	450	--	--	
05/15/91	28.67	8.19	20.48	5700	2.0	16	190	390	--	--	
08/27/91	28.67	8.12	20.55	6700	<3.0	31	180	350	--	--	
11/15/91	28.67	8.10	20.57	4000	8.8	26	150	280	--	--	
02/20/92	28.67	6.90	21.77	3400	13	30	230	460	--	--	
06/15/92	28.67	8.30	20.37	4500	19	72	280	560	--	--	
12/16/92	28.68	8.39	20.29	9900	380	220	380	1300	--	--	
04/07/93	28.68	9.36	19.32	8700	51	150	360	1000	--	--	
06/09/93	28.68	9.52	19.16	8900	170	160	350	1100	--	--	
09/10/93	28.68	--	--	4600	110	63	190	350	--	--	
09/27/93	28.68	8.74	19.94	--	--	--	--	--	--	--	
12/17/93	28.68	8.37	20.31	4600	92	85	180	300	--	--	
03/10/94	28.68	8.38	20.30	3300	8.0	29	120	170	--	--	

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Service Station #9-0020  
1633 Harrison Street  
Oakland, 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>MW-9 (cont)</b>										
06/16/94	28.68	8.42	20.26	2900	4.8	16	85	64	--	--
09/07/94	28.68	8.27	20.41	2900	<0.5	9.9	70	75	--	--
11/30/94	28.68	8.70	19.98	2100	<5.0	<5.0	53	51	--	--
03/22/95	28.68	9.27	19.41	2200	<5.0	5.3	26	69	--	--
06/27/95	28.68	9.28	19.40	2900	7.4	10	68	99	--	--
09/28/95	28.68	9.13	19.55	4000	32	<10	36	44	--	--
12/30/95	28.68	8.88	19.80	3800	<5.0	13	<5.0	120	120	--
02/28/96	28.68	8.93	19.75	2000	9.9	<5.0	46	30	<25	--
06/27/96	28.68	9.13	19.55	2400	36	7.1	65	72	<50	--
09/13/96	28.68	8.86	19.82	2500	26	8.4	53	39	36	--
12/16/96	28.68	7.91	20.77	1200	3.5	2.4	12	14	<10	--
03/20/97	28.68	9.28	19.40	2400	25	5.8	26	22	<25	--
09/08/97	28.68	8.59	20.09	1800	9.5	8.1	22	21	12	--
02/16/98	28.68	9.45	19.23	950	5.6	3.1	13	13	18	--
08/25/98	28.68	9.18	19.50	2100	2.5	6.4	35	51	8.9	--
03/09/99	28.68	8.87	19.81	1400	12	7.8	8.8	16	8.8	--
07/19/99 <sup>2</sup>	28.68	--	--	--	--	--	--	--	--	--
09/29/99	28.68	8.27	20.41	217	1.36	1.14	1.56	1.49	<5.0/<2.0 <sup>1</sup>	--
03/27/00	28.68	INACCESSIBLE		--	--	--	--	--	--	--
09/18/00 <sup>3</sup>	28.68	8.63	20.05	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--
03/27/01 <sup>3</sup>	28.68	8.84	19.84	718	<0.500	<0.500	3.31	12.3	<0.500	--
09/05/01 <sup>3</sup>	28.68	8.39	20.29	1,500	<0.50	2.9	11	25	<2.5	--
03/15/02 <sup>3</sup>	28.68	8.07	20.61	740	0.56	<0.50	4.0	5.3	<2.5	--
09/14/02 <sup>3</sup>	28.68	8.62	20.06	580	<1.0	<1.0	1.8	3.4	3.4	--
03/26/03 <sup>3</sup>	28.68	8.71	19.97	440	1.7	0.69	<5.0	<1.5	<2.5	--
09/02/03 <sup>6,7</sup>	28.68	7.82	20.86	<50	<0.5	<0.5	<0.5	<1.0	<0.5	--
03/29/04 <sup>6</sup>	28.68	9.54	19.14	660	<0.5	<0.5	12	11	0.8	--
09/03/04 <sup>6</sup>	28.68	8.91	19.77	350	<0.5	<0.5	2	0.9	<0.5	--
03/02/05 <sup>6</sup>	28.68	9.57	19.11	800	<0.5	<0.5	3	1.6	<0.5	--
09/22/05 <sup>6</sup>	28.68	9.67	19.01	690	<0.5	<0.5	0.6	<1.0	<0.5	--
<b>MW-13</b>										
11/15/91	28.63	7.56	21.07	3100	68	40	110	270	--	--
02/20/92	28.63	6.46	22.17	3100	120	50	240	400	--	--

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Service Station #9-0020  
1633 Harrison Street  
Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msf)	DTW (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)
MW-13 (cont)										
06/15/92	28.63	7.96	20.67	3200	35	33	210	300	--	--
12/16/92	28.62	8.28	20.34	87,000	1400	540	2400	11,000	--	--
04/07/93	28.62	9.21	19.41	1500	72	12	70	160	--	--
06/09/93	28.62	9.42	19.20	210	6.0	2.0	7.0	16	--	--
09/10/93	28.62	--	--	73	3.0	<0.5	2.0	3.0	--	--
09/27/93	28.62	8.27	20.35	--	--	--	--	--	--	--
12/17/93	28.62	7.86	20.76	640	43	12	12	37	--	--
03/10/94	28.62	7.93	20.69	540	44	22	10	69	--	--
06/16/94	28.62	7.95	20.67	1800	63	12	18	64	--	--
09/07/94	28.62	7.79	20.83	1400	59	12	22	50	--	--
11/30/94	28.62	8.21	20.41	700	36	4.4	18	31	--	--
03/22/95	28.62	8.80	19.82	190	1.4	1.4	<0.5	<0.5	--	--
06/27/95	28.62	8.86	19.76	220	1.8	<0.5	<0.5	0.84	--	--
09/28/95	28.62	8.58	20.04	160	3.2	<0.5	0.97	2.2	--	--
12/30/95	28.62	8.32	20.30	190	0.94	<0.5	0.74	1.1	<2.5	--
02/28/96	28.62	8.73	19.89	130	<0.5	<0.5	<0.5	<0.5	<2.5	--
06/27/96	28.62	8.64	19.98	280	<0.5	1.4	<0.5	3.8	9.4	--
09/13/96	28.62	8.34	20.28	170	<0.5	<0.5	<0.5	0.89	2.7	--
12/16/96	28.62	8.15	20.47	170	<0.5	0.51	0.6	3.0	<2.5	--
03/20/97	28.62	8.72	19.90	290	1.6	0.78	1.1	1.5	3.4	--
09/08/97	28.62	8.13	20.49	140	0.52	1.5	<0.5	1.2	<2.5	--
02/16/98	28.62	8.87	19.75	64	<0.5	<0.5	<0.5	<0.5	<2.5	--
08/25/98	28.62	8.60	20.02	99	<0.5	<0.5	<0.5	1.7	<2.5	--
03/09/99	28.62	8.62	20.00	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
09/29/99	28.62	8.13	20.49	<50	<0.5	<0.5	<0.5	<0.5	<5.0/<2.0 <sup>1</sup>	--
03/27/00	28.62	8.58	20.04	89.5	0.765	0.682	<0.5	0.688	4.04	--
09/18/00	28.62	8.13	20.49	1,300 <sup>5</sup>	6.9	2.8	14	28	12	--
03/27/01	28.62	8.34	20.28	<50.0	<0.500	<0.500	<0.500	<0.500	<0.500	--
09/05/01	28.62	7.96	20.66	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
03/15/02	28.62	8.52	20.10	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
09/14/02	28.62	8.16	20.46	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
03/26/03	28.62	8.20	20.42	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
09/02/03 <sup>6</sup>	28.62	7.27	21.35	<50	<0.5	<0.5	<0.5	<1.0	<0.5	--
03/29/04 <sup>6</sup>	28.62	8.96	19.66	<50	<0.5	<0.5	<0.5	<1.0	<0.5	--
09/03/04 <sup>6</sup>	28.62	8.48	20.14	<50	<0.5	<0.5	<0.5	<1.0	<0.5	--



**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Service Station #9-0020  
1633 Harrison Street  
Oakland, 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>MW-13 (cont)</b>										
03/02/05 <sup>6</sup>	28.62	9.11	19.51	<50	<0.5	<0.5	<0.5	<1.0	<0.5	--
09/22/05 <sup>6</sup>	28.62	9.33	19.29	<50	<0.5	<0.5	<0.5	<1.0	<0.5	--
<b>MW-15</b>										
12/16/92	28.04	8.30	19.74	<50	<0.5	<0.5	<0.5	<0.5	--	--
04/07/93	28.04	9.24	18.80	<50	1.3	<0.5	<0.5	<1.5	--	--
06/09/93	28.04	9.44	18.60	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/10/93	28.04	--	--	--	--	--	--	--	--	--
09/27/93	28.04	8.11	19.93	<50	2.0	<0.5	<0.5	<0.5	--	--
12/17/93	28.04	7.72	20.32	<50	<0.5	<0.5	<0.5	<0.5	--	--
03/10/94	28.04	7.75	20.29	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/16/94	28.04	7.73	20.31	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/07/94	28.04	7.61	20.43	<50	<0.5	<0.5	<0.5	<0.5	--	--
11/30/94	28.04	8.03	20.01	<50	<0.5	<0.5	<0.5	<0.5	--	--
03/22/95	28.04	8.57	19.47	69	4.9	<0.5	<0.5	<0.5	--	--
06/27/95	28.04	8.70	19.34	<50	3.9	<0.5	1.4	<0.5	--	--
09/28/95	28.04	8.38	19.66	<50	0.82	<0.5	<0.5	<0.5	--	--
12/30/95	28.04	8.10	19.94	160	7.0	1.4	<0.5	1.8	14	--
02/28/96	28.04	8.41	19.63	81	1.7	<0.5	<0.5	<0.5	<2.5	--
06/27/96	28.04	8.44	19.60	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
09/13/96	28.04	8.14	19.90	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
12/16/96	28.04	7.81	20.23	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
03/20/97	28.04	8.52	19.52	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
09/08/97	28.04	7.86	20.18	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
02/16/98	28.04	8.67	19.37	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
08/25/98	28.04	8.34	19.70	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
03/09/99	28.04	8.35	19.69	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
09/29/99	28.04	7.92	20.12	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
03/27/00	28.04	8.37	19.67	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
09/18/00	28.04	7.91	20.13	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--
03/27/01	28.04	8.13	19.91	<50.0	<0.500	<0.500	<0.500	<0.500	<0.500	--
09/05/01	28.04	7.76	20.28	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
03/15/02	28.04	8.33	19.71	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
09/14/02	28.04	7.94	20.10	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--

**Table 1**  
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Former Chevron Service Station #9-0020  
1633 Harrison Street  
Oakland, California

WELL ID/ DATE	TOC (fl.)	GWE (msf)	DTW (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)
<b>MW-15 (cont)</b>										
03/26/03	28.04	7.99	20.05	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
09/02/03 <sup>6</sup>	28.04	7.12	20.92	<50	<0.5	<0.5	<0.5	<1.0	<0.5	--
03/29/04 <sup>6</sup>	28.04	8.73	19.31	<50	<0.5	<0.5	<0.5	<1.0	<0.5	--
09/03/04 <sup>6</sup>	28.04	8.31	19.73	<50	<0.5	<0.5	<0.5	<1.0	<0.5	--
03/02/05 <sup>6</sup>	28.04	8.93	19.11	<50	<0.5	<0.5	<0.5	<1.0	<0.5	--
09/22/05 <sup>6</sup>	28.04	9.19	18.85	<50	<0.5	<0.5	<0.5	<1.0	<0.5	--
<b>MW-16</b>										
12/16/92	28.32	8.74	19.58	--	--	--	--	--	--	--
12/21/92	28.32	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
04/07/93	28.32	9.91	18.41	<50	<0.5	6.8	<0.5	<0.5	--	--
06/09/93	28.32	10.07	18.25	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/10/93	28.32	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/27/93	28.32	8.16	20.16	--	--	--	--	--	--	--
12/17/93	28.32	--	--	--	--	--	--	--	--	--
03/10/94	28.32	7.77	20.55	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/16/94	28.32	7.67	20.65	<50	0.9	0.7	<0.5	<0.5	--	--
09/07/94	28.32	7.59	20.73	150	1.3	0.8	1.2	3.6	--	--
11/30/94	28.32	8.04	20.28	4200	300	<5.0	34	350	--	--
03/22/95	28.32	8.65	19.67	2900	180	5.7	21	91	--	--
06/27/95	28.32	8.72	19.60	2000	330	10	27	48	--	--
09/28/95	28.32	INACCESSIBLE	--	--	--	--	--	--	--	--
12/30/95	28.32	8.06	20.26	3100	770	39	30	80	<12	--
02/28/96	28.32	8.48	19.84	1600	320	15	11	21	<25	--
06/27/96	28.32	8.45	19.87	2900	670	48	54	86	280	--
09/13/96	28.32	8.17	20.15	1400	18	4.0	8.6	16	<10	--
12/16/96	28.32	7.53	20.79	3100	500	25	23	52	<25	--
03/20/97	28.32	8.52	19.80	3800	550	23	14	8.4	140	--
09/08/97	28.32	7.97	20.35	2800	470	28	24	41	<10	--
02/16/98	28.32	8.40	19.92	3100	570	35	27	54	<25	--
08/25/98	28.32	8.12	20.20	3500	520	43	57	75	<12	--
03/09/99	28.32	8.15	20.17	4900	750	55	40	120	<50	--
09/29/99	28.32	7.77	20.55	5480	717	45.3	44	100	<125/<10 <sup>1</sup>	--
03/27/00	28.32	INACCESSIBLE	--	--	--	--	--	--	--	--

