



# GETTLER-RYAN INC.

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Alameda County  
Environmental Health

## TRANSMITTAL

April 17, 2007

G-R #386499

TO: Ms. Charlotte Evans  
Conestoga-Rovers & Associates  
5900 Hollis Street, Suite A  
Emeryville, CA 94608

CC: Mr. Satya Sinha  
Chevron Environmental  
Management 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**

WE HAVE ENCLOSED THE FOLLOWING:

COPIES	DATED	DESCRIPTION
1	April 13, 2004	Groundwater Monitoring and Sampling Report <b>First Semi-Annual - Event of March 5, 2007</b>

### 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 **April 20, 2007**, at which time the final report will be distributed to the following:

cc: Mr. Phil Nevel, The Oakland Housing Authority, 1619 Harrison Street, Oakland, CA 94612  
Mr. Barney Chan, Alameda County Health Care Services, Dept. of Environmental Health, 1131 Harbor Bay Parkway, Suite 250, Alameda, CA 94502-6577 (No Hard Copy-UPLOAD TO ALAMEDA CO.)

Enclosures

Trans/9-0020-SS

6747 Sierra Court, Suite J • Dublin, CA 94568 • (925) 551-7555 • Fax (925) 551-7888  
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**Satya P. Sinha**  
Project Manager  
Retail and Terminal  
Business Unit

**Chevron Environmental  
Management Company**  
6001 Bollinger Canyon Road,  
Room K2256  
San Ramon, CA 94583  
Tel (925) 842-9876  
Fax (925) 842-8370  
satyasinha@chevron.com

April 17, 2006

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

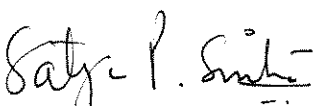
I have reviewed the attached routine groundwater monitoring report dated April 17, 2007.

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,

  
Satya P. Sinha

Attachment: Report



# GETTLER - RYAN Inc.



April 13, 2007  
G-R Job #386499

Mr. Satya Sinha  
Chevron Environmental Management Company  
P.O. Box 6012, Room K2256  
San Ramon, CA 94583

**RE: First Semi-Annual Event of March 5, 2007**  
Groundwater Monitoring & Sampling Report  
Former Chevron Service Station #9-0020  
1633 Harrison Street  
Oakland, California

Dear Mr. Sinha:

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

Douglas J. Lee  
Senior Geologist, P.G. No. 6882

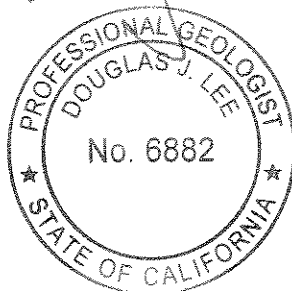
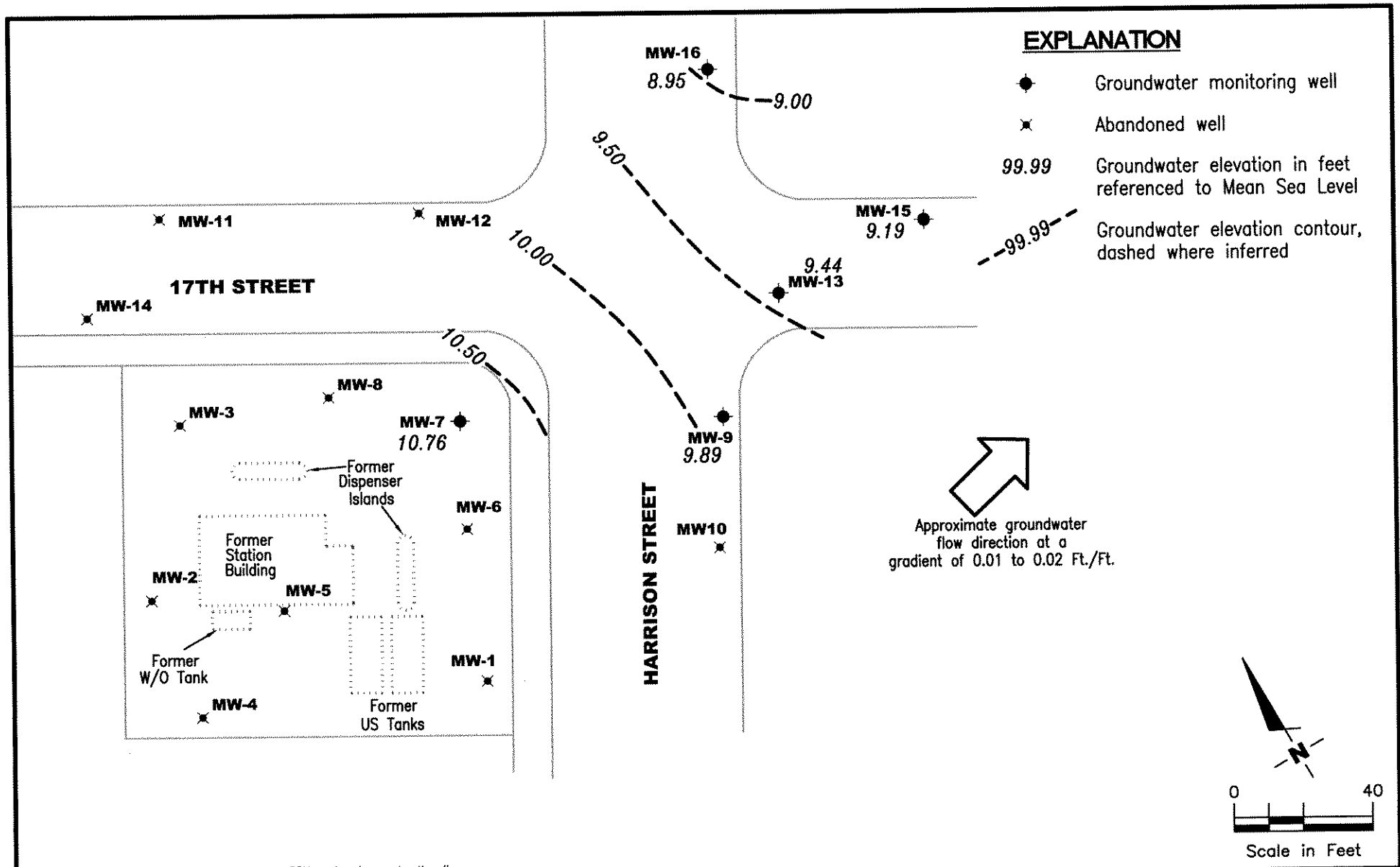


