



**GETTLER-RYAN INC.**  
**TRANSMITTAL**

**RECEIVED**  
 10:46 am, Apr 16, 2008  
 Alameda County  
 Environmental Health

April 14, 2008  
 G-R #386462

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

CC: Ms. Olivia Skance  
 Chevron Environmental  
 Management Company  
 P.O. Box 6012, Room K2196  
 San Ramon, California 94583

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

RE: **Chevron Service Station  
 #9-0121  
 3026 Lakeshore Avenue  
 Oakland, California  
 RO 0000284**

WE HAVE ENCLOSED THE FOLLOWING:

COPIES	DATED	DESCRIPTION
1	April 7, 2008	Groundwater Monitoring and Sampling Report <b>First Quarter Event of March 3, 2008</b>

COMMENTS:

Pursuant to your request, we are providing you with a copy of the above referenced report for **your use and distribution to the following (via PDF):**

Mr. Barney Chan, Alameda County Health Care Services, Dept. of Environmental Health, 1131 Harbor Bay Parkway, Suite 250, Alameda, CA 94502-6577 **(Distributed by CRA via PDF)**

Enclosures

trans/9-0121-OS



**Olivia Skance**  
Project Manager  
Marketing Business Unit

**Chevron Environmental  
Management Company**  
6001 Bollinger Canyon Road  
San Ramon, CA 94583  
Tel (925) 842-5005  
Fax (925) 842-8370  
olivia.skance@chevron.com

April 14, 2008

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

Re: Chevron Service Station No. 9-0121  
Address 3026 Lakeshore Ave.

I have reviewed the attached routine groundwater monitoring report dated April 14, 2008.

I agree with the conclusions and recommendations presented in the referenced workplan. This information in this workplan 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 who 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,

A handwritten signature in cursive script that reads "Olivia Skance".

Olivia Skance  
Project Manager

Attachment: Report

# WELL CONDITION STATUS SHEET

Client/Facility #: Chevron #9-0121  
 Site Address: 3026 Lakeshore Avenue  
 City: Oakland, CA

Job # 386462  
 Event Date: 03/03/8  
 Sampler: AC/AW

WELL ID	Vault Frame Condition	Gasket/O-Ring (M)missing	BOLTS (M) Missing (R) Replaced	Bolt Flanges B= Broken S= Stripped R=Retap	APRON Condition C=Cracked B=Broken G=Gone	Grout Seal (Deficient) inches from TOC	Casing (Condition prevents tight cap seal)	REPLACE LOCK Y/N	REPLACE CAP Y/N	WELL VAULT Manufacture/Size/ # of Bolts	Pictures Taken Yes / No
MW-01C	→	→	→	2-S	OK	→	→	N	N	Universal Valve Co 6"-2	
MW-2A	OK	→	1-M/R	4-BB OK	OK	→	→	N	N	Morrison 6"-2	
MW-3A	OK	→	→	3-S	OK	→	→	N	N	Boart Longyear 8"-3	
MW-4A	OK	→	→	3-S	OK	→	→	N	N	Boart Longyear 8"-3	
MW-5	OK	→	→	2-S	OK	→	→	N	N	Universal Valve Co 12"-2	
MW-6	OK	→	1-M/R	2-S	OK	→	→	N	N	Universal Valve Co 12"-2	
MW-8	OK	→	2-M/R	2-S	OK	→	→	N	N	Universal Valve Co 12"-2	
MW-9	OK	→	1-M/R	3-S	OK	→	→	N	N	Boart Longyear 8"-3	

Comments MW-2A - One Eyelet on lid is broken



# GETTLER-RYAN INC.



April 7, 2008  
G-R Job #386462

Ms. Olivia Skance  
Chevron Environmental Management Company  
P.O. Box 6012, Room K2196  
San Ramon, CA 94583

**RE: First Quarter Event of March 3, 2008**  
Groundwater Monitoring & Sampling Report  
Chevron Service Station #9-0121  
3026 Lakeshore Avenue  
Oakland, California

Dear Ms. Skance:

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.

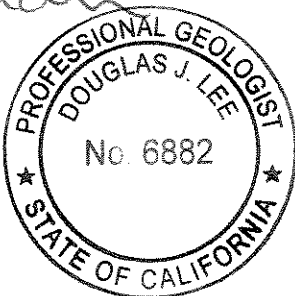
Groundwater samples were collected from the monitoring wells and submitted to a state certified laboratory for analyses. The field data sheets for this event are attached. Analytical results are presented in the table(s) listed below. The chain of custody document and laboratory analytical report are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