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Former Chevron Service Station #9-0020  
1633 Harrison Street  
Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msf)	DTW (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)
<b>MW-16 (cont)</b>										
09/18/00 <sup>3</sup>	28.32	7.85	20.47	--	--	--	--	--	--	--
03/27/01	28.32	INACCESSIBLE		--	--	--	--	--	--	--
09/05/01 <sup>3</sup>	28.32	8.70	19.62	6,500	710	72	45	94	<20	--
03/15/02 <sup>3</sup>	28.32	8.28	20.04	5,800	520	60	28	68	<2.5	--
09/14/02 <sup>3</sup>	28.32	7.84	20.48	7,300	560	75	52	100	<50	--
03/26/03 <sup>3</sup>	28.32	7.91	20.41	8,200	650	96	66	120	<50	--
09/02/03 <sup>7</sup>	28.32	7.02	21.30	INACCESSIBLE - VEHICLE PARKED OVER WELL				--	--	--
03/29/04	28.32	INACCESSIBLE - VEHICLE PARKED OVER WELL				--	--	--	--	--
09/03/04 <sup>6</sup>	28.32	8.12	20.20	7,400	140	89	58	139	<0.5	--
03/02/05 <sup>6</sup>	28.32	8.74	19.58	6,500	74	55	31	69	<1	--
09/22/05 <sup>6</sup>	28.32	8.91	19.41	8,500	60	46	35	64	<3	--
<b>MW-1</b>										
11/03/88	29.82	9.42	20.40	<1000	<1.0	<1.0	<1.0	<1.0	--	--
02/02/89	29.82	9.11	20.71	--	--	--	--	--	--	--
02/10/89	29.82	--	--	<100	<0.2	<0.2	<0.2	<0.4	--	--
04/23/89	29.82	9.48	20.34	--	--	--	--	--	--	--
04/24/89	29.82	--	--	<50	<0.5	<1.0	<1.0	<1.0	--	<3000
07/28/89	29.82	9.24	20.58	<50	<0.1	<0.5	<0.2	<0.5	--	<3000
10/30/89	29.82	9.30	20.52	<500	<0.3	<0.3	<0.3	<0.6	--	--
01/09/90	29.82	9.05	20.77	<50	<0.3	<0.3	<0.3	<0.6	--	--
04/18/90	29.82	8.87	20.95	<50	<0.3	<0.3	<0.3	<0.6	--	--
06/22/90	29.82	8.82	21.00	--	--	--	--	--	--	--
08/09/90	29.82	8.88	20.94	<50	<0.3	<0.3	<0.3	<0.6	--	--
11/13/90	29.82	8.84	20.98	<50	<0.5	<0.5	<0.5	<0.5	--	--
05/15/91	29.82	9.18	20.64	<50	<0.5	<0.5	<0.5	<0.5	--	--
08/27/91	29.82	9.03	20.79	110	<0.5	<0.5	<0.5	<0.5	--	--
11/15/91	29.82	9.07	20.75	<50	<0.5	<0.5	<0.5	<0.5	--	--
02/20/92	29.82	8.92	20.90	<50	0.5	0.6	<0.5	0.9	--	--
06/15/92	29.82	9.18	20.64	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/16/92	29.82	8.98	20.84	<50	<0.5	<0.5	<0.5	<0.5	--	--
04/07/93	29.82	9.91	19.91	<50	<0.5	<0.5	<0.5	<1.5	--	--
06/09/93	29.82	9.97	19.85	--	--	--	--	--	--	--
09/10/93	29.82	--	--	--	--	--	--	--	--	--

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Former Chevron Service Station #9-0020  
1633 Harrison Street  
Oakland, 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>MW-1 (cont)</b>										
09/27/93	29.82	9.47	20.35	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/17/93	29.82	9.14	20.68	<50	<0.5	<0.5	<0.5	<0.5	--	--
03/10/94	29.82	9.25	20.57	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/16/94	29.82	9.27	20.55	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/07/94	29.82	9.13	20.69	<50	<0.5	<0.5	<0.5	<0.5	--	--
11/30/94	29.82	9.59	20.23	<50	<0.5	<0.5	<0.5	<0.5	--	--
03/22/95	29.82	10.37	19.45	<50	<0.5	<0.5	<0.5	<0.5	--	--
<b>ABANDONED</b>										
<b>MW-2</b>										
11/03/88	30.59	9.70	20.89	<1000	<1.0	<1.0	<1.0	<1.0	--	--
02/02/89	30.59	9.38	21.21	--	--	--	--	--	--	--
02/10/89	30.59	--	--	<100	<0.2	<0.2	<0.2	<0.4	--	--
04/23/89	30.59	9.77	20.82	--	--	--	--	--	--	--
04/24/89	30.59	--	--	<50	<0.5	<1.0	<1.0	<1.0	--	<3000
07/28/89	30.59	9.57	21.02	<100	<0.2	<1.0	<0.2	<0.5	--	<3000
10/30/89	30.59	9.63	20.96	<500	<0.3	<0.3	<0.3	<0.6	--	--
01/09/90	30.59	9.34	21.25	<50	<0.3	<0.3	<0.3	<0.6	--	--
04/18/90	30.59	9.06	21.53	<50	<0.3	<0.3	<0.3	<0.6	--	--
06/22/90	30.59	9.02	21.57	--	--	--	--	--	--	--
08/09/90	30.59	9.04	21.55	<50	<0.3	<0.3	<0.3	<0.6	--	--
11/13/90	30.59	9.05	21.54	<50	<0.5	0.8	<0.5	0.9	--	--
05/15/91	30.59	9.44	21.15	83	<0.5	<0.5	<0.5	<0.5	--	--
08/27/91	30.59	9.32	21.27	97	<0.5	<0.5	<0.5	<0.5	--	--
11/15/91	30.59	9.29	21.30	<50	0.5	1.5	0.8	3.6	--	--
02/20/92	30.59	9.13	21.43	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/15/92	30.59	9.41	21.18	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/16/92	30.56	9.09	21.47	<50	<0.5	<0.5	<0.5	<0.5	--	--
04/07/93	30.56	10.03	20.53	66	<0.5	<0.5	<0.5	<1.5	--	--
06/09/93	30.56	10.11	20.45	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/10/93	30.56	--	--	--	--	--	--	--	--	--
09/27/93	30.56	9.59	20.97	--	--	--	--	--	--	--
12/17/93	30.56	9.25	21.31	<50	<0.5	<0.5	<0.5	<0.5	--	--
03/10/94	30.56	9.33	21.23	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/16/94	30.56	9.35	21.21	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/07/94	30.56	9.22	21.34	<50	<0.5	<0.5	<0.5	<0.5	--	--

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1633 Harrison Street  
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WELL ID/ DATE	TOC (ft.)	GWE (msf)	DTW (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)
<b>MW-2 (cont)</b>										
11/30/94	30.56	9.66	20.90	<50	<0.5	<0.5	<0.5	<0.5	--	--
03/22/95	30.56	10.22	20.34	<50	<0.5	<0.5	<0.5	<0.5	--	--
ABANDONED										
<b>MW-3</b>										
11/03/88	30.09	9.55	20.54	<1000	<1.0	<1.0	<1.0	<1.0	--	--
02/02/89	30.09	9.24	20.85	--	--	--	--	--	--	--
02/10/89	30.09	--	--	<100	<0.2	<0.2	<0.2	<0.4	--	--
04/23/89	30.09	9.66	20.43	--	--	--	--	--	--	--
04/24/89	30.09	--	--	<50	<0.5	<1.0	<1.0	<1.0	--	<3000
07/28/89	30.09	9.45	20.64	<100	<0.2	<1.0	<0.2	<0.4	--	<3000
10/30/89	30.09	9.48	20.61	<500	<0.3	<0.3	<0.3	<0.6	--	--
01/09/90	30.09	9.21	20.88	<50	<0.3	<0.3	<0.3	<0.6	--	--
04/18/90	30.09	8.94	21.15	<50	<0.3	<0.3	<0.3	<0.6	--	--
06/22/90	30.09	8.89	21.20	--	--	--	--	--	--	--
08/09/90	30.09	8.91	21.18	<50	<0.3	<0.3	<0.3	<0.6	--	--
11/13/90	30.09	8.94	21.15	51	<0.5	<0.5	<0.5	<0.5	--	--
05/15/91	30.09	9.18	20.91	85	<0.5	<0.5	<0.5	<0.5	--	--
08/27/91	30.09	9.20	20.89	91	<0.5	<0.5	<0.5	<0.5	--	--
11/15/91	30.09	9.07	21.02	<50	<0.5	0.7	<0.5	1.3	--	--
02/20/92	30.09	9.02	21.07	<50	<0.5	<0.5	<0.5	0.9	--	--
06/15/92	30.09	9.27	20.82	50	<0.5	<0.5	<0.5	<0.5	--	--
12/16/92	30.08	9.07	21.07	<50	<0.5	<0.5	<0.5	<0.5	--	--
04/07/93	30.08	9.95	20.13	<50	<0.5	<0.5	<0.5	<1.5	--	--
06/09/93	30.08	10.03	20.05	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/10/93	30.08	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/27/93	30.08	9.50	20.58	--	--	--	--	--	--	--
12/17/93	30.08	9.07	21.01	<50	<0.5	<0.5	<0.5	<0.5	--	--
03/10/94	30.08	9.22	20.86	<50	<0.5	<0.5	<0.5	1.1	--	--
06/16/94	30.08	9.21	20.87	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/07/94	30.08	9.11	20.97	<50	<0.5	<0.5	<0.5	<0.5	--	--
11/30/94	30.08	10.45	19.63	<50	<0.5	<0.5	<0.5	<0.5	--	--
03/22/95	30.08	10.27	19.81	<50	<0.5	<0.5	<0.5	<0.5	--	--
ABANDONED										
<b>MW-4</b>										
04/23/89	31.17	9.84	21.33	--	--	--	--	--	--	--

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<b>MW-4 (cont)</b>										
04/24/89	31.17	--	--	<50	<0.5	<1.0	<1.0	<1.0	--	<3000
07/28/89	31.17	9.59	21.58	<50	<0.1	<0.5	<0.1	<0.2	--	<3000
10/30/89	31.17	9.63	21.54	<500	<0.3	<0.3	<0.3	<0.6	--	--
01/09/90	31.17	9.35	21.82	<50	<0.3	<0.3	<0.3	<0.6	--	--
04/18/90	31.17	9.08	22.09	<50	<0.3	<0.3	<0.3	<0.6	--	--
06/22/90	31.17	9.05	22.12	--	--	--	--	--	--	--
08/09/90	31.17	9.06	22.11	<50	<0.3	<0.3	<0.3	<0.6	--	--
11/13/90	31.17	9.07	22.10	<50	<0.5	1.0	0.5	1.0	--	--
05/15/91	31.17	9.46	21.71	<50	<0.5	<0.5	<0.5	<0.5	--	--
08/27/91	31.17	9.30	21.87	<50	<0.5	<0.5	<0.5	<0.5	--	--
11/15/91	31.17	9.37	21.80	97	<0.5	0.9	<0.5	1.9	--	--
02/20/92	31.17	9.18	21.99	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/15/92	31.17	9.43	21.74	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/16/92	31.17	9.12	22.05	<50	0.7	0.5	0.5	1.3	--	--
04/07/93	31.17	10.06	21.11	<50	<0.5	<0.5	<0.5	<1.5	--	--
06/09/93	31.17	--	--	--	--	--	--	--	--	--
09/10/93	31.17	--	--	--	--	--	--	--	--	--
09/27/93	31.17	9.63	21.54	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/17/93	31.17	9.28	21.89	<50	<0.5	<0.5	<0.5	<0.5	--	--
03/10/94	31.17	--	--	--	--	--	--	--	--	--
06/16/94	31.17	10.63	20.54	--	--	--	--	--	--	--
09/07/94	31.17	9.27	21.90	<50	<0.5	<0.5	<0.5	<0.5	--	--
11/30/94	31.17	9.83	21.34	<50	<0.5	<0.5	<0.5	<0.5	--	--
03/21/95	31.17	10.55	20.62	<50	<0.5	<0.5	<0.5	<0.5	--	--
<b>ABANDONED</b>										
<b>MW-5</b>										
04/23/89	30.28	9.66	20.62	--	--	--	--	--	--	--
04/24/89	30.28	--	--	<50	<0.5	<1.0	<1.0	<1.0	--	<3000
07/28/89	30.28	9.42	20.86	<100	<0.2	<1.0	<0.2	<0.4	--	<3000
10/30/89	30.28	9.46	20.82	<500	<0.3	<0.3	<0.3	<0.6	--	--
01/09/90	30.28	9.21	21.07	<50	<0.3	<0.3	<0.3	<0.6	--	--
04/18/90	30.28	8.93	21.35	<50	<0.3	<0.3	<0.3	<0.6	--	--
06/22/90	30.28	8.90	21.38	--	--	--	--	--	--	--
08/09/90	30.28	8.92	21.36	<50	<0.3	<0.3	<0.3	<0.6	--	--
11/13/90	30.28	8.93	21.35	<50	<0.5	1.0	<0.5	1.0	--	--