Figure 1: Potentiometric Map  
Table 1: Groundwater Monitoring Data and Analytical Results  
Table 2: Groundwater Analytical Results  
Table 3: Groundwater Analytical Results – Oxygenate Compounds  
Attachments: Standard Operating Procedure - Groundwater Sampling  
Field Data Sheets  
Chain of Custody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



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

**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  
 March 5, 2007

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 (msl)	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 (ft.)	GWE (msf)	DTW (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)
<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	--
03/30/06 <sup>6</sup>	29.01	10.88	18.13	1,400	51	9	26	10	<0.5	--
08/28/06 <sup>6</sup>	29.01	10.16	18.85	1,300	53	12	21	16	<0.5	--
<b>03/05/07<sup>6</sup></b>	<b>29.01</b>	<b>10.76</b>	<b>18.25</b>	<b>1,800</b>	<b>66</b>	<b>16</b>	<b>17</b>	<b>19</b>	<b>&lt;0.5</b>	<b>--</b>
<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	--	--

**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>										
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	--	--
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	--
03/30/06 <sup>6</sup>	28.68	10.02	18.66	540	<0.5	0.9	4	4	<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-9 (cont)</b>										
08/28/06 <sup>6</sup>	28.68	9.43	19.25	2,700	<0.5	7	10	56	<0.5	--
03/05/07 <sup>6</sup>	<b>28.68</b>	<b>9.89</b>	<b>18.79</b>	<b>800</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>0.7</b>	<b>1</b>	<b>&lt;0.5</b>	<b>--</b>
<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	--	--
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	--



**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>										
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	--
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	--
03/30/06 <sup>6</sup>	28.62	9.52	19.10	<50	<0.5	<0.5	<0.5	<1.0	<0.5	--
08/28/06 <sup>6</sup>	28.62	9.08	19.54	<50	<0.5	<0.5	<0.5	<1.0	<0.5	--
<b>03/05/07<sup>6</sup></b>	<b>28.62</b>	<b>9.44</b>	<b>19.18</b>	<b>&lt;50</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;1.0</b>	<b>&lt;0.5</b>	<b>--</b>
<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	--

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**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)
<b>MW-15 (cont)</b>										
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	--
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	--
03/30/06 <sup>6</sup>	28.04	9.29	18.75	<50	<0.5	<0.5	<0.5	<1.0	<0.5	--
08/28/06 <sup>6</sup>	28.04	8.92	19.12	<50	<0.5	<0.5	<0.5	<1.0	<0.5	--
<b>03/05/07<sup>6</sup></b>	<b>28.04</b>	<b>9.19</b>	<b>18.85</b>	<b>&lt;50</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;1.0</b>	<b>&lt;0.5</b>	<b>--</b>
<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	--	--

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WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)	
<b>MW-16 (cont)</b>											
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	<10	--	
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		--	--	--	--	--	--	--	
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	--	
03/30/06 <sup>6</sup>	28.32	9.08	19.24	8,000	110	72	55	111	<0.5	--	
08/28/06 <sup>6</sup>	28.32	8.77	19.55	10,000	210	100	58	152	<0.5	--	
<b>03/05/07<sup>6</sup></b>	<b>28.32</b>	<b>8.95</b>	<b>19.37</b>	<b>8,900</b>	<b>330</b>	<b>78</b>	<b>38</b>	<b>122</b>	<b>&lt;1</b>	<b>--</b>	
<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	

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<b>MW-1 (cont)</b>										
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	--	--	--	--	--	--	--	--	--
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	--	--
ABANDONED										
<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	--	--	--	--	--	--	--

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<b>MW-2 (cont)</b>										
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	--	--
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	--	--

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<b>MW-3 (cont)</b>										
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	<0.5	--	--
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	--	--	--	--	--	--	--
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	--	--

**Table 1**  
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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-4 (cont)</b>										
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	--	--
ABANDONED										
<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	--	--
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	--	--	--	--	--	--	--

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<b>MW-6 (cont)</b>										
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
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	--	--	--	--	--	--	--
ABANDONED										



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<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	--	--
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	--	--

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<b>MW-11 (cont)</b>										
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	--	--	--	--	--	--	--	--	--
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	--	--

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<b>TRIP BLANK (cont)</b>										
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	--	--
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	--

**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>TRIP BLANK (cont)</b>										
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	--
03/30/06 <sup>6</sup>	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
08/28/06 <sup>6</sup>	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/05/07 <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

<sup>1</sup> Confirmation run.

<sup>2</sup> ORC installed.

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

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

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

<sup>6</sup> BTEX and MTBE by EPA Method 8260.

<sup>7</sup> 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
03/30/06	<1	<0.8	<0.8	<1	--	<0.8	<0.8	<0.8	<0.5	<1	<0.8	<2
08/28/06	<1	<0.8	<0.8	<1	--	<0.8	<0.8	<0.8	<0.5	<1	<0.8	<2
<b>03/05/07</b>	<b>&lt;1</b>	<b>&lt;0.8</b>	<b>&lt;0.8</b>	<b>&lt;1</b>	<b>--</b>	<b>&lt;0.8</b>	<b>&lt;0.8</b>	<b>&lt;0.8</b>	<b>&lt;0.5</b>	<b>&lt;1</b>	<b>&lt;0.8</b>	<b>&lt;2</b>
<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