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

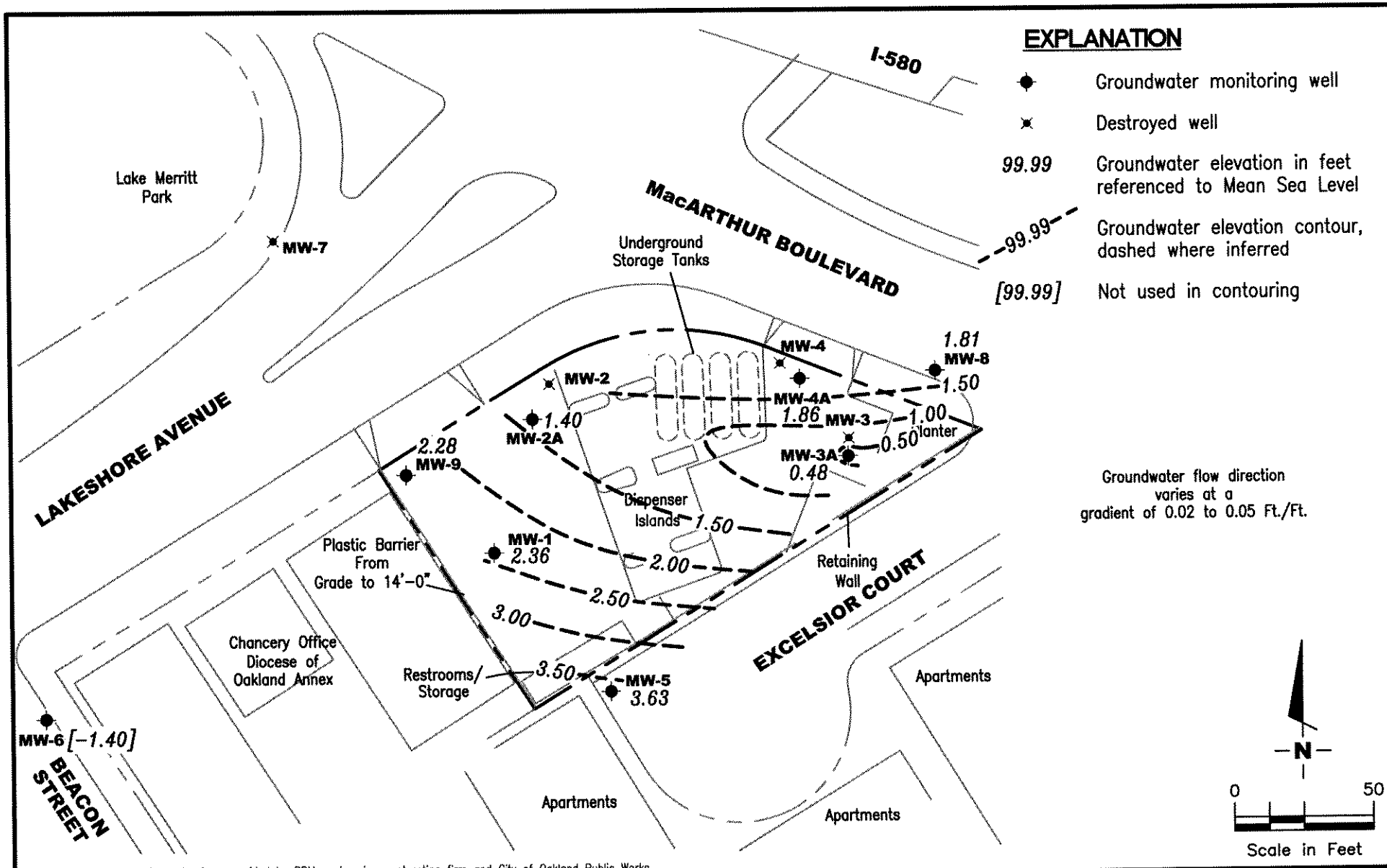
Sincerely,

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



Source: Figure modified from drawings provided by RRM engineering contracting firm and City of Oakland Public Works.

FIGURE

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

**POTENTIOMETRIC MAP**  
 Chevron Service Station #9-0121  
 3026 Lakeshore Avenue  
 Oakland, California

1

PROJECT NUMBER  
 386462

REVIEWED BY

DATE  
 March 3, 2008

REVISED DATE

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-0121  
3026 Lakeshore Avenue  
Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH							ETHANOL ♦ (ppb)	TDS (ppb)	
					REMOVED (gallons)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)			MTBE (ppb)
MW-1														
08/20/91	6.82	1.62	5.20	--	--	260	5,100	1,700	21	220	34	--	--	--
09/30/91	6.82	1.15	5.67	Sheen	--	--	--	--	--	--	--	--	--	--
10/28/91	6.82	1.50	5.30	0.03	--	--	--	--	--	--	--	--	--	--
01/08/92	6.82	1.67	5.15	Sheen	--	4,400	5,400	770	13	95	31	--	--	--
01/13/92	6.82	--	--	--	--	--	--	--	--	--	--	--	--	--
06/23/92	6.89	1.48	5.41	--	--	2,000	7,700	1,500	40	230	100	--	--	--
08/24/92	6.89	1.12	5.77	--	--	--	--	--	--	--	--	--	--	--
09/21/92	6.89	1.00	5.89	--	--	<50	3,500	1,700	28	190	78	--	--	--
10/26/92	6.89	0.95	5.94	--	--	--	--	--	--	--	--	--	--	--
12/23/92	6.89	2.18	4.71	--	--	5,500	60,000	7,100	240	2,000	1,300	--	--	--
01/08/93	6.89	--	--	--	--	--	--	--	--	--	--	--	--	--
03/25/93	6.89	2.17	4.72	--	--	<10	530	1,100	41	67	79	--	--	--
06/11/93	6.89	5.37	5.07	--	--	--	7,000	1,900	33	120	69	9,600	--	840
09/29/93	6.89	1.13	5.76	--	--	<10	6,600	1,600	28	43	74	--	--	--
12/20/93	6.89	1.74	5.15	--	--	<10	6,300	1,900	36	82	65	--	--	--
03/07/94	6.89	2.21	4.68	--	--	<10	7,700	1,100	55	66	38	12,000	--	--
06/17/94	6.89	1.83	5.06	--	--	2,200	4,300	710	12	90	38	--	--	--
09/12/94	6.89	1.24	5.65	--	--	2,500	6,400	1,500	<25	180	<25	12,000	--	--
11/30/94	6.89	2.32	4.57	--	--	2,300 <sup>1</sup>	4,900	690	26	97	60	3,900	--	--
03/24/95	6.89	3.91	2.98	--	--	1,400 <sup>2</sup>	1,800	160	7.3	11	14	1,300	--	--
06/27/95	6.89	1.87	5.02	--	--	2,300 <sup>2</sup>	4,600	1,300	11	97	13	5,100	--	--
09/28/95	6.89	1.59	5.30	--	--	3,900 <sup>2</sup>	6,600	1,500	<20	<20	<20	5,800	--	--
12/19/95	6.89	2.21	4.68	--	--	2,600 <sup>2</sup>	3,800	930	<10	100	<10	6,300	--	--
02/28/96	6.89	3.27	3.62	--	--	1,800 <sup>2</sup>	3,600	280	<5.0	18	5.5	2,200	--	--
06/25/96	6.89	1.87	5.02	--	--	3,000	4,700	1,600	36	150	31	3,000	--	--
12/17/96	6.89	2.23	4.66	--	--	2,700 <sup>3</sup>	7,800	1,000	28	340	63	1,200	--	--
03/31/97	6.89	2.01	4.88	--	--	2,200 <sup>2</sup>	5,300	590	55	210	53	950	--	--
06/30/97	6.89	1.32	5.57	--	--	2,200 <sup>2</sup>	4,400	350	<10	<10	11	580	--	--
09/12/97	6.89	1.56	5.33	--	--	2,300 <sup>2</sup>	3,400	220	9.5	15	11	460	--	--
12/05/97	6.89	2.44	4.45	--	--	1,900 <sup>2</sup>	4,700	870	21	120	18	750	--	--
02/16/98	6.89	3.52	3.37	--	--	1,600 <sup>2</sup>	4,400	120	12	11	7.7	270	--	--
06/17/98	6.89	2.24	4.65	--	--	1,300 <sup>2</sup>	7,800	<25	50	34	650	650	--	--
08/31/98	6.89	1.70	5.19	--	--	2,400 <sup>2</sup>	3,700	620	17	120	31	380	--	--
12/28/98	6.89	1.94	4.95	--	--	1,500 <sup>2</sup>	3,800	250	14	28	15	330	--	--
03/04/99	6.89	3.24	3.65	--	--	1,070 <sup>2</sup>	1,560	17.9	<0.5	4.17	1.05	70.4	--	--
06/14/99	6.89	1.89	5.00	--	--	2,500 <sup>2</sup>	<10,000	820	240	320	640	<500	--	--