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Former Chevron Service Station #9-0020  
1633 Harrison Street  
Oakland, 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>MW-5 (cont)</b>										
05/15/91	30.28	8.99	21.29	<50	<0.5	<0.5	<0.5	<0.5	--	--
08/27/91	30.28	9.17	21.11	94	3.0	5.0	1.5	5.5	--	--
11/15/91	30.28	9.10	21.18	<50	0.9	1.7	<0.5	2.2	--	--
02/20/92	30.28	9.03	21.25	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/15/92	30.28	9.28	21.00	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/16/92	30.28	9.05	21.23	<50	<0.5	<0.5	<0.5	<0.5	--	--
04/07/93	30.28	9.97	20.31	<50	<0.5	<0.5	<0.5	<1.5	--	--
06/09/93	30.28	--	--	--	--	--	--	--	--	--
09/10/93	30.28	--	--	--	--	--	--	--	--	--
09/27/93	30.28	9.52	20.76	--	--	--	--	--	--	--
ABANDONED										
<b>MW-6</b>										
04/23/89	29.46	9.41	20.05	--	--	--	--	--	--	--
04/24/89	29.46	--	--	<50	<0.5	<1.0	<1.0	<1.0	--	<3.0
07/28/89	29.46	9.16	20.30	<100	<0.2	<1.0	<0.2	<0.4	--	<3.0
10/30/89	29.46	9.14	20.32	<500	<0.3	<0.3	<0.3	<0.6	--	--
01/09/90	29.46	8.95	20.51	<50	<0.3	<0.3	<0.3	<0.6	--	--
04/18/90	29.46	8.74	20.72	<50	<0.3	<0.3	<0.3	<0.6	--	--
06/22/90	29.46	8.69	20.77	--	--	--	--	--	--	--
08/09/90	29.46	8.72	20.74	<50	<0.3	<0.3	<0.3	<0.6	--	--
11/13/90	29.46	8.71	20.75	<50	3.0	5.0	0.5	2.0	--	--
05/15/91	29.46	8.85	20.61	<50	<0.5	<0.5	<0.5	<0.5	--	--
08/27/91	29.46	8.93	20.53	180	6.1	12	3.8	14	--	--
11/15/91	29.46	8.93	20.53	<50	<0.5	0.6	<0.5	<0.5	--	--
02/20/92	29.46	8.77	20.69	<50	0.9	1.1	<0.5	1.4	--	--
06/15/92	29.46	9.08	20.38	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/16/92	29.45	8.88	20.57	<50	<0.5	<0.5	<0.5	<0.5	--	--
04/07/93	29.45	9.86	19.59	<50	<0.5	<0.5	<0.5	<1.5	--	--
06/09/93	29.45	9.95	19.50	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/10/93	29.45	--	--	--	--	--	--	--	--	--
09/27/93	29.45	9.38	20.07	--	--	--	--	--	--	--
ABANDONED										
<b>MW-8</b>										
04/23/89	29.57	9.43	20.14	--	--	--	--	--	--	--
04/24/89	29.57	--	--	<50	<0.5	<1.0	<1.0	<1.0	--	3000

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<b>MW-8 (cont)</b>										
04/24/89 <sup>1</sup>	29.57	--	--	<50	<0.5	<1.0	<1.0	<1.0	--	--
07/28/89	29.57	9.20	20.37	<100	<0.2	<1.0	<0.2	<0.4	--	<3000
10/30/89	29.57	9.25	20.32	<500	<0.3	<0.3	<0.3	<0.6	--	--
01/09/90	29.57	8.97	20.60	<50	<0.3	<0.3	<0.3	<0.6	--	--
04/18/90	29.57	8.70	20.87	<50	<0.3	<0.3	<0.3	<0.6	--	--
06/22/90	29.57	9.23	20.34	--	--	--	--	--	--	--
08/09/90	29.57	8.68	20.89	<50	<0.3	<0.3	<0.3	<0.6	--	--
11/13/90	29.57	8.71	20.86	<50	<0.5	0.8	<0.5	2.0	--	--
05/15/91	29.57	9.08	20.49	<50	<0.5	<0.5	<0.5	<0.5	--	--
08/27/91	29.57	8.97	20.60	73	<0.5	<0.5	<0.5	<0.5	--	--
11/15/91	29.57	8.95	20.62	<50	<0.5	0.7	<0.5	2.1	--	--
02/20/92	29.57	8.77	20.80	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/15/92	29.57	9.09	20.48	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/16/92	29.57	8.89	20.68	<50	<0.5	<0.5	<0.5	<0.5	--	--
04/07/93	29.57	9.87	19.70	<50	<0.5	<0.5	<0.5	<1.5	--	--
06/09/93	29.57	9.97	19.60	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/10/93	29.57	--	--	--	--	--	--	--	--	--
09/27/93	29.57	9.35	20.22	--	--	--	--	--	--	--
<b>ABANDONED</b>										
<b>MW-10</b>										
06/22/90	28.60	8.12	20.48	<50	<0.5	<0.5	<0.5	<0.5	--	<1000
08/09/90	28.60	8.15	20.45	<50	<0.3	<0.3	<0.3	<0.6	--	--
11/13/90	28.60	8.13	20.47	<50	<0.5	2.0	0.5	2.0	--	--
05/15/91	28.60	8.45	20.15	<50	<0.5	<0.5	<0.5	<0.5	--	--
08/27/91	28.60	8.33	20.27	<50	<0.5	<0.5	<0.5	<0.5	--	--
11/15/91	28.60	8.27	20.33	<50	<0.5	<0.5	<0.5	<0.5	--	--
02/20/92	28.60	7.15	21.45	<50	2.0	2.2	<0.5	2.1	--	--
06/15/92	28.60	7.30	21.30	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/16/92	28.62	8.45	20.17	<50	<0.5	<0.5	<0.5	<0.5	--	--
04/07/93	28.62	9.41	19.26	<50	<0.5	<0.5	<0.5	<1.5	--	--
06/09/93	28.62	9.55	19.07	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/10/93	28.62	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/24/93	28.62	8.90	19.72	--	--	--	--	--	--	--
12/17/93	28.62	8.55	20.07	<50	<0.5	<0.5	<0.5	<0.5	--	--
03/10/94	28.62	8.65	19.97	<50	<0.5	<0.5	<0.5	<0.5	--	--



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<b>MW-10 (cont)</b>										
06/16/94	28.62	8.64	19.98	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/07/94	28.62	8.50	20.12	<50	<0.5	<0.5	<0.5	<0.5	--	--
11/30/94	28.62	8.92	19.70	<50	<0.5	<0.5	<0.5	<0.5	--	--
03/22/95	28.62	9.70	18.92	<50	<0.5	<0.5	<0.5	<0.5	--	--
ABANDONED										
<b>MW-11</b>										
06/22/90	29.37	8.34	21.03	<50	<0.5	<0.5	<0.5	<0.5	--	<1000
08/09/90	29.37	8.35	21.02	<50	<0.3	<0.3	<0.3	<0.6	--	--
11/13/90	29.37	8.44	20.93	76	0.6	1.0	0.9	4.0	--	--
05/15/91	29.37	8.76	20.61	78	<0.5	<0.5	<0.5	<0.5	--	--
08/27/91	29.37	8.67	20.70	110	<0.5	<0.5	<0.5	<0.5	--	--
11/15/91	29.37	8.69	20.68	<50	<0.5	<0.5	<0.5	<0.5	--	--
02/20/92	29.37	7.46	21.91	<50	1.9	2.1	1.0	4.4	--	--
06/15/92	29.37	8.81	20.56	--	--	--	--	--	--	--
12/16/92	29.39	8.64	20.75	<50	<0.5	<0.5	<0.5	<0.5	--	--
04/07/93	29.39	9.56	19.83	<50	<0.5	<0.5	<0.5	<1.5	--	--
06/09/93	29.39	9.72	19.67	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/10/93	29.39	--	--	--	--	--	--	--	--	--
09/27/93	29.39	9.06	20.33	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/17/93	29.39	8.66	20.73	<50	<0.5	<0.5	<0.5	<0.5	--	--
03/10/94	29.39	8.70	20.69	--	--	--	--	--	--	--
06/16/94	29.39	8.83	20.56	<50	<0.5	<0.5	<0.5	<0.5	--	--
ABANDONED										
<b>MW-12</b>										
06/22/90	28.43	7.98	20.45	<50	<0.5	<0.5	<0.5	<0.5	--	<1000
08/09/90	28.43	8.00	20.43	<50	<0.3	<0.3	<0.3	<0.6	--	--
11/13/90	28.43	7.98	20.45	<50	<0.5	<0.5	<0.5	<0.5	--	--
05/15/91	28.43	8.36	20.07	<50	<0.5	<0.5	<0.5	<0.5	--	--
08/27/91	28.43	8.28	20.15	56	<0.5	<0.5	<0.5	<0.5	--	--
11/15/91	28.43	8.18	20.25	<50	<0.5	<0.5	<0.5	<0.5	--	--
02/20/92	28.43	7.06	21.37	<50	2.5	3.1	0.7	3.0	--	--
06/15/92	28.43	8.53	19.90	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/16/92	28.43	8.63	19.80	<50	<0.5	<0.5	<0.5	<0.5	--	--
04/07/93	28.43	9.68	18.75	<50	<0.5	<0.5	<0.5	<1.5	--	--
06/09/93	28.43	--	--	--	--	--	--	--	--	--

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<b>MW-12 (cont)</b>										
09/10/93	28.43	--	--	--	--	--	--	--	--	--
09/27/93	28.43	8.80	19.63	--	--	--	--	--	--	--
ABANDONED										
<b>MW-14</b>										
11/15/91	29.46	9.13	20.33	<50	<0.5	<0.5	<0.5	<0.5	--	--
02/20/92	29.46	8.05	21.41	<50	1.3	1.8	1.1	5.2	--	--
06/15/92	29.46	--	--	--	--	--	--	--	--	--
12/16/92	29.45	8.79	20.66	<50	<0.5	<0.5	<0.5	<0.5	--	--
04/07/93	29.45	--	--	--	--	--	--	--	--	--
06/09/93	29.45	--	--	--	--	--	--	--	--	--
09/10/93	29.45	--	--	--	--	--	--	--	--	--
09/27/93	29.45	9.19	20.26	--	--	--	--	--	--	--
ABANDONED										
<b>TRIP BLANK</b>										
11/03/88	--	--	--	--	<1.0	<1.0	<1.0	<1.0	--	--
02/10/89	--	--	--	<50	<0.1	<0.1	<0.1	<0.2	--	--
04/24/89	--	--	--	<50	<0.5	<0.5	<1.0	<1.0	--	--
07/28/89	--	--	--	<50	<0.1	<0.1	<0.1	<0.2	--	--
10/30/89	--	--	--	<500	<0.3	<0.3	<0.3	<0.6	--	--
01/09/90	--	--	--	<50	<0.3	<0.3	<0.3	<0.6	--	--
04/18/90	--	--	--	<50	<0.3	<0.3	<0.3	<0.6	--	--
06/22/90	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
08/09/90	--	--	--	<50	<0.3	<0.3	<0.3	<0.6	--	--
11/13/90	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
05/15/91	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
08/27/91	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
11/15/91	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
02/20/92	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/15/92	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/16/92	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
04/07/93	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
06/09/93	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/10/93	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/27/93	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--

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<b>TRIP BLANK (cont)</b>										
12/17/93	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
03/10/94	--	--	--	<50	<0.5	0.6	<0.5	0.6	--	--
06/16/94	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/07/94	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
11/30/94	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/17/95	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
03/22/95	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/27/95	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/28/95	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/30/95	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
02/28/96	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
06/27/96	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
09/13/96	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/16/96	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
03/20/97	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
09/08/97	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
02/16/98	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
08/25/98	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
03/09/99	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
09/29/99	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
03/27/00	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
09/18/00	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--
03/27/01	--	--	--	<50.0	<0.500	<0.500	<0.500	<0.500	<0.500	--
09/05/01	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
<b>QA</b>										
03/15/02	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
09/14/02	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
03/26/03	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
09/02/03 <sup>6</sup>	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/29/04 <sup>6</sup>	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
09/03/04 <sup>6</sup>	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/02/05 <sup>6</sup>	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
09/22/05 <sup>6</sup>	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Service Station #9-0020  
1633 Harrison Street  
Oakland, California

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**EXPLANATIONS:**

Groundwater monitoring data and analytical results prior to September 18, 2000, were compiled from reports prepared by Blaine Tech Services, Inc.

TOC = Top of Casing

(ft.) = Feet

GWE = Groundwater Elevation

(msl) = Mean sea level

DTW = Depth to Water

TPH-G = Total Petroleum Hydrocarbons as Gasoline

B = Benzene

T = Toluene

E = Ethylbenzene

X = Xylenes

MTBE = Methyl tertiary butyl ether

TOG = Total Oil and Grease

(ppb) = Parts per billion

-- = Not Measured/Not Analyzed

(D) = Duplicate

QA = Quality Assurance/Trip Blank

- 1 Confirmation run.
- 2 ORC installed.
- 3 ORC in well.
- 4 Laboratory report indicates gasoline C6-C12.
- 5 Laboratory report indicates gasoline C6-C12 + unidentified hydrocarbons C6-C12.
- 6 BTEX and MTBE by EPA Method 8260.
- 7 Removed ORC in well.