**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-9 (cont)</b>												
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
09/22/05	<1	<0.8	<0.8	<1	--	<0.8	<0.8	<0.8	<0.5	<1	<0.8	<2
03/30/06	<1	<0.8	<0.8	<1	--	<0.8	<0.8	<0.8	<0.5	<1	<0.8	<2
08/28/06	<1	<0.8	<0.8	<1	--	<0.8	<0.8	<0.8	<0.5	<1	<0.8	<2
<b>03/05/07</b>	<b>&lt;1</b>	<b>&lt;0.8</b>	<b>&lt;0.8</b>	<b>&lt;1</b>	<b>--</b>	<b>&lt;0.8</b>	<b>&lt;0.8</b>	<b>&lt;0.8</b>	<b>&lt;0.5</b>	<b>&lt;1</b>	<b>&lt;0.8</b>	<b>&lt;2</b>
<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
03/30/06	<1	<0.8	<0.8	<1	--	<0.8	<0.8	<0.8	<0.5	<1	<0.8	<2
08/28/06	<1	<0.8	<0.8	<1	--	<0.8	<0.8	<0.8	<0.5	<1	<0.8	<2
<b>03/05/07</b>	<b>&lt;1</b>	<b>&lt;0.8</b>	<b>&lt;0.8</b>	<b>&lt;1</b>	<b>--</b>	<b>&lt;0.8</b>	<b>&lt;0.8</b>	<b>&lt;0.8</b>	<b>&lt;0.5</b>	<b>&lt;1</b>	<b>&lt;0.8</b>	<b>&lt;2</b>
<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
03/30/06	<1	<0.8	<0.8	<1	--	<0.8	<0.8	<0.8	<0.5	<1	<0.8	<2
08/28/06	<1	<0.8	<0.8	<1	--	<0.8	<0.8	<0.8	<0.5	<1	<0.8	<2
<b>03/05/07</b>	<b>&lt;1</b>	<b>&lt;0.8</b>	<b>&lt;0.8</b>	<b>&lt;1</b>	<b>--</b>	<b>&lt;0.8</b>	<b>&lt;0.8</b>	<b>&lt;0.8</b>	<b>&lt;0.5</b>	<b>&lt;1</b>	<b>&lt;0.8</b>	<b>&lt;2</b>

**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-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
03/30/06	<1	<0.8	<0.8	<1	--	<0.8	<0.8	<0.8	<0.5	<1	<0.8	<2
08/28/06	<1	<0.8	<0.8	<1	--	<0.8	<0.8	<0.8	<0.5	<1	<0.8	<2
03/05/07	<2	<2	<2	<2	--	<2	<2	<2	<1	<2	<2	<4
<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	--	--	--
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	--



**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-2 (cont)</b>												
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	--
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	--	--	--
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	--

**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-4 (cont)</b>												
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	--
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	--	--	--

**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)	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-8 (cont)</b>												
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	--
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	--

**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-12 (cont)</b>												
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												
<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
	03/30/06	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5
	08/28/06	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5
	<b>03/05/07</b>	<b>&lt;50</b>	<b>&lt;5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>
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
	03/30/06	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5
	08/28/06	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5
	<b>03/05/07</b>	<b>&lt;50</b>	<b>&lt;5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>
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
	03/30/06	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5
	08/28/06	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5
	<b>03/05/07</b>	<b>&lt;50</b>	<b>&lt;5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>
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

**Table 3**  
**Groundwater Analytical Results - Oxygenate Compounds**  
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1633 Harrison Street  
Oakland, California

<b>WELL ID</b>	<b>DATE</b>	<b>ETHANOL (ppb)</b>	<b>TBA (ppb)</b>	<b>MTBE (ppb)</b>	<b>DIPE (ppb)</b>	<b>ETBE (ppb)</b>	<b>TAME (ppb)</b>	<b>EDB (ppb)</b>
MW-15 (cont)	09/22/05	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5
	03/30/06	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5
	08/28/06	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5
	03/05/07	<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
	03/30/06	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5
	08/28/06	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5
	03/05/07	<100	<10	<1	<1	<1	<1	<1

**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 Chevron Environmental Management Company, the purge water and decontamination water generated during sampling activities is transported by IWM to Chemical Waste Management located in Kettleman Hill, California.

## WELL CONDITION STATUS SHEET

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

Job # 386499  
 Event Date: 3-5-07  
 Sampler: Joc

WELL ID	Vault Frame Condition	BOLTS (# Missing)	Bolt Flanges B= Broken S= Stripped	APRON Condition (Cracked Broken)	Grout Seal (Deficient)	Casing (Condition prevents tight cap seal)	REPLACE LOCK	REPLACE CAP	WELL LID Manufacture/Size/ # of Bolts	Pictures Taken
MW-7	O.K	O.K	O.K	O.K	O.K	O.K			16' x 16" Square Box 3/8" <sup>no name</sup>	
MW-9									8" hole in the middle no name city box	
MW-13	↓	(2) 1/2"	Both flanges stripped	↓	↓	↓	✓	✓	Morrison 12" - 1/2"	
MW-15	↓	↓	↓	↓	↓	↓			Morrison 12" - 1/2"	
MW-16	↓	↓	↓	↓	↓	↓			Morrison 12" - 1/2"	

Comments MW-13 box is O.K, but both flanges are stripped. Installed (2) new bolts by after tapping thread section with electric tape. Loose bolts must have been popping out in busy street.



# GETTLER-RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: Chevron #9-0020 Job Number: 386499  
 Site Address: 1633 Harrison Street Event Date: 3-5-07 (inclusive)  
 City: Oakland, CA Sampler: Soc

Well ID: MW-7 Date Monitored: 3-5-07 Well Condition: O.K.  
 Well Diameter: 2 1/4 in. Volume Factor (VF) table:  
 Total Depth: 26.50 ft. 3/4"= 0.02 1"= 0.04 2"= 0.17 3"= 0.38  
 Depth to Water: 18.25 ft. 4"= 0.66 5"= 1.02 6"= 1.50 12"= 5.80  
8.25 xVF 0.66 = 5.45 x3 case volume= Estimated Purge Volume: 16 gal.