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-0121  
3026 Lakeshore Avenue  
Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH		TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	ETHANOL ♦ (ppb)	TDS (ppb)
					REMOVED (gallons)	TPH-D (ppb)								
<b>MW-1 (cont)</b>														
09/17/99	6.89	0.30	6.59	--	--	2,110 <sup>2</sup>	3,300	141	12.3	<10	<10	238	--	--
12/20/99	6.89	1.92	4.97	--	--	1,840 <sup>2</sup>	2,990	218	16.3	20	<10	232	--	--
03/20/00	6.89	3.11	3.78	--	--	938 <sup>2</sup>	1,340	20	3.07	1.87	1.87	29.1	--	--
06/24/00 <sup>5</sup>	6.89	2.45	4.44	0.00	0.00	1,680 <sup>9</sup>	1,500 <sup>7</sup>	12	5.3	<2.5	7.9	190	--	--
09/07/00 <sup>5</sup>	6.89	1.74	5.15	0.00	0.00	1,500 <sup>9</sup>	3,100 <sup>7</sup>	190	13	14	<10	210	--	--
12/05/00 <sup>5</sup>	6.89	2.16	4.73	0.00	0.00	970 <sup>13</sup>	2,140 <sup>14</sup>	248	<5.00	20.5	<5.00	<25.0	--	--
03/01/01 <sup>5</sup>	6.89	3.33	3.56	0.00	0.00	610 <sup>9</sup>	1,000 <sup>7</sup>	21	<10	<10	<10	280	--	--
06/04/01 <sup>5</sup>	6.89	2.13	4.76	0.00	0.00	1,100 <sup>9</sup>	2,800 <sup>7</sup>	310	23	11	15	470	--	--
09/10/01 <sup>5</sup>	6.89	1.28	5.61	0.00	0.00	2,600	2,500 <sup>16</sup>	<20	26	<20	<20	310	--	--
12/03/01 <sup>5</sup>	6.89	3.31	3.58	0.00	0.00	2,700	2,400	30	7.3	7.0	6.5	160	--	--
03/04/02 <sup>5</sup>	6.89	2.36	4.53	0.00	0.00	2,700	3,300	120	17	22	9.0	110	--	--
05/30/02 <sup>5</sup>	6.89	2.41	4.48	0.00	0.00	2,700	4,100	110	9.3	22	11	100	--	--
09/03/02 <sup>5</sup>	6.89	1.42	5.47	0.00	0.00	2,900	3,700	<5.0	7.8	3.2	10	130	--	--
12/09/02 <sup>5</sup>	6.89	1.61	5.28	0.00	0.00	3,000	2,900	35	5.1	5.5	8.3	170	--	--
03/10/03 <sup>5</sup>	6.89	2.50	4.39	0.00	0.00	1,600	3,000	42	5.0	8.2	8.7	110	--	--
06/09/03 <sup>5,18</sup>	6.89	2.53	4.36	0.00	0.00	2,000	5,200	140	16	20	15	100	--	--
09/08/03 <sup>5,18</sup>	6.89	1.52	5.37	0.00	0.00	2,100	3,500	4	10	2	11	200	<50	--
12/08/03 <sup>5,18</sup>	6.89	2.44	4.45	0.00	0.00	3,400	2,200	8	4	3	8	160	<50	--
03/09/04 <sup>18,20</sup>	6.89	2.86	4.03	0.00	0.00	3,300	1,500	16	3	5	4	99	<130	--
06/17/04 <sup>18</sup>	6.89	1.41	5.48	0.00	0.00	2,700	3,400	180	13	27	13	160	<50	--
09/15/04 <sup>18</sup>	6.89	-0.91	7.80	0.00	0.00	2,600	1,700	2	1	0.8	5	180	<50	--
12/23/04 <sup>18</sup>	6.89	1.35	5.54	0.00	0.00	3,000	1,800	120	3	5	5	120	<50	--
03/24/05 <sup>18</sup>	6.89	3.49	3.40	0.00	0.00	950	1,100	45	2	5	2	16	<50	--
06/16/05 <sup>18</sup>	6.89	2.29	4.60	0.00	0.00	1,600	3,600	210	11	33	12	69	<50	--
09/16/05 <sup>18</sup>	6.89	1.10	5.79	0.00	0.00	2,200	3,700	74	9	21	14	150	<50	--
12/21/05 <sup>18</sup>	6.89	3.11	3.78	0.00	0.00	1,600 <sup>22</sup>	1,400	53	2	4	4	62	<50	--
03/23/06 <sup>18</sup>	6.89	3.33	3.56	0.00	0.00	1,400	1,100	3	2	2	3	26	<50	--
06/09/06 <sup>18</sup>	6.89	2.11	4.78	0.00	0.00	1,300	5,200	160	13	42	20	77	<50	--
09/05/06 <sup>18</sup>	6.89	0.89	6.00	0.00	0.00	1,600	2,000	0.8	<0.5	<0.5	0.8	1,500	<50	--
12/15/06 <sup>18</sup>	6.89	2.84	4.05	0.00	0.00	1,800	1,400	3	0.9	1	5	47	<50	--
03/01/07 <sup>18</sup>	6.89	2.96	3.93	0.00	0.00	1,500	1,000	23	3	3	3	16	<50	--
06/05/07 <sup>18</sup>	6.89	2.08	4.81	0.00	0.00	1,200	4,000	90	9	21	12	68	<50	--
09/05/07 <sup>18</sup>	6.89	1.18	5.71	0.00	0.00	1,800	2,000	3	2	1	6	66	<50	--
12/05/07 <sup>18</sup>	6.89	1.87	5.02	0.00	0.00	1,200	2,400	58	6	7	7	97	150	--
<b>03/03/08<sup>18</sup></b>	<b>6.89</b>	<b>2.36</b>	<b>4.53</b>	<b>0.00</b>	<b>0.00</b>	<b>1,400</b>	<b>1,500</b>	<b>13</b>	<b>2</b>	<b>2</b>	<b>3</b>	<b>36</b>	<b>&lt;50</b>	<b>--</b>