**Table 2**  
**Groundwater Analytical Results**  
Former Chevron Service Station #9-0020  
1633 Harrison Street  
Oakland, California

WELL ID/ DATE	Carbon Tet (ppb)	Chloroform (ppb)	PCE (ppb)	TCE (ppb)	1,2-DCE (ppb)	t-1,2-DCE (ppb)	c-1,2-DCE (ppb)	1,1,1-TCA (ppb)	1,2-DCA (ppb)	1,2-DCP (ppb)	1,1-DCE (ppb)	MC (ppb)
<b>MW-7</b>												
04/24/89 <sup>2</sup>	3.0	9.0	<1.0	<1.0	<1.0	--	--	<1.0	<1.0	--	--	--
07/28/89	<2.0	<10	<2.0	<2.0	--	<2.0	<2.0	<10	6.0	--	--	--
07/28/89	<5.0	<20	<5.0	<5.0	--	<5.0	<0.5	<5.0	<5.0	--	--	--
10/30/89	<1.0	3.9	<1.0	<1.0	<1.0	--	--	<1.0	6.4	--	--	--
10/30/89	<1.0	3.1	<1.0	<1.0	<1.0	--	--	<1.0	6.2	--	--	--
01/09/90	<0.5	3.0	<0.5	<0.5	<0.5	--	--	<0.5	8.4	--	--	--
04/18/90	<0.5	3.2	<0.5	<0.5	<0.5	--	--	<0.5	7.7	0.6	0.6	--
08/09/90	3.3	7.7	<0.5	<0.5	<0.5	--	--	<0.5	8.4	<0.5	<0.5	--
11/13/90	0.6	3.0	<0.5	<0.5	--	<0.5	<0.5	<0.5	4.0	<0.5	<0.5	--
05/15/91	2.0	2.0	<0.5	<0.5	--	<0.5	<0.5	<0.5	3.0	<0.5	<0.5	--
08/27/91	0.7	2.8	<0.5	<0.5	--	--	<0.5	<0.5	2.7	<0.5	<0.5	--
11/15/91	0.8	2.7	<0.5	<0.5	--	<0.5	<0.5	<0.5	3.1	<0.5	<0.5	--
02/20/92	2.2	1.9	<0.5	<0.5	--	<0.5	<0.5	<0.5	3.3	<0.5	<0.5	--
06/15/92	1.1	1.8	<0.5	<0.5	--	<0.5	<0.5	<0.5	4.5	<0.5	<0.5	--
09/02/03	<1	<0.8	<0.8	<1	--	<0.8	<0.8	<0.8	<0.5	<1	<0.8	<2
03/29/04	<1	<0.8	<0.8	<1	--	<0.8	<0.8	<0.8	11	<1	<0.8	<2
09/03/04	<1	<0.8	<0.8	<1	--	<0.8	<0.8	<0.8	<0.5	<1	<0.8	<2
03/02/05	<1	<0.8	<0.8	<1	--	<0.8	<0.8	<0.8	<0.5	<1	<0.8	<2
09/22/05	<1	<0.8	<0.8	<1	--	<0.8	<0.8	<0.8	<0.5	<1	<0.8	<2
<b>MW-9</b>												
06/22/90	<0.5	<0.5	<0.5	<0.5	--	<0.5	--	<0.5	<0.5	<0.5	<0.5	--
08/09/90	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	<0.5	0.71	<0.5	<0.5	--
11/13/90	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	1.0	<0.5	<0.5	--
05/15/91	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	0.5	<0.5	<0.5	--
08/27/91	<0.5	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	--
11/15/91	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	0.6	<0.5	<0.5	--
02/20/92	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--
06/15/92	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--
09/02/03	<1	<0.8	<0.8	<1	--	<0.8	<0.8	<0.8	<0.5	<1	<0.8	<2
03/29/04	<1	<0.8	<0.8	<1	--	<0.8	<0.8	<0.8	<0.8	<1	<0.8	<2
09/03/04	<1	<0.8	<0.8	<1	--	<0.8	<0.8	<0.8	<0.5	<1	<0.8	<2
03/02/05	<1	<0.8	<0.8	<1	--	<0.8	<0.8	<0.8	<0.5	<1	<0.5	<2

**Table 2**  
**Groundwater Analytical Results**  
Former Chevron Service Station #9-0020  
1633 Harrison Street  
Oakland, California

WELL ID/ DATE	Carbon Tet (ppb)	Chloroform (ppb)	PCE (ppb)	TCE (ppb)	1,2-DCE (ppb)	1,1,2-DCE (ppb)	1,1,1-DCE (ppb)	1,1,1-TCA (ppb)	1,2-DCA (ppb)	1,2-DCP (ppb)	1,1-DCE (ppb)	MC (ppb)
<b>MW-9 (cont)</b>												
09/22/05	<1	<0.8	<0.8	<1	--	<0.8	<0.8	<0.8	<0.5	<1	<0.8	<2
<b>MW-13</b>												
11/15/91 <sup>3</sup>	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--
02/20/92	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--
06/15/92	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--
09/02/03	<1	<0.8	<0.8	<1	--	<0.8	<0.8	<0.8	<0.5	<1	<0.8	<2
03/29/04	<1	<0.8	<0.8	<1	--	<0.8	<0.8	<0.8	<0.5	<1	<0.8	<2
09/03/04	<1	<0.8	<0.8	<1	--	<0.8	<0.8	<0.8	<0.5	<1	<0.8	<2
03/02/05	<1	<0.8	<0.8	<1	--	<0.8	<0.8	<0.8	<0.5	<1	<0.8	<2
09/22/05	<1	<0.8	<0.8	<1	--	<0.8	<0.8	<0.8	<0.5	<1	<0.8	<2
<b>MW-15</b>												
09/02/03	<1	<0.8	<0.8	<1	--	<0.8	<0.8	<0.8	<0.5	<1	<0.8	<2
03/29/04	<1	<0.8	<0.8	<1	--	<0.8	<0.8	<0.8	<0.5	<1	<0.8	<2
09/03/04	<1	<0.8	<0.8	<1	--	<0.8	<0.8	<0.8	<0.5	<1	<0.8	<2
03/02/05	<1	<0.8	<0.8	<1	--	<0.8	<0.8	<0.8	<0.5	<1	<0.8	<2
09/22/05	<1	<0.8	<0.8	<1	--	<0.8	<0.8	<0.8	<0.5	<1	<0.8	<2
<b>MW-16</b>												
09/03/04	<1	<0.8	<0.8	<1	--	<0.8	<0.8	<0.8	<0.5	<1	<0.8	<2
03/02/05	<3	<2	<2	<3	--	<2	<2	<2	<1	<3	<2	<5
09/22/05	<5	<4	<4	<5	--	<4	<4	<4	<3	<5	<4	<10
<b>MW-1</b>												
11/03/88	18	7.0	<1.0	<1.0	--	<1.0	--	<1.0	<1.0	--	--	--
02/10/89	17	6.0	<0.2	<0.2	--	<0.2	<0.2	<0.2	<0.2	--	--	--
04/24/89	16	6.0	<1.0	<1.0	<1.0	--	--	<1.0	<1.0	--	--	--
07/28/89	20	6.4	<0.1	<0.1	--	<0.1	<0.1	0.3	<0.1	--	--	--
10/30/89	11	4.9	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	--	--	--

**Table 2**  
**Groundwater Analytical Results**  
Former Chevron Service Station #9-0020  
1633 Harrison Street  
Oakland, California

WELL ID/ DATE	Carbon Tet (ppb)	Chloroform (ppb)	PCE (ppb)	TCE (ppb)	1,2-DCE (ppb)	t-1,2-DCE (ppb)	e-1,2-DCE (ppb)	1,1,1-TCA (ppb)	1,2-DCA (ppb)	1,2-DCP (ppb)	1,1-DCE (ppb)	MC (ppb)
<b>MW-1 (cont)</b>												
01/09/90	24	7.2	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	--	--	--
04/18/90	23	5.5	<0.5	<0.5	<0.5	--	--	1.4	<0.5	<0.5	<0.5	--
08/09/90	32	11	0.7	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	--
11/13/90	24	7.0	60.7	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--
05/15/91	15	5.0	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--
08/27/91	18	4.2	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	--
11/15/91	21	7.9	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--
02/20/92	24	7.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--
06/15/92	10	3.2	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--
ABANDONED												
<b>MW-2</b>												
11/03/88	3.0	2.0	34	3.0	--	10	--	<1.0	<1.0	--	--	--
02/10/89	1.4	1.0	17.2	<0.2	--	<0.2	6.3	<0.2	<0.2	--	--	--
04/24/89	2.0	2.0	38	3.0	9.0	--	--	<1.0	<1.0	--	--	--
07/28/89	3.7	2.0	46	2.6	--	<0.2	<0.2	<0.2	<0.2	--	--	--
10/30/89	1.4	2.6	53	1.1	14	--	--	<0.5	<0.5	--	--	--
01/09/90	3.6	3.9	78	5.3	16	--	--	<0.5	<0.5	--	--	--
04/18/90	1.5	2.7	130	3.9	19	--	--	<0.5	<0.5	<0.5	<0.5	--
08/09/90	2.1	2.1	74	6.1	15	--	--	<0.5	<0.5	<0.5	<0.5	--
11/13/90	<0.5	2.0	40	4.0	--	<0.5	10	<0.5	<0.5	<0.5	<0.5	--
05/15/91	2.0	2.0	56	6.0	--	<0.5	15	<0.5	<0.5	<0.5	<0.5	--
08/27/91	1.1	0.9	46	3.9	--	--	8.0	<0.5	<0.5	<0.5	<0.5	--
11/15/91	0.6	1.1	58	3.1	--	<0.5	6.3	<0.5	<0.5	<0.5	<0.5	--
02/20/92	11	<2.5	62	3.1	--	<2.5	4.3	<2.5	<2.5	<2.5	<2.5	--
06/15/92	<0.5	1.2	45	3.1	--	<0.5	4.8	<0.5	<0.5	<0.5	<0.5	--
ABANDONED												
<b>MW-3</b>												
11/03/88	8.0	6.0	84	3.0	--	5.0	--	<1.0	<1.0	--	--	--
02/10/89	5.8	4.0	53	1.9	--	<0.2	9.0	<0.2	<0.2	--	--	--
04/24/89	7.0	6.0	110	3.0	11	--	--	<1.0	<1.0	--	--	--
07/28/89	8.6	5.0	49	2.1	--	<0.2	11	<0.2	<0.1	--	--	--
10/30/89	5.6	5.3	62	0.7	8.2	--	--	<0.5	<0.5	--	--	--
01/09/90	8.6	6.1	81	73.8	8.7	--	--	<0.5	<0.5	--	--	--
04/18/90	7.6	5.8	120	2.4	11	--	--	<0.5	<0.5	<0.5	<0.5	--

**Table 2**  
**Groundwater Analytical Results**  
Former Chevron Service Station #9-0020  
1633 Harrison Street  
Oakland, California

WELL ID/ DATE	Carbon Tet (ppb)	Chloroform (ppb)	PCE (ppb)	TCE (ppb)	1,2-DCE (ppb)	(-)-1,2-DCE (ppb)	(+)-1,2-DCE (ppb)	1,1,1-TCA (ppb)	1,2-DCA (ppb)	1,2-DCP (ppb)	1,1-DCE (ppb)	MC (ppb)
<b>MW-3 (cont)</b>												
08/09/90	11	6.7	81	5.1	11	--	--	<0.5	<0.5	<0.5	<0.5	--
11/13/90	7.0	5.0	43	4.0	--	<0.5	9.0	<0.5	<0.5	<0.5	<0.5	--
05/15/91	6.0	4.0	46	3.0	--	<0.5	8.0	<0.5	<0.5	<0.5	<0.5	--
08/27/01 <sup>1</sup>	5.5	3.8	43	2.6	--	--	8.1	<0.5	<0.5	<0.5	<0.5	--
11/15/91	6.3	5.0	67	3.4	--	0.8	7.4	0.9	<0.5	<0.5	<0.5	--
02/20/92	2.8	4.0	96	3.0	--	<2.5	6.1	<2.5	<2.5	<2.5	<2.5	--
06/15/92	5.0	3.9	86	2.9	--	<0.5	7.5	<0.5	<0.5	<0.5	<0.5	--
ABANDONED												
<b>MW-4</b>												
04/24/89	35	11	<1.0	<1.0	<1.0	--	--	<1.0	<1.0	--	--	--
07/28/89	32	9.3	<0.1	<0.1	--	<0.1	<0.1	<0.1	<0.1	--	--	--
10/30/89	32	8.5	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	--	--	--
01/09/90	36	9.8	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	--
04/18/90	41	9.5	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	--
08/09/90	38	11	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	--
11/13/90	40	11	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--
05/15/91	35	10	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--
08/27/91	28	6.1	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	--
11/15/91	23	9.1	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--
02/20/92	400	140	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--
06/15/92	38	11	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--
ABANDONED												
<b>MW-5</b>												
04/24/89	4.0	5.0	4.0	<1.0	2.0	--	--	<1.0	<1.0	--	--	--
07/28/89	5.6	4.0	5.3	0.3	--	<0.2	2.3	0.5	<0.2	--	--	--
10/30/89	2.9	2.0	2.7	<0.5	0.86	--	--	<0.5	<0.5	--	--	--
01/09/90	8.2	4.6	7.8	0.6	3.1	--	--	<0.5	<0.5	--	--	--
04/18/90	6.3	2.8	2.6	<0.5	1.7	--	--	<0.5	<0.5	<0.5	<0.5	--
08/09/90	11	4.8	6.0	<0.5	2.3	--	--	<0.5	<0.5	<0.5	<0.5	--
11/13/90	7.0	3.0	5.0	<0.5	--	<0.5	1	<0.5	<0.5	<0.5	<0.5	--
05/15/91	4.0	2.0	3.0	<0.5	--	<0.5	0.8	<0.5	<0.5	<0.5	<0.5	--
08/27/91	3.3	1.1	2.3	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	--
11/15/91	5.7	2.8	5.5	<0.5	--	<0.5	1.7	<0.5	<0.5	<0.5	<0.5	--
02/20/92	4.0	2.0	3.9	<0.5	--	<0.5	0.7	<0.5	<0.5	<0.5	<0.5	--



**Table 2**  
**Groundwater Analytical Results**  
Former Chevron Service Station #9-0020  
1633 Harrison Street  
Oakland, California