<b>Purge Equipment:</b>	<b>Sampling Equipment:</b>	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: _____
Disposable Bailer _____	Disposable Bailer <input checked="" type="checkbox"/>	
Stainless Steel Bailer _____	Pressure Bailer _____	
Stack Pump _____	Discrete Bailer _____	
Suction Pump <input checked="" type="checkbox"/>	Other: _____	
Grundfos _____		
Other: _____		

Start Time (purge): 0600 Weather Conditions: cloudy  
 Sample Time/Date: 0645 13-5-07 Water Color: clear Odor: yes  
 Purging Flow Rate: \_\_\_\_\_ gpm. Sediment Description: \_\_\_\_\_  
 Did well de-water? yes If yes, Time: 0611 + 0630 Volume: 28 + 10 gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
<u>0608</u>	<u>5</u>	<u>6.76</u>	<u>696</u>	<u>63.3</u>		
<u>0611</u>	<u>8</u>	<u>6.77</u>	<u>715</u>	<u>62.4</u>		
<u>0630</u>	<u>10</u>	<u>6.83</u>	<u>721</u>	<u>62.3</u>		

### LABORATORY INFORMATION

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

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

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



# GETTLER - RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: Chevron #9-0020 Job Number: 386499  
 Site Address: 1633 Harrison Street Event Date: 3-5-07 (inclusive)  
 City: Oakland, CA Sampler: Joe

Well ID: MW-9 Date Monitored: 3-5-07 Well Condition: o.k  
 Well Diameter: 2 1/4 in. Total Depth: 24.20 ft. Depth to Water: 18.79 ft.  
 $5.41 \times VF \ 0.17 = 0.92 \times 3 \text{ case volume} = \text{Estimated Purge Volume: } 3 \text{ gal.}$

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

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

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

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

Start Time (purge): 0730 Weather Conditions: cloudy  
 Sample Time/Date: 0755 / 3-5-07 Water Color: clean Odor: yes  
 Purging Flow Rate: 0.5 gpm. Sediment Description: \_\_\_\_\_  
 Did well de-water? \_\_\_\_\_ If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity ( $\mu$ mhos/cm)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
<u>0738</u>	<u>1</u>	<u>6.62</u>	<u>847</u>	<u>57.2</u>	_____	_____
<u>0742</u>	<u>2</u>	<u>6.60</u>	<u>841</u>	<u>57.1</u>	_____	_____
<u>0745</u>	<u>3</u>	<u>6.59</u>	<u>848</u>	<u>57.6</u>	_____	_____

### LABORATORY INFORMATION

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

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



# GETTLER - RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: Chevron #9-0020 Job Number: 386499  
 Site Address: 1633 Harrison Street Event Date: 3-5-07 (inclusive)  
 City: Oakland, CA Sampler: Joc

Well ID: MW-13 Date Monitored: 3-5-07 Well Condition: O.K. (See comments)  
 Well Diameter: (2) 4 in. Volume Factor (VF) table:  
 Total Depth: 26.68 ft. Volume: 3/4"= 0.02, 1"= 0.04, 2"= 0.17, 3"= 0.38  
 Depth to Water: 19.18 ft. Factor (VF): 4"= 0.66, 5"= 1.02, 6"= 1.50, 12"= 5.80  
7.50 x VF 0.17 = 1.28 x 3 case volume = Estimated Purge Volume: 4 gal.

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

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

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

Start Time (purge): 0810 Weather Conditions: cloudy  
 Sample Time/Date: 0840 13-5-07 Water Color: clear Odor: none  
 Purging Flow Rate: 0.5 gpm. Sediment Description: \_\_\_\_\_  
 Did well de-water? \_\_\_\_\_ If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (C/F)	D.O. (mg/L)	ORP (mV)
<u>0818</u>	<u>1.5</u>	<u>6.89</u>	<u>810</u>	<u>56.2</u>		
<u>0823</u>	<u>3</u>	<u>6.90</u>	<u>776</u>	<u>56.5</u>		
<u>0827</u>	<u>4</u>	<u>6.84</u>	<u>784</u>	<u>56.6</u>		

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-13</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: Well box is o.k., however, both 1/2" flange, are stripped.

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



# GETTLER - RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: Chevron #9-0020 Job Number: 386499  
 Site Address: 1633 Harrison Street Event Date: 3-5-07 (inclusive)  
 City: Oakland, CA Sampler: Joe

Well ID: MW-15 Date Monitored: 3-5-07 Well Condition: o.k.  
 Well Diameter: 21.4 in.  
 Total Depth: 26.31 ft.  
 Depth to Water: 18.85 ft.  
7.46 xVF 0.17 = 1.27 x3 case volume = Estimated Purge Volume: 4 gal.

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

### Purge Equipment:

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

### Sampling Equipment:

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

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

Start Time (purge): 0855 Weather Conditions: cloudy  
 Sample Time/Date: 0925 3-5-07 Water Color: clear Odor: none  
 Purging Flow Rate: 0.5 gpm. Sediment Description: \_\_\_\_\_  
 Did well de-water? \_\_\_\_\_ If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (u mhos/cm)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
<u>0905</u>	<u>1.5</u>	<u>6.95</u>	<u>897</u>	<u>59.0</u>	_____	_____
<u>0909</u>	<u>3</u>	<u>7.17</u>	<u>923</u>	<u>58.4</u>	_____	_____
<u>0914</u>	<u>4</u>	<u>7.24</u>	<u>919</u>	<u>58.1</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)/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 #: Chevron #9-0020  
 Site Address: 1633 Harrison Street  
 City: Oakland, CA

Job Number: 386499  
 Event Date: 3-5-07 (inclusive)  
 Sampler: 502

Well ID: MW-16  
 Well Diameter: 21.4 in.  
 Total Depth: 25.45 ft.  
 Depth to Water: 19.37 ft.  
6.08

Date Monitored: 3-5-07 Well Condition: o.k.

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

xVF 0.17 = 1.03 x3 case volume= Estimated Purge Volume: 3.5 gal.