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-0121  
3026 Lakeshore Avenue  
Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPH		TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	ETHANOL ♦ (ppb)	TDS (ppb)
				SPHT (ft.)	REMOVED (gallons)									
MW-2A														
04/19/99	6.53	1.67	4.86	--	--	820 <sup>2</sup>	<2,000	<20	<20	<20	<20	9,200	--	--
06/14/99	6.53	1.23	5.30	--	--	2,000 <sup>2</sup>	<5,000	89	<50	66	<50	10,000	--	--
09/17/99	6.53	0.69	5.84	--	--	1,050 <sup>2</sup>	903	42	1.63	22.8	7.74	11,400	--	--
12/20/99	6.53	-0.07	6.60	--	--	2,820 <sup>2</sup>	2,280	115	<10	87.2	27.2	14,000	--	--
03/20/00	6.53	1.74	4.79	--	--	1,220 <sup>2</sup>	1,040	54.3	<5.0	33.8	12.1	10,900 <sup>2</sup>	--	--
06/24/00	6.53	1.28	5.25	0.00	0.00	1,300 <sup>9</sup>	690 <sup>7</sup>	50	2.5	18	9.5	15,000 <sup>8</sup>	--	--
09/07/00	6.53	1.09	5.44	0.00	0.00	770 <sup>9</sup>	310 <sup>7</sup>	6.7	1.4	1.6	3.8	16,000	--	--
12/05/00	6.53	1.16	5.37	0.00	0.00	810 <sup>13</sup>	414 <sup>14</sup>	32.4	<0.500	7.49	5.96	8,910 <sup>8</sup>	--	--
03/01/01	6.53	2.03	4.50	0.00	0.00	590 <sup>9</sup>	370 <sup>7</sup>	30	4.0	12	9.2	8,200	--	--
06/04/01	6.53	1.36	5.17	0.00	0.00	930 <sup>9</sup>	<500	19	<5.0	<5.0	<5.0	7,800	--	--
09/10/01	6.53	0.79	5.74	0.00	0.00	2,400	<5,000	<50	<50	<50	<50	9,700	--	--
12/03/01	6.53	1.46	5.07	0.00	0.00	2,500	480	4.5	<1.0	1.1	<3.0	10,000	--	--
03/04/02	6.53	1.52	5.01	0.00	0.00	2,300	630	5.4	1.5	2.9	2.3	7,000	--	--
05/30/02	6.53	1.66	4.87	0.00	0.00	2,100	520	6.1	<1.0	2.6	5.4	7,100	--	--
09/03/02	6.53	1.03	5.50	0.00	0.00	2,600	590	7.8	0.98	2.9	7.8	7,800	--	--
12/09/02	6.53	1.06	5.47	0.00	0.00	1,900	670	7.9	0.88	2.1	5.0	8,300	--	--
03/10/03	6.53	1.52	5.01	0.00	0.00	1,700	640	8.0	0.76	2.6	4.1	7,500	--	--
06/09/03 <sup>18</sup>	6.53	1.77	4.76	0.00	0.00	1,900	540	3	<3	<3	<3	6,800	--	--
09/08/03 <sup>18</sup>	6.53	1.16	5.37	0.00	0.00	2,000	540	3	0.7	0.7	3	7,000	<50	--
12/08/03 <sup>18</sup>	6.53	1.34	5.19	0.00	0.00	3,100	480	<5	<5	<5	<5	6,500	<500	--
03/09/04 <sup>18</sup>	6.53	1.81	4.72	0.00	0.00	1,200	1,300	44	2	15	10	2,900	<130	--
06/17/04 <sup>18</sup>	6.53	-0.07	6.60	0.00	0.00	2,300	920	23	2	6	12	1,700	<100	--
09/15/04 <sup>18</sup>	6.53	-2.34	8.87	0.00	0.00	1,900	880	6	2	<1	7	2,100	<100	--
12/23/04 <sup>18</sup>	6.53	0.68	5.85	0.00	0.00	2,200	430	6	<3	<3	<3	5,100	<250	--
03/24/05 <sup>18</sup>	6.53	1.78	4.75	0.00	0.00	810	390	<5	<5	<5	<5	5,200	<500	--
06/16/05 <sup>18</sup>	6.53	1.30	5.23	0.00	0.00	3,000	380	<5	<5	<5	<5	5,500	<500	--
09/16/05 <sup>18</sup>	6.53	0.45	6.08	0.00	0.00	2,600	380	<5	<5	<5	<5	5,900	<500	--
12/21/05 <sup>18</sup>	6.53	1.55	4.98	0.00	0.00	4,000 <sup>23</sup>	450	1	0.6	<0.5	2	4,800	<50	--
03/23/06 <sup>18</sup>	6.53	1.97	4.56	0.00	0.00	2,600	330	1	0.8	<0.5	2	4,500	<50	--
06/09/06 <sup>18</sup>	6.53	1.37	5.16	0.00	0.00	2,800	500	<1	<1	<1	<1	4,500	<100	--
09/05/06 <sup>18</sup>	6.53	0.72	5.81	0.00	0.00	3,000	510	<5	<5	<5	<5	3,600	<500	--
12/15/06 <sup>18</sup>	6.53	1.48	5.05	0.00	0.00	2,800	600	4	<1	<1	1	4,000	<100	--
03/01/07 <sup>18</sup>	6.53	1.50	5.03	0.00	0.00	1,800	230	<3	<3	<3	<3	3,700	<250	--
06/05/07 <sup>18</sup>	6.53	1.72	4.81	0.00	0.00	1,700	480	0.9	0.6	<0.5	2	3,500	<50	--