WELL ID/ DATE	Carbon Tet (ppb)	Chloroform (ppb)	PCE (ppb)	TCE (ppb)	1, 2,-DCE (ppb)	t-1, 2-DCE (ppb)	c-1, 2-DCE (ppb)	1, 1, 1-TCA (ppb)	1,2-DCA (ppb)	1,2-DCP (ppb)	1,1-DCE (ppb)	MC (ppb)
<b>MW-5 (cont)</b>												
06/15/92	4.0	2.0	5.0	<0.5	--	<0.5	1.4	<0.5	<0.5	<0.5	<0.5	--
ABANDONED												
<b>MW-6</b>												
04/24/89	13	7.0	<1.0	<1.0	<1.0	--	--	<1.0	<1.0	--	--	--
07/28/89	9.6	4.0	<0.2	<0.2	--	<0.2	<0.2	0.5	0.6	--	--	--
10/30/89	8.2	3.6	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	--	--	--
01/09/90	10	4.2	<0.5	<0.5	<0.5	--	--	<0.5	1.8	--	--	--
04/18/90	11	3.8	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	--
08/09/90	20	6.6	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	--
11/13/90	15	5.0	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--
05/15/91	11	4.0	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--
08/27/91	8.0	2.2	2.4	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	--
11/15/91	13	5.4	<0.5	<0.5	--	<0.5	<0.5	<0.5	0.8	<0.5	<0.5	--
02/20/92	11	4.0	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--
06/15/92	9.6	4.2	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--
ABANDONED												
<b>MW-8</b>												
04/24/89	2.0	3.0	6.0	<1.0	4.0	--	--	<1.0	<1.0	--	--	--
04/24/89	2.0	2.0	6.0	<1.0	3.0	--	--	<1.0	<1.0	--	--	--
07/28/89	2.3	2.0	5.6	<0.2	--	<0.2	3.8	<0.2	<0.2	--	--	--
10/30/89	2.5	2.6	8.0	<0.5	5.5	--	--	<0.5	<0.5	--	--	--
01/09/90	4.9	3.9	19	0.9	6.6	--	--	<0.5	<0.5	--	--	--
04/18/90	3.8	2.8	17	0.6	5.7	--	--	<0.5	<0.5	<0.5	<0.5	--
08/09/90	5.3	4.4	27	1.2	9.2	--	--	<0.5	<0.5	<0.5	<0.5	--
11/13/90	3.0	2.0	21	0.7	--	<0.5	6.0	<0.5	<0.5	<0.5	<0.5	--
05/15/91	2.0	2.0	30	0.9	--	<0.5	6.0	<0.5	<0.5	<0.5	<0.5	--
08/27/91	1.4	1.1	32	1.0	--	--	4.7	<0.5	<0.5	<0.5	<0.5	--
11/15/91	1.5	1.9	50	<0.5	--	<0.5	5.8	<0.5	<0.5	2.0	2.0	--
02/20/92	1.3	2.3	68	2.4	--	<0.5	7.6	<0.5	<0.5	<0.5	<0.5	--
06/15/92	0.7	1.9	46	1.6	--	<0.5	5.6	<0.5	--	<0.5	<0.5	--
ABANDONED												
<b>MW-10</b>												
06/22/90	9.6	8.9	<0.5	<0.5	--	<0.5	--	<0.5	<0.5	<0.5	<0.5	--
08/09/90	11	7.8	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	--

**Table 2**  
**Groundwater Analytical Results**  
Former Chevron Service Station #9-0020  
1633 Harrison Street  
Oakland, California

WELL ID/ DATE	Carbon Tet (ppb)	Chloroform (ppb)	PCE (ppb)	TCE (ppb)	1, 2, -DCE (ppb)	t-1, 2-DCE (ppb)	c-1, 2-DCE (ppb)	1, 1, 1-TCA (ppb)	1,2-DCA (ppb)	1,2-DCP (ppb)	1,1-DCE (ppb)	MC (ppb)
<b>MW-10 (cont)</b>												
11/13/90	5.0	4.0	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--
05/15/91	5.0	4.0	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--
08/27/91	6.9	3.4	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	--
11/15/91	2.7	3.3	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--
02/20/92	3.3	3.4	3.0	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--
06/15/92	4.5	2.9	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--
ABANDONED												
<b>MW-11</b>												
06/22/90	4.6	6.5	73	1.3	--	<0.5	8.9	<0.5	<0.5	<0.5	<0.5	--
08/09/90	8.1	6.8	84	2.0	4.6	--	--	<0.5	<0.5	<0.5	<0.5	--
11/13/90	<0.5	<0.5	39	<0.5	--	<0.5	2.0	5	<0.5	<0.5	<0.5	--
05/15/91	1.0	3.0	7	0.5	--	<0.5	2.0	<0.5	<0.5	<0.5	<0.5	--
08/27/91	4.1	3.3	73	1.0	--	--	2.4	<0.5	<0.5	<0.5	<0.5	--
11/15/91	3.3	3.6	64	0.9	--	<0.5	2.3	<0.5	<0.5	<0.5	<0.5	--
02/20/92	<2.5	<2.5	62	<2.5	--	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	--
06/15/92	--	--	--	--	--	--	--	--	--	--	--	--
ABANDONED												
<b>MW-12</b>												
06/22/90	6.0	7.3	7.4	<0.5	--	<0.5	13	<0.5	<0.5	<0.5	<0.5	--
08/09/90	8.0	7.0	6.7	<0.5	5.8	--	--	<0.5	<0.5	<0.5	<0.5	--
11/13/90	<0.5	<0.5	9.0	<0.5	--	<0.5	3.0	3.0	<0.5	<0.5	<0.5	--
05/15/91	4.0	4.0	10	<0.5	--	<0.5	3.0	<0.5	<0.5	<0.5	<0.5	--
08/27/91	3.1	2.6	10	<0.5	--	--	2.3	<0.5	<0.5	<0.5	<0.5	--
11/15/91	1.9	3.5	8.9	<0.5	--	<0.5	5.9	<0.5	<0.5	<0.5	<0.5	--
02/20/92	3.3	3.4	3.7	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--
06/15/92	2.2	3.7	13	<0.5	--	<0.5	4.5	<0.5	<0.5	<0.5	<0.5	--
ABANDONED												
<b>MW-14</b>												
11/15/91	<0.5	5.5	33	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--
02/20/92	<0.5	4.3	38	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--
06/15/92	--	--	--	--	--	--	--	--	--	--	--	--
ABANDONED												

**Table 2**  
**Groundwater Analytical Results**  
Former Chevron Service Station #9-0020  
1633 Harrison Street  
Oakland, California

WELL ID/ DATE	Carbon Tet (ppb)	Chloroform (ppb)	PCE (ppb)	TCE (ppb)	1,2-DCE (ppb)	t-1,2-DCE (ppb)	c-1,2-DCE (ppb)	1,1,1-TCA (ppb)	1,2-DCA (ppb)	1,2-DCP (ppb)	1,1-DCE (ppb)	MC (ppb)
<b>TRIP BLANK</b>												
11/03/88	<1.0	<1.0	<1.0	<1.0	--	<1.0	--	<1.0	<1.0	--	--	--
02/10/89	<0.1	<0.5	<0.1	<0.1	--	<0.1	<0.1	<0.1	<0.1	--	--	--
04/24/89	<1.0	<1.0	<1.0	<1.0	<1.0	--	--	<1.0	<1.0	--	--	--
07/28/89	<0.1	<0.5	<0.1	<0.5	<0.1	--	<0.1	<0.1	<0.1	--	--	--
10/30/89	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	--	--	--
01/09/90	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	--	--	--
04/18/90	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	--
06/22/90	<0.5	<0.5	<0.5	<0.5	--	<0.5	--	<0.5	<0.5	<0.5	<0.5	--
08/09/90	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	--
11/13/90	<0.5	0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--
05/15/91	--	--	--	--	--	--	--	--	--	--	--	--
08/27/91	--	--	--	--	--	--	--	--	--	--	--	--
11/15/91	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--
02/20/92	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--
06/15/92	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--

**Table 2**  
**Groundwater Analytical Results**  
Former Chevron Service Station #9-0020  
1633 Harrison Street  
Oakland, California

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**EXPLANATIONS:**

Groundwater analytical results prior to September 2, 2003, were compiled from reports prepared by Blaine Tech Services, Inc.

Carbon Tet = Carbon Tetrachloride

PCE = Tetrachloroethene

TCE = Trichloroethene

1,2-DCE = 1,2-Dichloroethene

t-1,2-DCE = trans-1,2-Dichloroethene

c-1,2-DCE = cis-1,2-Dichloroethene

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

1,2-DCA = 1,2-Dichloroethane

1,2-DCP = 1,2-Dichloropropane

1,1-DCE = 1,1-Dichloroethene

MC = Methylene chloride

-- = Not Analyzed

- <sup>1</sup> 1,1-DCE was detected at 1.3 ppb, 1,1-DCA was detected at 0.5 and Chlorobenzene was detected at 0.7 ppb.
- <sup>2</sup> 2-butanone was detected at 160 ppb and Acetone was detected at 5.0 ppb.
- <sup>3</sup> 1,1-DCA was detected at 0.6 ppb.

**NOTE:** All other HVOCs by EPA Method 8260 were not detected unless noted above.

**Table 3**  
**Groundwater Analytical Results - Oxygenate Compounds**  
Former Chevron Service Station #9-0020  
1633 Harrison Street  
Oakland, California

WELL ID	DATE	ETHANOL (ppb)	TBA (ppb)	MTBE (ppb)	DIPE (ppb)	ETBE (ppb)	TAME (ppb)	EDB (ppb)
MW-7	09/02/03	<50	<5	<0.5	<0.5	<0.5	<0.8	<1
	03/29/04	<50	9	1	<0.5	<0.5	<0.5	2
	09/03/04	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5
	03/02/05	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5
	09/22/05	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5
MW-9	09/02/03	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5
	03/29/04	<50	<5	0.8	<0.5	<0.5	<0.5	<0.5
	09/03/04	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5
	03/02/05	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5
	09/22/05	<50	12	<0.5	<0.5	<0.5	<0.5	<0.5
MW-13	09/02/03	<50	<5	<0.5	<0.5	<0.5	<0.5	<5
	03/29/04	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5
	09/03/04	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5
	03/02/05	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5
	09/22/05	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5
MW-15	09/02/03	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5
	03/29/04	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5
	09/03/04	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5
	03/02/05	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5
	09/22/05	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5
MW-16	09/03/04	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5
	03/02/05	<130	<13	<1	<1	<1	<1	<1
	09/22/05	<250	<25	<3	<3	<3	<3	<3

**Table 3**  
**Groundwater Analytical Results - Oxygenate Compounds**  
Former Chevron Service Station #9-0020  
1633 Harrison Street  
Oakland, California

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**EXPLANATIONS:**

TBA = Tertiary butyl alcohol  
MTBE = Methyl tertiary butyl ether  
DIPE = Di-isopropyl ether  
ETBE = Ethyl tertiary butyl ether  
TAME = Tertiary amyl methyl ether  
EDB = 1,2-Dibromoethane  
(ppb) = Parts per billion

**ANALYTICAL METHODS:**

EPA Method 8260 for Oxygenate Compounds

## STANDARD OPERATING PROCEDURE - GROUNDWATER SAMPLING

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

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

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

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

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

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

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



# GETTLER-RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-0020 Job Number: 386499  
 Site Address: 1633 Harrison Street Event Date: 9.22.05 (inclusive)  
 City: Oakland, CA Sampler: FT

Well ID: MW-7 Date Monitored: 9.22.05 Well Condition: OK  
 Well Diameter: 2 1/4 in.  
 Total Depth: 26.52 ft.  
 Depth to Water: 19.88 ft.  
7.64 xVF .66 = 5.04 x3 case volume = Estimated Purge Volume: 15.0 gal.

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

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

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

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

Start Time (purge): 1152 Weather Conditions: SUNNY  
 Sample Time/Date: 1210 9.22.05 Water Color: CLEAR Odor: Yes  
 Purging Flow Rate: / gpm. Sediment Description: \_\_\_\_\_  
 Did well de-water? Yes If yes, Time: 1158 Volume: 5.0 gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (°F)	D.O. (mg/L)	ORP (mV)
<u>1158</u>	<u>5.0</u>	<u>6.84</u>	<u>197</u>	<u>22.6</u>	_____	_____
_____	<u>10.0</u>	_____	_____	_____	_____	_____
_____	<u>15.0</u>	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-7</u>	<u>6</u> x voa vial	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-G(8015)/BTEX+MTBE(8260)/ 8 OXYS(8260)</u>
	<u>3</u> x voa vial	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>HVOC'S(8010 LIST)8260</u>

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

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





# GETTLER-RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-0020 Job Number: 386499  
 Site Address: 1633 Harrison Street Event Date: 9.22.05 (inclusive)  
 City: Oakland, CA Sampler: FT

Well ID: MW-9 Date Monitored: 9.22.05 Well Condition: OK  
 Well Diameter: 2 1/4 in. Total Depth: 24.16 ft.  
 Depth to Water: 19.01 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

 xVF .17 = .87 x3 case volume= Estimated Purge Volume: 2.5 gal.