### Purge Equipment:

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

### Sampling Equipment:

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

Time Started: \_\_\_\_\_ (2400 hrs)  
 Time Completed: \_\_\_\_\_ (2400 hrs)  
 Depth to Product: \_\_\_\_\_ ft  
 Depth to Water: \_\_\_\_\_ ft  
 Hydrocarbon Thickness: 0 ft  
 Visual Confirmation/Description: \_\_\_\_\_

Skimmer / Absorbant Sock (circle one)  
 Amt Removed from Skimmer: \_\_\_\_\_ gal  
 Amt Removed from Well: \_\_\_\_\_ gal  
 Water Removed: \_\_\_\_\_  
 Product Transferred to: \_\_\_\_\_

Start Time (purge): 0938 Weather Conditions: Cloud  
 Sample Time/Date: 1005 3-5-07 Water Color: Clear Odor: yes  
 Purging Flow Rate: 0.5 gpm. Sediment Description: \_\_\_\_\_  
 Did well de-water? \_\_\_\_\_ If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
<u>0946</u>	<u>1</u>	<u>6.70</u>	<u>1002</u>	<u>56.2</u>		
<u>0950</u>	<u>2</u>	<u>6.72</u>	<u>975</u>	<u>56.5</u>		
<u>0954</u>	<u>3.5</u>	<u>6.67</u>	<u>981</u>	<u>56.7</u>		

### LABORATORY INFORMATION

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

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

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







# Analysis Report

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

## ANALYTICAL RESULTS

Prepared for:

Chevron  
6001 Bollinger Canyon Rd L4310  
San Ramon CA 94583

925-842-8582

Prepared by:

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

RECEIVED

MAR 06 2007

GETTLER-RYAN INC.  
GENERAL CONTRACTORS

## SAMPLE GROUP

The sample group for this submittal is 1027949. Samples arrived at the laboratory on Tuesday, March 06, 2007. The PO# for this group is 0015009981 and the release number is SINHA.

<u>Client Description</u>		<u>Lancaster Labs Number</u>
QA-T-070305	NA Water	4996936
MW-7-W-070305	Grab Water	4996937
MW-9-W-070305	Grab Water	4996938
MW-13-W-070305	Grab Water	4996939
MW-15-W-070305	Grab Water	4996940
MW-16-W-070305	Grab Water	4996941

ELECTRONIC COPY TO Cambria c/o Gettler-Ryan

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  
Angela M Miller at (717) 656-2300

Respectfully Submitted,

A handwritten signature in black ink that reads "Maria S. Lord".

**Maria S. Lord**  
**Senior Specialist**



# Analysis Report

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

Lancaster Laboratories Sample No. WW 4996936

QA-T-070305 NA Water  
 Facility# 90020 Job# 386499 GRD  
 1633 Harrison-Oakland T0600100304 QA  
 Collected: 03/05/2007

Account Number: 10904

Submitted: 03/06/2007 09:35  
 Reported: 03/15/2007 at 16:22  
 Discard: 04/15/2007

Chevron  
 6001 Bollinger Canyon Rd L4310  
 San Ramon CA 94583

HARQA

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

State of California Lab Certification No. 2116

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

## Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
01728	TPH-GRO - Waters	SW-846 8015B modified	1	03/08/2007 13:47	Steven A Skiles	1
06054	BTEX+MTBE by 8260B	SW-846 8260B	1	03/14/2007 20:53	Michael A Ziegler	1
01146	GC VOA Water Prep	SW-846 5030B	1	03/08/2007 13:47	Steven A Skiles	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	03/14/2007 20:53	Michael A Ziegler	1

Lancaster Laboratories Sample No. WW 4996937

MW-7-W-070305                      Grab                      Water  
 Facility# 90020    Job# 386499                      GRD  
 1633 Harrison-Oakland                      T0600100304    MW-7  
 Collected: 03/05/2007 06:45                      by JA

Account Number: 10904

Submitted: 03/06/2007 09:35  
 Reported: 03/15/2007 at 16:22  
 Discard: 04/15/2007

Chevron  
 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.	1,800.	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	66.	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	16.	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	17.	0.5	ug/l	1
05416	m+p-Xylene	1330-20-7	17.	0.5	ug/l	1
05417	o-Xylene	95-47-6	2.	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 4996937**

MW-7-W-070305                      **Grab              Water**  
 Facility# 90020    Job# 386499                      **GRD**  
 1633 Harrison-Oakland              **T0600100304    MW-7**  
 Collected: 03/05/2007 06:45              by JA

Account Number: 10904

Submitted: 03/06/2007 09:35  
 Reported: 03/15/2007 at 16:22  
 Discard: 04/15/2007

**Chevron**  
 6001 Bollinger Canyon Rd L4310  
 San Ramon CA 94583

**HARM7**

CAT No.	Analysis Name	CAS Number	As Received	As Received	Units	Dilution Factor
			Result	Method		
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

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

**Laboratory Chronicle**

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
01728	TPH-GRO - Waters	SW-846 8015B modified	1	03/08/2007 16:44	Steven A Skiles	1
05382	EPA SW846/8260 (water)	SW-846 8260B	1	03/09/2007 15:53	Daniel H Heller	1
08202	EPA SW 846/8260 - Water	SW-846 8260B	1	03/09/2007 15:53	Daniel H Heller	1
01146	GC VOA Water Prep	SW-846 5030B	1	03/08/2007 16:44	Steven A Skiles	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	03/09/2007 15:53	Daniel H Heller	1

Lancaster Laboratories Sample No. WW 4996938

MW-9-W-070305 Grab Water GRD  
 Facility# 90020 Job# 386499  
 1633 Harrison-Oakland T0600100304 MW-9  
 Collected: 03/05/2007 07:55 by JA

Account Number: 10904

Submitted: 03/06/2007 09:35  
 Reported: 03/15/2007 at 16:22  
 Discard: 04/15/2007

Chevron  
 6001 Bollinger Canyon Rd L4310  
 San Ramon CA 94583

HARM9

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	800.	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	0.7	0.5	ug/l	1
05416	m+p-Xylene	1330-20-7	1.	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

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

Lancaster Laboratories Sample No. **WW 4996938**

MW-9-W-070305 **Grab Water**  
 Facility# 90020 Job# 386499 **GRD**  
 1633 Harrison-Oakland T0600100304 MW-9  
 Collected: 03/05/2007 07:55 by JA

Account Number: 10904

Submitted: 03/06/2007 09:35  
 Reported: 03/15/2007 at 16:22  
 Discard: 04/15/2007

Chevron  
 6001 Bollinger Canyon Rd L4310  
 San Ramon CA 94583

**HARM9**

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
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