**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-0121  
3026 Lakeshore Avenue  
Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH		TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	ETHANOL ♦ (ppb)	TDS (ppb)
					REMOVED (gallons)										
<b>MW-2A (cont)</b>															
09/05/07 <sup>18</sup>	6.53	1.28	5.25	0.00	0.00	2,400	430	1	1	<0.5	2	1,700	<50	--	
12/05/07 <sup>18</sup>	6.53	1.25	5.28	0.00	0.00	2,000	530	2	<1	<1	2	3,400	<100	--	
<b>03/03/08<sup>18</sup></b>	<b>6.53</b>	<b>1.40</b>	<b>5.13</b>	<b>0.00</b>	<b>0.00</b>	<b>2,100</b>	<b>960</b>	<b>85</b>	<b>3</b>	<b>3</b>	<b>5</b>	<b>520</b>	<b>&lt;50</b>	<b>--</b>	
<b>MW-3A</b>															
04/19/99	8.70	1.00	7.70	--	--	93 <sup>2</sup>	<50	<0.5	<0.5	<0.5	<0.5	3.1	--	--	
06/14/99	8.70	0.50	8.20	--	--	160 <sup>2</sup>	148	4.55	0.82	0.53	1.1	3.7	--	--	
09/17/99	8.70	-0.02	8.72	--	--	101 <sup>2</sup>	169	6.02	0.806	0.515	0.786	4.68	--	--	
12/20/99	8.70	-0.22	8.92	--	--	153 <sup>2</sup>	<50	1.82	<0.5	<0.5	<0.5	11	--	--	
03/20/00	8.70	1.06	7.64	--	--	223 <sup>2</sup>	140	5.08	0.695	<0.5	<0.5	10.1	--	--	
06/24/00	8.70	0.32	8.38	0.00	0.00	128 <sup>9</sup>	<50	0.74	<0.50	<0.50	<0.50	34	--	--	
09/07/00	8.70	-0.09	8.79	0.00	0.00	<50	<50	1.4	<0.50	<0.50	<0.50	15	--	--	
12/05/00	8.70	0.02	8.68	0.00	0.00	<50	<50.0	1.39	<0.500	<0.500	<0.500	12.9	--	--	
03/01/01	8.70	0.88	7.82	0.00	0.00	66 <sup>11</sup>	<50	1.0	<0.50	<0.50	<0.50	19	--	--	
06/04/01	8.70	0.25	8.45	0.00	0.00	69 <sup>9</sup>	<50	2.0	<0.50	<0.50	<0.50	37	--	--	
09/10/01	8.70	-0.40	9.10	0.00	0.00	<50	<50	3.9	<0.50	<0.50	<0.50	19	--	--	
12/03/01	8.70	0.62	8.08	0.00	0.00	56	<50	<0.50	<0.50	<0.50	<1.5	19	--	--	
03/04/02	8.70	-0.24	8.94	0.00	0.00	85	<50	<0.50	<0.50	<0.50	<1.5	26	--	--	
05/30/02	8.70	-0.08	8.78	0.00	0.00	210	<50	<0.50	<0.50	<0.50	<1.5	22	--	--	
09/03/02	8.70	-0.28	8.98	0.00	0.00	89	<50	<0.50	<0.50	<0.50	<1.5	24	--	--	
12/09/02	8.70	-0.20	8.90	0.00	0.00	110	<50	<0.50	<0.50	<0.50	<1.5	22	--	--	
03/10/03	8.70	0.58	8.12	0.00	0.00	66	<50	<0.50	<0.50	<0.50	<1.5	40	--	--	
06/09/03 <sup>18</sup>	8.70	0.47	8.23	0.00	0.00	82	<50	<0.5	0.5	<0.5	<0.5	35	--	--	
09/08/03 <sup>18</sup>	8.70	-0.06	8.76	0.00	0.00	110	<50	<0.5	<0.5	<0.5	<0.5	27	<50	--	
12/08/03 <sup>18</sup>	8.70	0.20	8.50	0.00	0.00	74 <sup>19</sup>	<50	<0.5	<0.5	<0.5	<0.5	23	<50	--	
03/09/04 <sup>18</sup>	8.70	0.99	7.71	0.00	0.00	410	53	1	<0.5	<0.5	<0.5	28	<50	--	
06/17/04 <sup>18</sup>	8.70	0.18	8.52	0.00	0.00	430	180	1	<0.5	<0.5	<0.5	3	<50	--	
09/15/04 <sup>18</sup>	8.70	-0.42	9.12	0.00	0.00	280	92	<0.5	<0.5	<0.5	<0.5	63	<50	--	
12/23/04 <sup>18</sup>	8.70	-0.06	8.76	0.00	0.00	330	76	<0.5	<0.5	<0.5	<0.5	5	<50	--	
03/24/05 <sup>18</sup>	8.70	2.42	6.28	0.00	0.00	210	<50	<0.5	<0.5	<0.5	<0.5	0.6	360	--	
06/16/05 <sup>18</sup>	8.70	0.52	8.18	0.00	0.00	590	<50	<0.5	<0.5	<0.5	<0.5	2	<50	--	
09/16/05 <sup>18</sup>	8.70	-0.08	8.78	0.00	0.00	160 <sup>21</sup>	<50	<0.5	<0.5	<0.5	<0.5	5	<50	--	
12/21/05 <sup>18</sup>	8.70	0.40	8.30	0.00	0.00	220 <sup>23</sup>	<50	<0.5	<0.5	<0.5	<0.5	10	<50	--	
03/23/06 <sup>18</sup>	8.70	1.60	7.10	0.00	0.00	150	<50	<0.5	<0.5	<0.5	<0.5	0.5	<50	--	
06/09/06 <sup>18</sup>	8.70	0.40	8.30	0.00	0.00	390	<50	<0.5	<0.5	<0.5	<0.5	2	<50	--	