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

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

Time Started: \_\_\_\_\_ (2400 hrs)  
 Time Completed: \_\_\_\_\_ (2400 hrs)  
 Depth to Product: \_\_\_\_\_ ft  
 Depth to Water: \_\_\_\_\_ ft  
 Hydrocarbon Thickness: \_\_\_\_\_ 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): 1339 Weather Conditions: SUNNY  
 Sample Time/Date: 1354 / 9.22.05 Water Color: CLEAN Odor: YES  
 Purging Flow Rate: 1 gpm. Sediment Description: \_\_\_\_\_  
 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>1342</u>	<u>.75</u>	<u>6.75</u>	<u>250</u>	<u>22.1</u>	_____	_____
<u>1345</u>	<u>1.5</u>	<u>6.70</u>	<u>247</u>	<u>21.8</u>	_____	_____
<u>1348</u>	<u>2.5</u>	<u>6.67</u>	<u>243</u>	<u>21.4</u>	_____	_____
_____	_____	_____	_____	_____	_____	_____

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-9</u>	<u>6</u> x voa vial	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-G(8015)/BTEX+MTBE(8260)/ 8 OXYS(8260)</u>
	<u>3</u> x voa vial	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>HVOC'S(8010 LIST)8260</u>
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

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

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



# GETTLER-RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-0020 Job Number: 386499  
 Site Address: 1633 Harrison Street Event Date: 9.22.05 (inclusive)  
 City: Oakland, CA Sampler: FT

Well ID: MW-13 Date Monitored: 9.22.05 Well Condition: MONITORING 12' out  
2 STUMPED FLANGES  
 Well Diameter: 2 1/4 in.  
 Total Depth: 26.68 ft.  
 Depth to Water: 19.29 ft.  
7.39 xVF .17 = 1.25 x3 case volume = Estimated Purge Volume: 4.0 gal.

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

### Purge Equipment:

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

### Sampling Equipment:

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

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

Start Time (purge): 1310 Weather Conditions: SUNNY  
 Sample Time/Date: 1326 9.22.05 Water Color: CLEAR Odor: NO  
 Purging Flow Rate: 1 gpm. Sediment Description: \_\_\_\_\_  
 Did well de-water? NO If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (u mhos/cm)	Temperature (°F)	D.O. (mg/L)	ORP (mV)
<u>1314</u>	<u>1.5</u>	<u>7.06</u>	<u>237</u>	<u>20.3</u>		
<u>1318</u>	<u>3.0</u>	<u>6.99</u>	<u>229</u>	<u>19.9</u>		
<u>1321</u>	<u>4.0</u>	<u>6.91</u>	<u>224</u>	<u>19.6</u>		

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-13</u>	<u>6</u> x vva vial	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-G(8015)/BTEX+MTBE(8260) 8 OXYS(8260)</u>
	<u>3</u> x vva vial	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>HVOC'S(8010 LIST)8260</u>

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

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



# GETTLER-RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-0020 Job Number: 386499  
 Site Address: 1633 Harrison Street Event Date: 9.22.05 (inclusive)  
 City: Oakland, CA Sampler: FT

Well ID: MW-15 Date Monitored: 9.22.05 Well Condition: UNIVERSAL 12" Box  
2 STAPPED FLANGES  
 Well Diameter: 2 1/4 in.  
 Total Depth: 26.32 ft.  
 Depth to Water: 18.85 ft.  
7.47 xVF .17 = 1.26 x3 case volume = Estimated Purge Volume: 4.0 gal.

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

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

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

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

Start Time (purge): 1246 Weather Conditions: SUNNY  
 Sample Time/Date: 1300 / 9.22.05 Water Color: CLEAR Odor: No  
 Purging Flow Rate: 1 gpm. Sediment Description: \_\_\_\_\_  
 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>1249</u>	<u>1.5</u>	<u>6.99</u>	<u>227</u>	<u>20.2</u>	_____	_____
<u>1252</u>	<u>3.0</u>	<u>6.90</u>	<u>219</u>	<u>19.9</u>	_____	_____
<u>1255</u>	<u>4.0</u>	<u>6.85</u>	<u>216</u>	<u>15.4</u>	_____	_____
_____	_____	_____	_____	_____	_____	_____

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-15</u>	<u>6</u> x voa vial	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-G(8015)/BTEX+MTBE(8260)/</u> <u>8 OXYS(8260)</u>
	<u>3</u> x voa vial	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>HVOC'S(8010 LIST)8260</u>

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

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

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



# GETTLER - RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-0020  
 Site Address: 1633 Harrison Street  
 City: Oakland, CA

Job Number: 386499  
 Event Date: 9.22.05 (inclusive)  
 Sampler: FT

Well ID: MW-16  
 Well Diameter: 2 1/4 in.  
 Total Depth: 25.46 ft.  
 Depth to Water: 19.41 ft.  
6.05 xVF .17 = 1.02 x3 case volume = Estimated Purge Volume: 3.0 gal.

Date Monitored: 9.22.05 Well Condition: OK

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

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

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

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

Start Time (purge): 1406 Weather Conditions: SUNNY  
 Sample Time/Date: 1424 9.22.05 Water Color: CLEAR Odor: YES  
 Purging Flow Rate: 1 gpm. Sediment Description: \_\_\_\_\_  
 Did well de-water? NO If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (u mhos/cm)	Temperature (°F)	D.O. (mg/L)	ORP (mV)
<u>1409</u>	<u>1.0</u>	<u>6.81</u>	<u>312</u>	<u>20.8</u>	_____	_____
<u>1412</u>	<u>2.0</u>	<u>6.77</u>	<u>304</u>	<u>20.1</u>	_____	_____
<u>1415</u>	<u>3.0</u>	<u>6.75</u>	<u>299</u>	<u>19.8</u>	_____	_____
_____	_____	_____	_____	_____	_____	_____

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-16</u>	<u>6</u> x vov vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8260)/ 8 OXYS(8260)
	<u>3</u> x vov vial	YES	HCL	LANCASTER	HVOC'S(8010 LIST)8260

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

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

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

# Chevron California Region Analysis Request/Chain of Custody



092605-03

For Lancaster Laboratories use only  
 Acct. # 0904 Sample #: 4611036-41

SCR#: Group# 980726

Facility #: SS#9-0020-OML G-R#386499 Global ID#T0600100304  
 Site Address: 1639 HARRISON STREET, OAKLAND, CA  
 Chevron PM: MI Lead Consultant: CAMBRIARF  
 Consultant/Office: G-R, Inc., 6747 Sierra Court, Suite J, Dublin, Ca. 94568  
 Consultant Prj. Mgr.: Deanna L. Harding (deanna@grinc.com)  
 Consultant Phone #: 925-551-7555 Fax #: 925-551-7899  
 Sampler: FRANK TEKLINSON  
 Service Order #:           Non SAR:         

Matrix	Analyses Requested									
	Preservation Codes									
Soil Water Oil <input type="checkbox"/> Air <input type="checkbox"/>	Total Number of Containers	H	H			H	H			
		<input type="checkbox"/> Potable <input type="checkbox"/> NPDES	BTEX + MTBE 8260 <input type="checkbox"/> 8260							
	TPH 8015 MOD GRO									
	TPH 8015 MOD DRG <input type="checkbox"/> Silica Gel Cleanup									
	8260 full scan									
	8 Oxygenates (8260)									
	Lead 7420 <input type="checkbox"/> 7421									
	NUOCS (8010) <u>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	BTEX + MTBE 8260	TPH 8015 MOD GRO	TPH 8015 MOD DRG	8260 full scan	8 Oxygenates (8260)	Lead 7420	7421	NUOCS (8010)
QA	9-22-05								2	X	X						
MW-7		1210	X						9	X	X			X			X
MW-9		1354	X						9	X	X			X			X
MW-13		1326	X						9	X	X			X			X
MW-15		1308	X						9	X	X			X			X
MW-16		1424	X						9	X	X			X			X

**Comments / Remarks**

**Turnaround Time Requested (TAT) (please circle)**  
 STD. TAT 24 hour    72 hour    48 hour  
 4 day    5 day

**Data Package Options (please circle if required)**  
 QC Summary    Type I — Full  
 Type VI (Raw Data)     Coalt Deliverable not needed **EDF/EDD**  
 WIP (RWQCB)  
 Disk

Relinquished by: <u>Frank Teklinson</u>	Date: <u>9-22-05</u>	Time: <u>        </u>	Received by: <u>DVano</u>	Date: <u>9/24/05</u>	Time: <u>        </u>
Relinquished by: <u>DVano</u>	Date: <u>9/24/05</u>	Time: <u>        </u>	Received by: <u>Elizabeth Luchinska</u>	Date: <u>9/24/05</u>	Time: <u>12:10</u>
Relinquished by: <u>Andrew Luchinska</u>	Date: <u>9/24/05</u>	Time: <u>1530</u>	Received by: <u>FedEx</u>	Date: <u>9/26/05</u>	Time: <u>        </u>
Relinquished by Commercial Carrier: <u>FedEx</u>	UPS <input checked="" type="radio"/> FedEx    Other <u>        </u>		Received by: <u>J. O'Neil</u>	Date: <u>9/27/05</u>	Time: <u>0855</u>
Temperature Upon Receipt <u>19.2, 5.0, 3.1</u>			Custody Seals Intact? <input checked="" type="radio"/> Yes <input type="radio"/> No		



# Analysis Report

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

## ANALYTICAL RESULTS

Prepared for:

RECEIVED

ChevronTexaco  
6001 Bollinger Canyon Rd L4310  
San Ramon CA 94583

925-842-8582

GENERAL CHEMISTRY

Prepared by:

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

## SAMPLE GROUP

The sample group for this submittal is 960726. Samples arrived at the laboratory on Tuesday, September 27, 2005. The PO# for this group is 99011184 and the release number is INGLIS.

### Client Description

Client Description	NA	Water
QA-T-050922		
MW-7-W-050922	Grab	Water
MW-9-W-050922	Grab	Water
MW-13-W-050922	Grab	Water
MW-15-W-050922	Grab	Water
MW-16-W-050922	Grab	Water

### Lancaster Labs Number

4611036  
4611037  
4611038  
4611039  
4611040  
4611041

1 COPY TO  
ELECTRONIC  
COPY TO

Cambria C/O Gettler- Ryan  
Gettler-Ryan

Attn: Deanna L. Harding  
Attn: Cheryl Hansen



## **Analysis Report**

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • [www.lancasterlabs.com](http://www.lancasterlabs.com)

Questions? Contact your Client Services Representative  
Lynn M Frederiksen at (717) 656-2300

Respectfully Submitted,

*Michele M. Turner*

**Michele M. Turner**  
**Director**



# 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 4611036

QA-T-050922 NA Water  
Facility# 90020 Job# 386499 GRD  
1633 Harrison St-Oakland T0600100304 QA  
Collected: 09/22/2005

Account Number: 10904

Submitted: 09/27/2005 08:55  
Reported: 10/07/2005 at 10:21  
Discard: 11/07/2005

ChevronTexaco  
6001 Bollinger Canyon Rd L4310  
San Ramon CA 94583

HARQA

CAT No.	Analysis Name	CAS Number	As Received	As Received	Units	Dilution Factor
			Result	Method		
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	09/28/2005 15:06	K. Robert Caulfeild-James	1
06054	BTEX+MTBE by 8260B	SW-846 8260B	1	10/03/2005 23:38	Dawn M Harle	1
01146	GC VOA Water Prep	SW-846 5030B	1	09/28/2005 15:06	K. Robert Caulfeild-James	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	10/03/2005 23:38	Dawn M Harle	n.a.



Lancaster Laboratories Sample No. **WW 4611037**

 MW-7-W-050922                      Grab                      Water  
 Facility# 90020    Job# 386499                                      GRD  
 1633 Harrison St-Oakland T0600100304 MW-7  
 Collected: 09/22/2005 12:10                      by FT

Account Number: 10904

 Submitted: 09/27/2005 08:55  
 Reported: 10/07/2005 at 10:21  
 Discard: 11/07/2005

 ChevronTexaco  
 6001 Bollinger Canyon Rd L4310  
 San Ramon CA 94583

**HARM7**

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	490.	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.					
05382	EPA SW846/8260 (water)					
05385	Chloromethane	74-87-3	N.D.	1.	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.	1.	ug/l	1
05387	Bromomethane	74-83-9	N.D.	1.	ug/l	1
05388	Chloroethane	75-00-3	N.D.	1.	ug/l	1
05389	Trichlorofluoromethane	75-69-4	N.D.	2.	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.	0.8	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.	2.	ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	N.D.	0.8	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.	1.	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	N.D.	0.8	ug/l	1
05396	Chloroform	67-66-3	N.D.	0.8	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.	1.	ug/l	1
05401	Benzene	71-43-2	29.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	0.5	ug/l	1
05403	Trichloroethene	79-01-6	N.D.	1.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.	1.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.	1.	ug/l	1
05407	Toluene	108-88-3	5.	0.5	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.	0.8	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.	1.	ug/l	1
05412	1,2-Dibromoethane	106-93-4	N.D.	0.5	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.	0.8	ug/l	1
05415	Ethylbenzene	100-41-4	14.	0.5	ug/l	1
05416	m+p-Xylene	1330-20-7	4.	0.5	ug/l	1
05417	o-Xylene	95-47-6	0.9	0.5	ug/l	1
05419	Bromoform	75-25-2	N.D.	1.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.	ug/l	1
05432	1,3-Dichlorobenzene	541-73-1	N.D.	1.	ug/l	1
05433	1,4-Dichlorobenzene	106-46-7	N.D.	1.	ug/l	1
05435	1,2-Dichlorobenzene	95-50-1	N.D.	1.	ug/l	1

08202 EPA SW 846/8260 - Water

Lancaster Laboratories Sample No. **WW 4611037**

 MW-7-W-050922                      **Grab              Water**  
 Facility# 90020    Job# 386499                      **GRD**  
 1633 Harrison St-Oakland T0600100304 MW-7  
 Collected: 09/22/2005 12:10              by FT

Account Number: 10904

 Submitted: 09/27/2005 08:55  
 Reported: 10/07/2005 at 10:21  
 Discard: 11/07/2005

 ChevronTexaco  
 6001 Bollinger Canyon Rd L4310  
 San Ramon CA 94583

**HARM7**

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Units	Dilution Factor
				Method	Detection Limit		
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
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.		ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.		ug/l	1
08203	Freon 113	76-13-1	N.D.	2.		ug/l	1

Matrix QC was performed on this sample for the GC/MS volatile analysis.  
 Please see the attached QC summary report for compounds showing a matrix bias.