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

## Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
01728	TPH-GRO - Waters	SW-846 8015B modified	1	03/08/2007 17:13	Steven A Skiles	1
05382	EPA SW846/8260 (water)	SW-846 8260B	1	03/09/2007 13:32	Daniel H Heller	1
08202	EPA SW 846/8260 - Water	SW-846 8260B	1	03/09/2007 13:32	Daniel H Heller	1
01146	GC VOA Water Prep	SW-846 5030B	1	03/08/2007 17:13	Steven A Skiles	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	03/09/2007 13:32	Daniel H Heller	1

Lancaster Laboratories Sample No. **WW 4996939**

MW-13-W-070305                      Grab                      Water  
 Facility# 90020    Job# 386499                      GRD  
 1633 Harrison-Oakland                      T0600100304    MW-13  
 Collected: 03/05/2007 08:40                      by JA

Account Number: 10904

Submitted: 03/06/2007 09:35  
 Reported: 03/15/2007 at 16:22  
 Discard: 04/15/2007

Chevron  
 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					





# Analysis Report

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

Lancaster Laboratories Sample No. WW 4996939

MW-13-W-070305 Grab Water  
 Facility# 90020 Job# 386499 GRD  
 1633 Harrison-Oakland T0600100304 MW-13  
 Collected: 03/05/2007 08:40 by JA

Account Number: 10904

Submitted: 03/06/2007 09:35  
 Reported: 03/15/2007 at 16:22  
 Discard: 04/15/2007

Chevron  
 6001 Bollinger Canyon Rd L4310  
 San Ramon CA 94583

HAR13

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Dilution Factor
				Method	Units	
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

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

## Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
01728	TPH-GRO - Waters	SW-846 8015B modified	1	03/08/2007 18:42	Steven A Skiles	1
05382	EPA SW846/8260 (water)	SW-846 8260B	1	03/09/2007 13:55	Daniel H Heller	1
08202	EPA SW 846/8260 - Water	SW-846 8260B	1	03/09/2007 13:55	Daniel H Heller	1
01146	GC VOA Water Prep	SW-846 5030B	1	03/08/2007 18:42	Steven A Skiles	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	03/09/2007 13:55	Daniel H Heller	1



# Analysis Report

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

Lancaster Laboratories Sample No. WW 4996940

MW-15-W-070305 Grab Water  
Facility# 90020 Job# 386499 GRD  
1633 Harrison-Oakland T0600100304 MW-15  
Collected: 03/05/2007 09:25 by JA

Account Number: 10904

Submitted: 03/06/2007 09:35  
Reported: 03/15/2007 at 16:22  
Discard: 04/15/2007

Chevron  
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					

Lancaster Laboratories Sample No. **WW 4996940**

MW-15-W-070305                      **Grab              Water**  
 Facility# 90020    Job# 386499                      **GRD**  
 1633 Harrison-Oakland              **T0600100304    MW-15**  
 Collected: 03/05/2007 09:25              by JA

Account Number: 10904

Submitted: 03/06/2007 09:35  
 Reported: 03/15/2007 at 16:22  
 Discard: 04/15/2007

Chevron  
 6001 Bollinger Canyon Rd L4310  
 San Ramon CA 94583

HAR15

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

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

## Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
01728	TPH-GRO - Waters	SW-846 8015B modified	1	03/08/2007 19:12	Steven A Skiles	1
05382	EPA SW846/8260 (water)	SW-846 8260B	1	03/09/2007 14:18	Daniel H Heller	1
08202	EPA SW 846/8260 - Water	SW-846 8260B	1	03/09/2007 14:18	Daniel H Heller	1
01146	GC VOA Water Prep	SW-846 5030B	1	03/08/2007 19:12	Steven A Skiles	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	03/09/2007 14:18	Daniel H Heller	1

Lancaster Laboratories Sample No. WW 4996941

 MW-16-W-070305 Grab Water  
 Facility# 90020 Job# 386499 GRD  
 1633 Harrison-Oakland T0600100304 MW-16  
 Collected: 03/05/2007 10:05 by JA

Account Number: 10904

 Submitted: 03/06/2007 09:35  
 Reported: 03/15/2007 at 16:22  
 Discard: 04/15/2007

 Chevron  
 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.	8,900.	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.	2.	ug/l	2
05386	Vinyl Chloride	75-01-4	N.D.	2.	ug/l	2
05387	Bromomethane	74-83-9	N.D.	2.	ug/l	2
05388	Chloroethane	75-00-3	N.D.	2.	ug/l	2
05389	Trichlorofluoromethane	75-69-4	N.D.	4.	ug/l	2
05390	1,1-Dichloroethene	75-35-4	N.D.	2.	ug/l	2
05391	Methylene Chloride	75-09-2	N.D.	4.	ug/l	2
05392	trans-1,2-Dichloroethene	156-60-5	N.D.	2.	ug/l	2
05393	1,1-Dichloroethane	75-34-3	N.D.	2.	ug/l	2
05395	cis-1,2-Dichloroethene	156-59-2	N.D.	2.	ug/l	2
05396	Chloroform	67-66-3	N.D.	2.	ug/l	2
05398	1,1,1-Trichloroethane	71-55-6	N.D.	2.	ug/l	2
05399	Carbon Tetrachloride	56-23-5	N.D.	2.	ug/l	2
05401	Benzene	71-43-2	330.	1.	ug/l	2
05402	1,2-Dichloroethane	107-06-2	N.D.	1.	ug/l	2
05403	Trichloroethene	79-01-6	N.D.	2.	ug/l	2
05404	1,2-Dichloropropane	78-87-5	N.D.	2.	ug/l	2
05406	Bromodichloromethane	75-27-4	N.D.	2.	ug/l	2
05407	Toluene	108-88-3	78.	1.	ug/l	2
05408	1,1,2-Trichloroethane	79-00-5	N.D.	2.	ug/l	2
05409	Tetrachloroethene	127-18-4	N.D.	2.	ug/l	2
05411	Dibromochloromethane	124-48-1	N.D.	2.	ug/l	2
05412	1,2-Dibromoethane	106-93-4	N.D.	1.	ug/l	2
05413	Chlorobenzene	108-90-7	N.D.	2.	ug/l	2
05415	Ethylbenzene	100-41-4	38.	1.	ug/l	2
05416	m+p-Xylene	1330-20-7	110.	1.	ug/l	2
05417	o-Xylene	95-47-6	12.	1.	ug/l	2
05419	Bromoform	75-25-2	N.D.	2.	ug/l	2
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	2.	ug/l	2
05432	1,3-Dichlorobenzene	541-73-1	N.D.	2.	ug/l	2
05433	1,4-Dichlorobenzene	106-46-7	N.D.	2.	ug/l	2
05435	1,2-Dichlorobenzene	95-50-1	N.D.	2.	ug/l	2