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-0121  
3026 Lakeshore Avenue  
Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH		TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	ETHANOL ♦ (ppb)	TDS (ppb)
					REMOVED (gallons)										
<b>MW-3A (cont)</b>															
09/05/06 <sup>18</sup>	8.70	-0.30	9.00	0.00	0.00		140	<50	<0.5	<0.5	<0.5	<0.5	5	<50	--
12/15/06 <sup>18</sup>	8.70	0.17	8.53	0.00	0.00		250	<50	<0.5	0.8	<0.5	2	9	<50	--
03/01/07 <sup>18</sup>	8.70	0.63	8.07	0.00	0.00		140	<50	2	4	1	5	10	<50	--
06/05/07 <sup>18</sup>	8.70	0.26	8.44	0.00	0.00		2,900	<50	<0.5	<0.5	<0.5	<0.5	7	<50	--
09/05/07 <sup>18</sup>	8.70	-0.35	9.05	0.00	0.00		520	<50	<0.5	<0.5	<0.5	<0.5	8	<50	--
12/05/07 <sup>18</sup>	8.70	-0.01	8.71	0.00	0.00		110	<50	<0.5	<0.5	<0.5	<0.5	30	<50	--
<b>03/03/08<sup>18</sup></b>	<b>8.70</b>	<b>0.48</b>	<b>8.22</b>	<b>0.00</b>	<b>0.00</b>		<b>240</b>	<b>&lt;50</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>9</b>	<b>&lt;50</b>	<b>--</b>
<b>MW-4A</b>															
04/19/99	7.69	2.78	4.91	--	--		370 <sup>2</sup>	<500	<5.0	<5.0	<5.0	<5.0	1,600	--	--
06/14/99	7.69	2.44	5.25	--	--		2,500 <sup>2</sup>	5,360	312	<20	44	<20	2,880	--	--
09/17/99	7.69	0.32	7.37	--	--		1,430 <sup>2</sup>	1,290	38.6	<5.0	7.01	<5.0	1,780	--	--
12/20/99	7.69	1.39	6.30	--	--		7,480 <sup>2</sup>	852	43.5	4.63	9.18	4.36	1,070	--	--
03/20/99	7.69	2.07	5.62	--	--		1,280 <sup>2</sup>	1,370	129	8.6	18.3	7.3	2,110	--	--
06/24/00	7.69	1.57	6.12	0.00	0.00		1,190 <sup>9</sup>	190 <sup>7</sup>	1.4	1.7	1.7	3.3	3,900 <sup>7</sup>	--	--
09/07/00	7.69	1.43	6.26	0.00	0.00		740 <sup>9</sup>	490 <sup>7</sup>	15	1.9	1.1	3.9	3,300	--	--
12/05/00	7.69	1.70	5.99	0.00	0.00		560 <sup>12</sup>	<500	<5.00	<5.00	<5.00	<5.00	3,380 <sup>8</sup>	--	--
03/01/01	7.69	2.01	5.68	0.00	0.00		600 <sup>9</sup>	<1,000	10	<10	<10	<10	4,600	--	--
06/04/01	7.69	1.09	6.60	0.00	0.00		770 <sup>9</sup>	390 <sup>15</sup>	8.4	3.8	<2.5	3.0	3,800	--	--
09/10/01	7.69	1.12	6.57	0.00	0.00		810	<500	13	<5.0	22	<5.0	4,900	--	--
12/03/01	7.69	1.74	5.95	0.00	0.00		2,100	<250	1.5	<1.0	<1.0	<3.0	3,800	--	--
03/04/02	7.69	-1.19	8.88	0.00	0.00		2,400	2,500	49	6.8	21	9.5	2,600	--	--
05/30/02	7.69	1.49	6.20	0.00	0.00		2,600	430	4.6	<1.0	2.0	<3.0	3,700	--	--
09/03/02	7.69	1.20	6.49	0.00	0.00		3,200	<500	4.5	<2.0	3.5	7.5	3,800	--	--
12/09/02	7.69	1.43	6.26	0.00	0.00		1,600	440	1.1	<0.50	0.71	<5.0	4,000	--	--
03/10/03	7.69	1.86	5.83	0.00	0.00		1,700	710	14	2.2	4.2	<10	4,100	--	--
06/09/03 <sup>18</sup>	7.69	1.25	6.44	0.00	0.00		3,200	400	3	<1	2	<1	4,100	--	--
09/08/03 <sup>18</sup>	7.69	1.83	5.86	0.00	0.00		3,900	1,300	28	4	4	<3	2,900	<250	--
12/08/03 <sup>18</sup>	7.69	1.57	6.12	0.00	0.00		2,500	360	3	<3	<3	<3	3,200	<250	--
03/09/04 <sup>18</sup>	7.69	2.32	5.37	0.00	0.00		4,300	1,400	28	5	10	3	3,200	<250	--
06/17/04 <sup>18</sup>	7.69	1.64	6.05	0.00	0.00		7,900	6,000	140	20	52	16	1,500	<50	--
09/15/04 <sup>18</sup>	7.69	0.29	7.40	0.00	0.00		4,200	3,300	14	5	4	6	2,400	<100	--
12/23/04 <sup>18</sup>	7.69	1.43	6.26	0.00	0.00		2,800	1,500	7	3	4	4	3,000	<100	--
03/24/05 <sup>18</sup>	7.69	2.68	5.01	0.00	0.00		900	2,700	28	7	9	4	2,300	<250	--
06/16/05 <sup>18</sup>	7.69	1.66	6.03	0.00	0.00		3,600	1,000	3	5	3	6	3,200	<250	--