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	09/28/2005 18:58	K. Robert Caulfeild-James	1
05382	EPA SW846/8260 (water)	SW-846 8260B	1	10/03/2005 19:42	Kelly E Brickley	1
08202	EPA SW 846/8260 - Water	SW-846 8260B	1	10/03/2005 19:42	Kelly E Brickley	1
01146	GC VOA Water Prep	SW-846 5030B	1	09/28/2005 18:58	K. Robert Caulfeild-James	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	10/03/2005 19:42	Kelly E Brickley	n.a.

Lancaster Laboratories Sample No. **WW 4611038**

 MW-9-W-050922                      Grab              Water  
 Facility# 90020    Job# 386499                      GRD  
 1633 Harrison St-Oakland T0600100304 MW-9  
 Collected: 09/22/2005 13:54              by FT

Account Number: 10904

 Submitted: 09/27/2005 08:55  
 Reported: 10/07/2005 at 10:21  
 Discard: 11/07/2005

 ChevronTexaco  
 6001 Bollinger Canyon Rd L4310  
 San Ramon CA 94583

**HARM9**

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Units	Dilution Factor
				Method	Detection Limit		
01728	TPH-GRO - Waters	n.a.	690.		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.						
05382	EPA SW846/8260 (water)						
05385	Chloromethane	74-87-3	N.D.	1.		ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.	1.		ug/l	1
05387	Bromomethane	74-83-9	N.D.	1.		ug/l	1
05388	Chloroethane	75-00-3	N.D.	1.		ug/l	1
05389	Trichlorofluoromethane	75-69-4	N.D.	2.		ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.	0.8		ug/l	1
05391	Methylene Chloride	75-09-2	N.D.	2.		ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	N.D.	0.8		ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.	1.		ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	N.D.	0.8		ug/l	1
05396	Chloroform	67-66-3	N.D.	0.8		ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.	0.8		ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.	1.		ug/l	1
05401	Benzene	71-43-2	N.D.	0.5		ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	0.5		ug/l	1
05403	Trichloroethene	79-01-6	N.D.	1.		ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.	1.		ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.	1.		ug/l	1
05407	Toluene	108-88-3	N.D.	0.5		ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.8		ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.	0.8		ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.	1.		ug/l	1
05412	1,2-Dibromoethane	106-93-4	N.D.	0.5		ug/l	1
05413	Chlorobenzene	108-90-7	N.D.	0.8		ug/l	1
05415	Ethylbenzene	100-41-4	0.6	0.5		ug/l	1
05416	m+p-Xylene	1330-20-7	N.D.	0.5		ug/l	1
05417	o-Xylene	95-47-6	N.D.	0.5		ug/l	1
05419	Bromoform	75-25-2	N.D.	1.		ug/l	1
05421	1,1,1,2-Tetrachloroethane	79-34-5	N.D.	1.		ug/l	1
05432	1,3-Dichlorobenzene	541-73-1	N.D.	1.		ug/l	1
05433	1,4-Dichlorobenzene	106-46-7	N.D.	1.		ug/l	1
05435	1,2-Dichlorobenzene	95-50-1	N.D.	1.		ug/l	1
08202	EPA SW 846/8260 - Water						



# Analysis Report

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Page 2 of 2

Lancaster Laboratories Sample No. WW 4611038

MW-9-W-050922 Grab Water  
Facility# 90020 Job# 386499 GRD  
1633 Harrison St-Oakland T0600100304 MW-9  
Collected: 09/22/2005 13:54 by FT

Account Number: 10904

Submitted: 09/27/2005 08:55  
Reported: 10/07/2005 at 10:21  
Discard: 11/07/2005

ChevronTexaco  
6001 Bollinger Canyon Rd L4310  
San Ramon CA 94583

## HARM9

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Units	Dilution Factor
				Method	Detection Limit		
01587	Ethanol	64-17-5	N.D.	50.	50.	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	0.5	ug/l	1
02011	di-Isopropyl ether	108-20-3	N.D.	0.5	0.5	ug/l	1
02013	Ethyl t-butyl ether	637-92-3	N.D.	0.5	0.5	ug/l	1
02014	t-Amyl methyl ether	994-05-8	N.D.	0.5	0.5	ug/l	1
02015	t-Butyl alcohol	75-65-0	12.	5.	5.	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.	1.	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.	1.	ug/l	1
08203	Freon 113	76-13-1	N.D.	2.	2.	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	09/28/2005 20:25	K. Robert Caulfeild-James	1
05382	EPA SW846/8260 (water)	SW-846 8260B	1	10/03/2005 20:53	Kelly E Brickley	1
08202	EPA SW 846/8260 - Water	SW-846 8260B	1	10/03/2005 20:53	Kelly E Brickley	1
01146	GC VOA Water Prep	SW-846 5030B	1	09/28/2005 20:25	K. Robert Caulfeild-James	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	10/03/2005 20:53	Kelly E Brickley	n.a.

Lancaster Laboratories Sample No. **WW 4611039**

 MW-13-W-050922                      **Grab              Water**  
 Facility# 90020    Job# 386499                      **GRD**  
 1633 Harrison St-Oakland T0600100304 MW-13  
 Collected: 09/22/2005 13:26              by FT

Account Number: 10904

 Submitted: 09/27/2005 08:55  
 Reported: 10/07/2005 at 10:21  
 Discard: 11/07/2005

 ChevronTexaco  
 6001 Bollinger Canyon Rd L4310  
 San Ramon CA 94583

HAR13

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.					
05382	EPA SW846/8260 (water)					
05385	Chloromethane	74-87-3	N.D.	1.	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.	1.	ug/l	1
05387	Bromomethane	74-83-9	N.D.	1.	ug/l	1
05388	Chloroethane	75-00-3	N.D.	1.	ug/l	1
05389	Trichlorofluoromethane	75-69-4	N.D.	2.	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.	0.8	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.	2.	ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	N.D.	0.8	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.	1.	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	N.D.	0.8	ug/l	1
05396	Chloroform	67-66-3	N.D.	0.8	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.	1.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	0.5	ug/l	1
05403	Trichloroethene	79-01-6	N.D.	1.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.	1.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.	1.	ug/l	1
05407	Toluene	108-88-3	N.D.	0.5	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.	0.8	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.	1.	ug/l	1
05412	1,2-Dibromoethane	106-93-4	N.D.	0.5	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.	0.8	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
05416	m+p-Xylene	1330-20-7	N.D.	0.5	ug/l	1
05417	o-Xylene	95-47-6	N.D.	0.5	ug/l	1
05419	Bromoform	75-25-2	N.D.	1.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.	ug/l	1
05432	1,3-Dichlorobenzene	541-73-1	N.D.	1.	ug/l	1
05433	1,4-Dichlorobenzene	106-46-7	N.D.	1.	ug/l	1
05435	1,2-Dichlorobenzene	95-50-1	N.D.	1.	ug/l	1
08202	EPA SW 846/8260 - Water					

Lancaster Laboratories Sample No. **WW 4611039**

MW-13-W-050922                      Grab                      Water  
 Facility# 90020    Job# 386499    GRD  
 1633 Harrison St-Oakland T0600100304 MW-13  
 Collected: 09/22/2005 13:26                      by FT

Account Number: 10904

Submitted: 09/27/2005 08:55  
 Reported: 10/07/2005 at 10:21  
 Discard: 11/07/2005

ChevronTexaco  
 6001 Bollinger Canyon Rd L4310  
 San Ramon CA 94583

HAR13

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Units	Dilution Factor
				Method	Detection Limit		
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
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.		1.	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.		1.	ug/l	1
08203	Freon 113	76-13-1	N.D.		2.	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	09/29/2005	13:27	K. Robert Caulfeild-James	1
05382	EPA SW846/8260 (water)	SW-846 8260B	1	10/03/2005	21:16	Kelly E Brickley	1
08202	EPA SW 846/8260 - Water	SW-846 8260B	1	10/03/2005	21:16	Kelly E Brickley	1
01146	GC VOA Water Prep	SW-846 5030B	1	09/29/2005	13:27	K. Robert Caulfeild-James	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	10/03/2005	21:16	Kelly E Brickley	n.a.

Lancaster Laboratories Sample No. WW 4611040

 MW-15-W-050922                      Grab                      Water  
 Facility# 90020    Job# 386499    GRD  
 1633 Harrison St-Oakland T0600100304    MW-15  
 Collected: 09/22/2005 13:00                      by FT

Account Number: 10904

 Submitted: 09/27/2005 08:55  
 Reported: 10/07/2005 at 10:21  
 Discard: 11/07/2005

 ChevronTexaco  
 6001 Bollinger Canyon Rd L4310  
 San Ramon CA 94583

HAR15

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.					
05382	EPA SW846/8260 (water)					
05385	Chloromethane	74-87-3	N.D.	1.	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.	1.	ug/l	1
05387	Bromomethane	74-83-9	N.D.	1.	ug/l	1
05388	Chloroethane	75-00-3	N.D.	1.	ug/l	1
05389	Trichlorofluoromethane	75-69-4	N.D.	2.	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.	0.8	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.	2.	ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	N.D.	0.8	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.	1.	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	N.D.	0.8	ug/l	1
05396	Chloroform	67-66-3	N.D.	0.8	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.	1.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	0.5	ug/l	1
05403	Trichloroethene	79-01-6	N.D.	1.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.	1.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.	1.	ug/l	1
05407	Toluene	108-88-3	N.D.	0.5	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.	0.8	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.	1.	ug/l	1
05412	1,2-Dibromoethane	106-93-4	N.D.	0.5	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.	0.8	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
05416	m+p-Xylene	1330-20-7	N.D.	0.5	ug/l	1
05417	o-Xylene	95-47-6	N.D.	0.5	ug/l	1
05419	Bromoform	75-25-2	N.D.	1.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.	ug/l	1
05432	1,3-Dichlorobenzene	541-73-1	N.D.	1.	ug/l	1
05433	1,4-Dichlorobenzene	106-46-7	N.D.	1.	ug/l	1
05435	1,2-Dichlorobenzene	95-50-1	N.D.	1.	ug/l	1
08202	EPA SW 846/8260 - Water					



# Analysis Report

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Lancaster Laboratories Sample No. **WW 4611040**

MW-15-W-050922                      Grab                      Water  
Facility# 90020    Job# 386499    GRD  
1633 Harrison St-Oakland T0600100304 MW-15  
Collected: 09/22/2005 13:00                      by FT

Account Number: 10904

Submitted: 09/27/2005 08:55  
Reported: 10/07/2005 at 10:21  
Discard: 11/07/2005

ChevronTexaco  
6001 Bollinger Canyon Rd L4310  
San Ramon CA 94583

HAR15

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Dilution Factor
				Method	Units	
01587	Ethanol	64-17-5	N.D.	Detection Limit 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
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.	ug/l	1
08203	Freon 113	76-13-1	N.D.	2.	ug/l	1

State of California Lab Certification No. 2116

## Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis		Analyst	Dilution Factor
				Date and Time			
01728	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	09/29/2005 13:56		K. Robert Caulfeild-James	1
05382	EPA SW846/8260 (water)	SW-846 8260B	1	10/03/2005 21:40		Kelly E Brickley	1
08202	EPA SW 846/8260 - Water	SW-846 8260B	1	10/03/2005 21:40		Kelly E Brickley	1
01146	GC VOA Water Prep	SW-846 5030B	1	09/29/2005 13:56		K. Robert Caulfeild-James	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	10/03/2005 21:40		Kelly E Brickley	n.a.



Lancaster Laboratories Sample No. WW 4611041

 MW-16-W-050922                      Grab                      Water  
 Facility# 90020    Job# 386499    GRD  
 1633 Harrison St-Oakland T0600100304 MW-16  
 Collected: 09/22/2005 14:24                      by FT

Account Number: 10904

 Submitted: 09/27/2005 08:55  
 Reported: 10/07/2005 at 10:21  
 Discard: 11/07/2005

 ChevronTexaco  
 6001 Bollinger Canyon Rd L4310  
 San Ramon CA 94583

HAR16

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	8,500.	250.	ug/l	5
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
05382	EPA SW846/8260 (water)					
05385	Chloromethane	74-87-3	N.D.	5.	ug/l	5
05386	Vinyl Chloride	75-01-4	N.D.	5.	ug/l	5
05387	Bromomethane	74-83-9	N.D.	5.	ug/l	5
05388	Chloroethane	75-00-3	N.D.	5.	ug/l	5
05389	Trichlorofluoromethane	75-69-4	N.D.	10.	ug/l	5
05390	1,1-Dichloroethene	75-35-4	N.D.	4.	ug/l	5
05391	Methylene Chloride	75-09-2	N.D.	10.	ug/l	5
05392	trans-1,2-Dichloroethene	156-60-5	N.D.	4.	ug/l	5
05393	1,1-Dichloroethane	75-34-3	N.D.	5.	ug/l	5
05395	cis-1,2-Dichloroethene	156-59-2	N.D.	4.	ug/l	5
05396	Chloroform	67-66-3	N.D.	4.	ug/l	5
05398	1,1,1-Trichloroethane	71-55-6	N.D.	4.	ug/l	5
05399	Carbon Tetrachloride	56-23-5	N.D.	5.	ug/l	5
05401	Benzene	71-43-2	60.	3.	ug/l	5
05402	1,2-Dichloroethane	107-06-2	N.D.	3.	ug/l	5
05403	Trichloroethene	79-01-6	N.D.	5.	ug/l	5
05404	1,2-Dichloropropane	78-87-5	N.D.	5.	ug/l	5
05406	Bromodichloromethane	75-27-4	N.D.	5.	ug/l	5
05407	Toluene	108-88-3	46.	3.	ug/l	5
05408	1,1,2-Trichloroethane	79-00-5	N.D.	4.	ug/l	5
05409	Tetrachloroethene	127-18-4	N.D.	4.	ug/l	5
05411	Dibromochloromethane	124-48-1	N.D.	5.	ug/l	5
05412	1,2-Dibromoethane	106-93-4	N.D.	3.	ug/l	5
05413	Chlorobenzene	108-90-7	N.D.	4.	ug/l	5
05415	Ethylbenzene	100-41-4	35.	3.	ug/l	5
05416	m+p-Xylene	1330-20-7	60.	3.	ug/l	5
05417	o-Xylene	95-47-6	4.	3.	ug/l	5
05419	Bromoform	75-25-2	N.D.	5.	ug/l	5
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	5.	ug/l	5
05432	1,3-Dichlorobenzene	541-73-1	N.D.	5.	ug/l	5
05433	1,4-Dichlorobenzene	106-46-7	N.D.	5.	ug/l	5
05435	1,2-Dichlorobenzene	95-50-1	N.D.	5.	ug/l	5
08202	EPA SW 846/8260 - Water					