08202 EPA SW 846/8260 - Water



# Analysis Report

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

Lancaster Laboratories Sample No. WW 4996941

MW-16-W-070305 Grab Water  
Facility# 90020 Job# 386499 GRD  
1633 Harrison-Oakland T0600100304 MW-16  
Collected: 03/05/2007 10:05 by JA

Account Number: 10904

Submitted: 03/06/2007 09:35  
Reported: 03/15/2007 at 16:22  
Discard: 04/15/2007

Chevron  
6001 Bollinger Canyon Rd L4310  
San Ramon CA 94583

HAR16

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Units	Dilution Factor
				Method	Detection Limit		
01587	Ethanol	64-17-5	N.D.	100.		ug/l	2
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	1.		ug/l	2
02011	di-Isopropyl ether	108-20-3	N.D.	1.		ug/l	2
02013	Ethyl t-butyl ether	637-92-3	N.D.	1.		ug/l	2
02014	t-Amyl methyl ether	994-05-8	N.D.	1.		ug/l	2
02015	t-Butyl alcohol	75-65-0	N.D.	10.		ug/l	2
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	2.		ug/l	2
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	2.		ug/l	2
08203	Freon 113	76-13-1	N.D.	4.		ug/l	2

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

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

## Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
01728	TPH-GRO - Waters	SW-846 8015B modified	1	03/08/2007 21:10	Steven A Skiles	5
05382	EPA SW846/8260 (water)	SW-846 8260B	1	03/09/2007 16:40	Daniel H Heller	2
08202	EPA SW 846/8260 - Water	SW-846 8260B	1	03/09/2007 16:40	Daniel H Heller	2
01146	GC VOA Water Prep	SW-846 5030B	1	03/08/2007 21:10	Steven A Skiles	5
01163	GC/MS VOA Water Prep	SW-846 5030B	1	03/09/2007 16:40	Daniel H Heller	2

## Quality Control Summary

 Client Name: Chevron  
 Reported: 03/15/07 at 04:22 PM

Group Number: 1027949

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: 07067A08A TPH-GRO - Waters			Sample number(s): 4996936-4996941 N.D. 50. ug/l	109	109	75-135	0	30
Batch number: D070734AA Methyl Tertiary Butyl Ether			Sample number(s): 4996936 N.D. 0.5 ug/l	91		73-119		
Benzene			N.D. 0.5 ug/l	98		78-119		
Toluene			N.D. 0.5 ug/l	98		85-115		
Ethylbenzene			N.D. 0.5 ug/l	96		82-119		
Xylene (Total)			N.D. 0.5 ug/l	99		83-113		
Batch number: W070681AA Ethanol			Sample number(s): 4996937-4996941 N.D. 50. ug/l	102		39-161		
Methyl Tertiary Butyl Ether			N.D. 0.5 ug/l	98		73-119		
di-Isopropyl ether			N.D. 0.5 ug/l	95		70-123		
Ethyl t-butyl ether			N.D. 0.5 ug/l	95		74-120		
t-Amyl methyl ether			N.D. 0.5 ug/l	94		79-113		
t-Butyl alcohol			N.D. 5. ug/l	93		69-127		
Chloromethane			N.D. 1. ug/l	82		47-132		
Vinyl Chloride			N.D. 1. ug/l	84		54-123		
Bromomethane			N.D. 1. ug/l	68		47-129		
Chloroethane			N.D. 1. ug/l	72		57-125		
Trichlorofluoromethane			N.D. 2. ug/l	88		57-141		
1,1-Dichloroethane			N.D. 0.8 ug/l	105		76-122		
Methylene Chloride			N.D. 2. ug/l	100		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	98		84-117		
Chloroform			N.D. 0.8 ug/l	99		86-124		
1,1,1-Trichloroethane			N.D. 0.8 ug/l	97		83-127		
Carbon Tetrachloride			N.D. 1. ug/l	98		77-130		
Benzene			N.D. 0.5 ug/l	98		78-119		
1,2-Dichloroethane			N.D. 0.5 ug/l	99		77-132		
Trichloroethene			N.D. 1. ug/l	98		87-117		
1,2-Dichloropropane			N.D. 1. ug/l	96		80-117		
Bromodichloromethane			N.D. 1. ug/l	93		83-121		
Toluene			N.D. 0.5 ug/l	96		85-115		
1,1,2-Trichloroethane			N.D. 0.8 ug/l	96		86-113		
Tetrachloroethene			N.D. 0.8 ug/l	97		74-125		
Dibromochloromethane			N.D. 1. ug/l	92		78-119		
1,2-Dibromoethane			N.D. 0.5 ug/l	96		81-114		
Chlorobenzene			N.D. 0.8 ug/l	95		85-115		
Ethylbenzene			N.D. 0.5 ug/l	96		82-119		
m+p-Xylene			N.D. 0.5 ug/l	96		83-113		
o-Xylene			N.D. 0.5 ug/l	97		83-113		
Bromoform			N.D. 1. ug/l	88		69-118		
1,1,2,2-Tetrachloroethane			N.D. 1. ug/l	96		72-119		
1,3-Dichlorobenzene			N.D. 1. ug/l	95		81-114		

\*- Outside of specification

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

## Quality Control Summary

 Client Name: Chevron  
 Reported: 03/15/07 at 04:22 PM

Group Number: 1027949

### Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCS/LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
1,4-Dichlorobenzene	N.D.	1.	ug/l	96		84-116		
1,2-Dichlorobenzene	N.D.	1.	ug/l	94		81-112		
trans-1,3-Dichloropropene	N.D.	1.	ug/l	94		79-114		
cis-1,3-Dichloropropene	N.D.	1.	ug/l	93		78-114		
Freon 113	N.D.	2.	ug/l	101		66-125		