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-0121  
3026 Lakeshore Avenue  
Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH		TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	ETHANOL ♦ (ppb)	TDS (ppb)
					REMOVED (gallons)										
<b>MW-4A (cont)</b>															
09/16/05 <sup>18</sup>	7.69	1.07	6.62	0.00	0.00	2,400	380	<5	<5	<5	<5	3,700	<500	--	
12/21/05 <sup>18</sup>	7.69	1.83	5.86	0.00	0.00	2,900 <sup>23</sup>	580	2	0.7	1	2	3,000	<50	--	
03/23/06 <sup>18</sup>	7.69	2.55	5.14	0.00	0.00	1,900	1,400	16	5	9	<3	2,800	<250	--	
06/09/06 <sup>18</sup>	7.69	1.76	5.93	0.00	0.00	3,900	1,200	4	2	3	3	3,000	<50	--	
09/05/06 <sup>18</sup>	7.69	1.07	6.62	0.00	0.00	3,800	650	<5	<5	<5	<5	1,600	<500	--	
12/15/06 <sup>18</sup>	7.69	1.69	6.00	0.00	0.00	3,500	1,000	2	1	0.8	3	520	<50	--	
03/01/07 <sup>18</sup>	7.69	1.86	5.83	0.00	0.00	1,600	1,200	11	5	6	5	1,100	<50	--	
06/05/07 <sup>18</sup>	7.69	2.33	5.36	0.00	0.00	3,000	3,300	34	9	7	8	330	<100	--	
09/05/07 <sup>18</sup>	7.69	1.97	5.72	0.00	0.00	3,800	1,700	11	4	2	4	130	<50	--	
12/05/07 <sup>18</sup>	7.69	1.57	6.12	0.00	0.00	2,100	1,300	3	3	1	3	82	<50	--	
<b>03/03/08<sup>18</sup></b>	<b>7.69</b>	<b>1.86</b>	<b>5.83</b>	<b>0.00</b>	<b>0.00</b>	<b>4,900</b>	<b>2,700</b>	<b>13</b>	<b>6</b>	<b>9</b>	<b>7</b>	<b>700</b>	<b>&lt;50</b>	<b>--</b>	
<b>MW-5</b>															
06/23/92	14.14	1.90	12.24	--	--	<50	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	
08/24/92	14.14	1.85	12.29	--	--	--	--	--	--	--	--	--	--	--	
09/21/92	14.14	1.68	12.46	--	--	60	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	
10/26/92	14.14	1.62	12.52	--	--	--	--	--	--	--	--	--	--	--	
12/23/92	14.14	3.02	11.12	--	--	--	--	--	--	--	--	--	--	--	
01/08/93	14.14	--	--	--	--	--	--	--	--	--	--	--	--	--	
03/25/93	14.14	4.40	9.74	--	--	<10	<50	<0.5	<0.5	<0.5	0.9	--	--	--	
06/11/93	14.14	3.70	10.44	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	770	
09/29/93	14.14	2.22	11.92	--	--	<10	<50	<0.5	0.6	<0.5	0.6	--	--	--	
12/20/93	14.14	--	--	--	--	--	--	--	--	--	--	--	--	--	
03/07/94	14.14	2.80	11.34	--	--	<10	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	
06/17/94	14.14	2.87	11.27	--	--	<50	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	
09/12/94	14.14	1.28	12.86	--	--	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	
11/30/94	14.14	2.23	11.91	--	--	99 <sup>2</sup>	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	
03/24/95	14.14	4.38	9.76	--	--	<50	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	
06/27/95	14.14	2.74	11.40	--	--	55 <sup>3</sup>	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	
09/28/95	14.14	2.24	11.90	--	--	300 <sup>2</sup>	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	
12/19/95	14.14	1.56	12.58	--	--	53 <sup>2</sup>	<50	<0.5	<0.5	<0.5	<0.5	3.1	--	--	
02/28/96	14.14	2.44	11.70	--	--	<50	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	
06/25/96	14.14	2.71	11.43	--	--	120 <sup>2</sup>	<50	<0.5	<0.5	<0.5	<0.5	36	--	--	
12/17/96	14.14	2.74	11.40	--	--	89 <sup>2</sup>	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	
03/31/97	14.14	2.04	12.10	--	--	150 <sup>2</sup>	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	