Lancaster Laboratories Sample No. **WW 4611041**

 MW-16-W-050922                      Grab                      Water  
 Facility# 90020    Job# 386499                                      GRD  
 1633 Harrison St-Oakland T0600100304 MW-16  
 Collected: 09/22/2005 14:24                      by FT

Account Number: 10904

 Submitted: 09/27/2005 08:55  
 Reported: 10/07/2005 at 10:21  
 Discard: 11/07/2005

 ChevronTexaco  
 6001 Bollinger Canyon Rd L4310  
 San Ramon CA 94583

HAR16

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Dilution Factor
				Method	Detection Limit	
01587	Ethanol	64-17-5	N.D.	250.	ug/l	5
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	3.	ug/l	5
02011	di-Isopropyl ether	108-20-3	N.D.	3.	ug/l	5
02013	Ethyl t-butyl ether	637-92-3	N.D.	3.	ug/l	5
02014	t-Amyl methyl ether	994-05-8	N.D.	3.	ug/l	5
02015	t-Butyl alcohol	75-65-0	N.D.	25.	ug/l	5
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	5.	ug/l	5
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	5.	ug/l	5
08203	Freon 113	76-13-1	N.D.	10.	ug/l	5

The reporting limits for the GC/MS volatile compounds were raised due to the level of non-target compounds.

State of California Lab Certification No. 2116

### Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis		Analyst	Dilution Factor
				Date and Time			
01728	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	09/30/2005	00:36	K. Robert Caulfeild-James	5
05382	EPA SW846/8260 (water)	SW-846 8260B	1	10/03/2005	22:03	Kelly E Brickley	5
08202	EPA SW 846/8260 - Water	SW-846 8260B	1	10/03/2005	22:03	Kelly E Brickley	5
01146	GC VOA Water Prep	SW-846 5030B	1	09/30/2005	00:36	K. Robert Caulfeild-James	5
01163	GC/MS VOA Water Prep	SW-846 5030B	1	10/03/2005	22:03	Kelly E Brickley	n.a.

## Quality Control Summary

 Client Name: ChevronTexaco  
 Reported: 10/07/05 at 10:22 AM

Group Number: 960726

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: 05271A08A TPH-GRO - Waters	Sample number(s): 4611036-4611038 N.D.	50.	ug/l	119	117	70-130	1	30
Batch number: 05272A08A TPH-GRO - Waters	Sample number(s): 4611039-4611040 N.D.	50.	ug/l	114	119	70-130	4	30
Batch number: 05272A08B TPH-GRO - Waters	Sample number(s): 4611041 N.D.	50.	ug/l	114	119	70-130	4	30
Batch number: W052762AA	Sample number(s): 4611037-4611041							
Ethanol	N.D.	50.	ug/l	86		30-155		
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	99		77-127		
di-Isopropyl ether	N.D.	0.5	ug/l	88		67-130		
Ethyl t-butyl ether	N.D.	0.5	ug/l	93		74-120		
t-Amyl methyl ether	N.D.	0.5	ug/l	95		79-113		
t-Butyl alcohol	N.D.	5.	ug/l	95		60-133		
Chloromethane	N.D.	1.	ug/l	71		66-139		
Vinyl Chloride	N.D.	1.	ug/l	75		71-126		
Bromomethane	N.D.	1.	ug/l	79		62-131		
Chloroethane	N.D.	1.	ug/l	77		67-127		
Trichlorofluoromethane	N.D.	2.	ug/l	97		70-148		
1,1-Dichloroethene	N.D.	0.8	ug/l	101		79-130		
Methylene Chloride	N.D.	2.	ug/l	96		85-120		
trans-1,2-Dichloroethene	N.D.	0.8	ug/l	99		83-117		
1,1-Dichloroethane	N.D.	1.	ug/l	99		83-127		
cis-1,2-Dichloroethene	N.D.	0.8	ug/l	100		84-117		
Chloroform	N.D.	0.8	ug/l	103		86-124		
1,1,1-Trichloroethane	N.D.	0.8	ug/l	110		83-127		
Carbon Tetrachloride	N.D.	1.	ug/l	108		77-130		
Benzene	N.D.	0.5	ug/l	95		85-117		
1,2-Dichloroethane	N.D.	0.5	ug/l	108		77-132		
Trichloroethene	N.D.	1.	ug/l	101		87-117		
1,2-Dichloropropane	N.D.	1.	ug/l	90		80-117		
Bromodichloromethane	N.D.	1.	ug/l	100		83-121		
Toluene	N.D.	0.5	ug/l	90		85-115		
1,1,2-Trichloroethane	N.D.	0.8	ug/l	89		86-113		
Tetrachloroethene	N.D.	0.8	ug/l	96		74-125		
Dibromochloromethane	N.D.	1.	ug/l	90		78-119		
1,2-Dibromoethane	N.D.	0.5	ug/l	91		81-114		
Chlorobenzene	N.D.	0.8	ug/l	92		85-115		
Ethylbenzene	N.D.	0.5	ug/l	90		82-119		
m+p-Xylene	N.D.	0.5	ug/l	92		83-113		
o-Xylene	N.D.	0.5	ug/l	93		83-113		
Bromoform	N.D.	1.	ug/l	87		69-118		

\*. 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.

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### Laboratory Compliance Quality Control

<u>Analysis Name</u>	<u>Blank Result</u>	<u>Blank MDL</u>	<u>Report Units</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>LCS/LCSD Limits</u>	<u>RPD</u>	<u>RPD Max</u>
1,1,2,2-Tetrachloroethane	N.D.	1.	ug/l	82		72-119		
1,3-Dichlorobenzene	N.D.	1.	ug/l	91		81-114		
1,4-Dichlorobenzene	N.D.	1.	ug/l	92		84-116		
1,2-Dichlorobenzene	N.D.	1.	ug/l	92		81-112		
trans-1,3-Dichloropropene	N.D.	1.	ug/l	86		79-114		
cis-1,3-Dichloropropene	N.D.	1.	ug/l	94		78-114		
Freon 113	N.D.	2.	ug/l	100		73-140		
Batch number: Z052764AA								
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	97		77-127		
Benzene	N.D.	0.5	ug/l	103		85-117		
Toluene	N.D.	0.5	ug/l	103		85-115		
Ethylbenzene	N.D.	0.5	ug/l	103		82-119		
Xylene (Total)	N.D.	0.5	ug/l	103		83-113		

### Sample Matrix Quality Control

<u>Analysis Name</u>	<u>MS %REC</u>	<u>MSD %REC</u>	<u>MS/MSD Limits</u>	<u>RPD</u>	<u>RPD MAX</u>	<u>BKG Conc</u>	<u>DUP Conc</u>	<u>DUP RPD</u>	<u>Dup RPD Max</u>
Batch number: 05271A08A									
TPH-GRO - Waters	132		63-154						
Batch number: 05272A08A									
TPH-GRO - Waters	117		63-154						
Batch number: 05272A08B									
TPH-GRO - Waters	117		63-154						
Batch number: W052762AA									
Ethanol	33	41	26-162	23	30				
Methyl Tertiary Butyl Ether	99	103	69-134	4	30				
di-Isopropyl ether	92	95	75-130	3	30				
Ethyl t-butyl ether	94	98	78-119	4	30				
t-Amyl methyl ether	98	101	72-125	3	30				
t-Butyl alcohol	64	85	56-134	29	30				
Chloromethane	79	76	69-155	4	30				
Vinyl Chloride	86	88	81-150	2	30				
Bromomethane	83	83	59-143	0	30				
Chloroethane	81	82	63-142	1	30				
Trichlorofluoromethane	106	105	77-177	0	30				
1,1-Dichloroethene	113	113	87-145	0	30				
Methylene Chloride	97	98	79-133	1	30				
trans-1,2-Dichloroethene	103	110	82-133	6	30				
1,1-Dichloroethane	107	105	85-135	2	30				
cis-1,2-Dichloroethene	107	107	83-126	0	30				
Chloroform	113	113	82-131	1	30				
1,1,1-Trichloroethane	117	121	81-142	3	30				
Carbon Tetrachloride	117	119	79-155	1	30				
Benzene	104	109	83-128	2	30				
1,2-Dichloroethane	117	116	70-143	1	30				
Trichloroethene	118	123	83-136	4	30				
1,2-Dichloropropane	101	102	83-129	2	30				

\*- Outside of specification

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## Quality Control Summary

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### 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
Bromodichloromethane	101	99	80-129	2	30				
Toluene	100	103	83-127	2	30				
1,1,2-Trichloroethane	99	101	77-125	2	30				
Tetrachloroethene	105	107	78-133	1	30				
Dibromochloromethane	76*	72*	82-119	5	30				
1,2-Dibromoethane	93	96	78-120	3	30				
Chlorobenzene	97	101	83-120	4	30				
Ethylbenzene	100	104	82-129	3	30				
m+p-Xylene	99	105	82-130	5	30				
o-Xylene	99	102	82-130	3	30				
Bromoform	52*	41*	64-119	23	30				
1,1,2,2-Tetrachloroethane	83	86	69-128	4	30				
1,3-Dichlorobenzene	91	96	79-123	6	30				
1,4-Dichlorobenzene	91	96	81-122	5	30				
1,2-Dichlorobenzene	89	94	82-117	5	30				
trans-1,3-Dichloropropene	84	80	77-123	4	30				
cis-1,3-Dichloropropene	91	90	80-126	1	30				
Freon 113	106	112	73-166	5	30				
Batch number: Z052764AA      Sample number(s): 4611036									
Methyl Tertiary Butyl Ether	96	94	69-134	2	30				
Benzene	109	106	83-128	3	30				
Toluene	106	104	83-127	2	30				
Ethylbenzene	104	88	82-129	12	30				
Xylene (Total)	102	94	82-130	8	30				

### Surrogate Quality Control

 Analysis Name: TPH-GRO - Waters  
 Batch number: 05271A08A  
 Trifluorotoluene-F

4611036	89
4611037	98
4611038	90
Blank	86
LCS	94
LCSD	91
MS	93

Limits: 63-135

 Analysis Name: TPH-GRO - Waters  
 Batch number: 05272A08A  
 Trifluorotoluene-F

4611039	91
4611040	92
Blank	89
LCS	91
LCSD	91
MS	91

\*- Outside of specification

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## Quality Control Summary

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Group Number: 960726

### Surrogate Quality Control

Limits: 63-135

 Analysis Name: TPH-GRO - Waters  
 Batch number: 05272A08B  
 Trifluorotoluene-F

4611041	129
Blank	88
LCS	91
LCSD	91
MS	91

Limits: 63-135

 Analysis Name: EPA SW846/8260 (water)  
 Batch number: W052762AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4611037	94	87	86	89
4611038	92	88	87	94
4611039	92	87	88	90
4611040	93	87	86	88
4611041	94	87	87	91
Blank	94	90	86	89
LCS	95	88	85	90
MS	95	89	86	90
MSD	94	87	87	91

Limits: 80-116

77-113

80-113

78-113

 Analysis Name: BTEX+MTBE by 8260B  
 Batch number: Z052764AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4611036	91	99	98	97
Blank	92	99	99	98
LCS	92	99	98	99
MS	90	89	96	93
MSD	89	88	95	94

Limits: 80-116

77-113

80-113

78-113

\*- 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)

**<** less than - The number following the sign is the limit of quantitation, the smallest amount of analyte which can be reliably determined using this specific test.

**>** greater than

**J** estimated value - The result is  $\geq$  the Method Detection Limit (MDL) and  $<$  the Limit of Quantitation (LOQ).

**ppm** parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.

**ppb** parts per billion

**Dry weight basis** Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.

## U.S. EPA CLP Data Qualifiers:

### Organic Qualifiers

<b>A</b>	TIC is a possible aldol-condensation product
<b>B</b>	Analyte was also detected in the blank
<b>C</b>	Pesticide result confirmed by GC/MS
<b>D</b>	Compound quantitated on a diluted sample
<b>E</b>	Concentration exceeds the calibration range of the instrument
<b>N</b>	Presumptive evidence of a compound (TICs only)
<b>P</b>	Concentration difference between primary and confirmation columns >25%
<b>U</b>	Compound was not detected
<b>X,Y,Z</b>	Defined in case narrative

### Inorganic Qualifiers

<b>B</b>	Value is $<$ CRDL, but $\geq$ IDL
<b>E</b>	Estimated due to interference
<b>M</b>	Duplicate injection precision not met
<b>N</b>	Spike sample not within control limits
<b>S</b>	Method of standard additions (MSA) used for calculation
<b>U</b>	Compound was not detected
<b>W</b>	Post digestion spike out of control limits
<b>*</b>	Duplicate analysis not within control limits
<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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