### Sample Matrix Quality Control

 Unspiked (UNSPK) = the sample used in conjunction with the matrix spike  
 Background (BKG) = the sample used in conjunction with the duplicate

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: 07067A08A TPH-GRO - Waters	Sample number(s): 4996936-4996941 UNSPK: P996900 57* 63-154								
Batch number: D070734AA Methyl Tertiary Butyl Ether	93	90	69-127	2	30				
Benzene	102	100	83-128	3	30				
Toluene	103	100	83-127	3	30				
Ethylbenzene	103	99	82-129	4	30				
Xylene (Total)	104	102	82-130	3	30				
Batch number: W070681AA Ethanol	Sample number(s): 4996937-4996941 UNSPK: P995774 103 107 41-159 4 30								
Methyl Tertiary Butyl Ether	102	99	69-127	3	30				
di-Isopropyl ether	101	100	68-129	1	30				
Ethyl t-butyl ether	101	98	78-119	3	30				
t-Amyl methyl ether	99	97	72-125	2	30				
t-Butyl alcohol	95	96	64-130	1	30				
Chloromethane	89	85	46-149	4	30				
Vinyl Chloride	95	92	54-143	3	30				
Bromomethane	75	75	52-141	0	30				
Chloroethane	79	78	56-140	1	30				
Trichlorofluoromethane	106	104	64-165	2	30				
1,1-Dichloroethene	115	112	87-145	3	30				
Methylene Chloride	105	102	79-133	3	30				
trans-1,2-Dichloroethene	106	102	82-133	4	30				
1,1-Dichloroethane	105	102	85-135	3	30				
cis-1,2-Dichloroethene	105	102	83-126	3	30				
Chloroform	104	101	83-139	3	30				
1;1,1-Trichloroethane	106	105	81-142	2	30				
Carbon Tetrachloride	110	106	82-149	3	30				
Benzene	105	102	83-128	3	30				
1,2-Dichloroethane	103	100	70-143	3	30				
Trichloroethene	104	102	83-136	2	30				
1,2-Dichloropropane	101	101	83-129	0	30				
Bromodichloromethane	98	96	80-129	2	30				
Toluene	106	103	83-127	3	30				
1,1,2-Trichloroethane	100	97	77-125	3	30				
Tetrachloroethene	106	106	78-133	1	30				
Dibromochloromethane	97	96	82-119	1	30				
1,2-Dibromoethane	102	96	78-120	6	30				

\*- Outside of specification

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

## Quality Control Summary

 Client Name: Chevron  
 Reported: 03/15/07 at 04:22 PM

Group Number: 1027949

### Sample Matrix Quality Control

 Unspiked (UNSPK) = the sample used in conjunction with the matrix spike  
 Background (BKG) = the sample used in conjunction with the duplicate

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Chlorobenzene	103	100	83-120	3	30				
Ethylbenzene	104	102	82-129	2	30				
m+p-Xylene	105	103	82-130	2	30				
o-Xylene	107	104	82-130	3	30				
Bromoform	92	90	64-119	3	30				
1,1,2,2-Tetrachloroethane	99	96	73-121	3	30				
1,3-Dichlorobenzene	100	98	79-123	3	30				
1,4-Dichlorobenzene	101	97	81-122	4	30				
1,2-Dichlorobenzene	100	98	82-117	3	30				
trans-1,3-Dichloropropene	97	96	77-123	1	30				
cis-1,3-Dichloropropene	98	96	80-126	3	30				
Freon 113	121	116	78-146	5	30				

### Surrogate Quality Control

Surrogate recoveries which are outside of the QC window are confirmed unless attributed to dilution or otherwise noted on the Analysis Report.

 Analysis Name: TPH-GRO - Waters  
 Batch number: 07067A08A  
 Trifluorotoluene-F

4996936	91
4996937	146*
4996938	100
4996939	91
4996940	90
4996941	134
Blank	87
LCS	90
LCSD	91
MS	91

Limits: 63-135

 Analysis Name: BTEX+MTBE by 8260B  
 Batch number: D070734AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4996936	103	105	101	99
Blank	102	102	100	97
LCS	104	106	102	100
MS	104	108	103	102
MSD	98	100	96	95

Limits: 80-116

77-113

80-113

78-113

 Analysis Name: EPA SW846/8260 (water)  
 Batch number: W070681AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4996936	103	105	101	99
Blank	102	102	100	97
LCS	104	106	102	100
MS	104	108	103	102
MSD	98	100	96	95

\*- Outside of specification

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



## Quality Control Summary

Client Name: Chevron  
Reported: 03/15/07 at 04:22 PM

Group Number: 1027949

### Surrogate Quality Control

4996937	86	87	85	85
4996938	83	85	85	85
4996939	85	82	85	82
4996940	84	89	84	82
4996941	84	84	85	84
Blank	85	84	84	82
LCS	85	87	86	86
MS	85	84	87	86
MSD	84	85	86	86
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.

## Lancaster Laboratories 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>Cal</b>	(diet) calories	<b>lb.</b>	pound(s)
<b>meq</b>	milliequivalents	<b>kg</b>	kilogram(s)
<b>g</b>	gram(s)	<b>mg</b>	milligram(s)
<b>ug</b>	microgram(s)	<b>l</b>	liter(s)
<b>ml</b>	milliliter(s)	<b>ul</b>	microliter(s)
<b>m3</b>	cubic meter(s)	<b>fib &gt;5 um/ml</b>	fibers greater than 5 microns in length per ml
<b>&lt;</b>	less than – The number following the sign is the <u>limit of quantitation</u> , the smallest amount of analyte which can be reliably determined using this specific test.		
<b>&gt;</b>	greater than		
<b>ppm</b>	parts per million – One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.		
<b>ppb</b>	parts per billion		
<b>Dry weight basis</b>	Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture.		

U.S. EPA 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>J</b>	Estimated value
<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 ≥IDL
<b>E</b>	Estimated due to interference
<b>M</b>	Duplicate injection precision not met
<b>N</b>	Spike amount 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.

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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