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**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-0121  
3026 Lakeshore Avenue  
Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH		TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	ETHANOL ♦ (ppb)	TDS (ppb)
					REMOVED (gallons)										
<b>MW-5 (cont)</b>															
06/30/97	14.14	1.36	12.78	--	--	SAMPLED SEMI-ANNUALLY		--	--	--	--	--	--	--	--
09/12/97	14.14	0.46	13.68	--	--	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<2.5	--	--
12/05/97	14.14	1.11	13.03	--	--	--	--	--	--	--	--	--	--	--	--
02/16/98	14.14	4.17	9.97	--	--	62 <sup>2</sup>	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<2.5	--	--
06/17/98	14.14	2.29	11.85	--	--	--	--	--	--	--	--	--	--	--	--
08/31/98	14.14	1.32	12.82	--	--	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<2.5	--	--
12/28/98	14.14	0.71	13.43	--	--	--	--	--	--	--	--	--	--	--	--
03/04/99	14.14	0.39	13.75	--	--	70.5	<50	<0.5	<0.5	<0.5	<0.5	<0.5	3.34	--	--
06/14/99	14.14	0.04	14.10	--	--	--	--	--	--	--	--	--	--	--	--
09/17/99	14.14	-0.04	14.18	--	--	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<2.5	--	--
12/20/99	14.14	0.44	13.70	--	--	--	--	--	--	--	--	--	--	--	--
03/20/00	14.14	1.50	12.64	--	--	115 <sup>3</sup>	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<2.5	--	--
06/24/00	14.14	1.10	13.04	0.00	0.00	--	--	--	--	--	--	--	--	--	--
09/07/00	14.14	0.97	13.17	0.00	0.00	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	5.0	--	--
12/05/00	14.14	2.86	11.28	0.00	0.00	--	--	--	--	--	--	--	--	--	--
03/01/01	14.14	3.84	10.30	0.00	0.00	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--
06/04/01	14.14	2.83	11.31	0.00	0.00	SAMPLED SEMI-ANNUALLY		--	--	--	--	--	--	--	--
09/10/01	14.14	1.98	12.16	0.00	0.00	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--
12/03/01	14.14	5.52	8.62	0.00	0.00	SAMPLED SEMI-ANNUALLY		--	--	--	--	--	--	--	--
03/04/02	14.14	4.29	9.85	0.00	0.00	78	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--	--
05/30/02	14.14	3.31	10.83	0.00	0.00	SAMPLED SEMI-ANNUALLY		--	--	--	--	--	--	--	--
09/03/02	14.14	INACCESSIBLE - CAR PARKED OVER WELL				--	--	--	--	--	--	--	--	--	--
12/09/02	14.14	2.78	11.36	0.00	0.00	SAMPLED SEMI-ANNUALLY		--	--	--	--	--	--	--	--
03/10/03	14.14	2.95	11.19	0.00	0.00	100	<50	<0.50	<0.50	<0.50	<1.5	8.2	--	--	--
06/09/03	14.14	1.57	12.57	0.00	0.00	SAMPLED SEMI-ANNUALLY		--	--	--	--	--	--	--	--
09/08/03 <sup>18</sup>	14.14	2.13	12.01	0.00	0.00	65	<50	<0.5	<0.5	<0.5	<0.5	8	<50	--	--
12/08/03	14.14	3.01	11.13	0.00	0.00	SAMPLED SEMI-ANNUALLY		--	--	--	--	--	--	--	--
03/09/04 <sup>18</sup>	14.14	3.56	10.58	0.00	0.00	110	<50	<0.5	<0.5	<0.5	<0.5	4	<50	--	--
06/17/04	14.14	2.04	12.10	0.00	0.00	SAMPLED SEMI-ANNUALLY		--	--	--	--	--	--	--	--
09/15/04 <sup>18</sup>	14.14	1.56	12.58	0.00	0.00	92	<50	<0.5	<0.5	<0.5	<0.5	7	<50	--	--
12/23/04	14.14	1.94	12.20	0.00	0.00	SAMPLED SEMI-ANNUALLY		--	--	--	--	--	--	--	--
03/24/05 <sup>18</sup>	14.14	6.44	7.70	0.00	0.00	85	<50	<0.5	<0.5	<0.5	3	6	<50	--	--
06/16/05	14.14	2.59	11.55	0.00	0.00	SAMPLED SEMI-ANNUALLY		--	--	--	--	--	--	--	--
09/16/05 <sup>18</sup>	14.14	2.36	11.78	0.00	0.00	<50	<50	<0.5	<0.5	<0.5	<0.5	6	<50	--	--
12/21/05	14.14	4.44	9.70	0.00	0.00	SAMPLED SEMI-ANNUALLY		--	--	--	--	--	--	--	--
03/23/06 <sup>18</sup>	14.14	4.94	9.20	0.00	0.00	<50	<50	<0.5	<0.5	<0.5	<0.5	4	<50	--	--

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-0121  
3026 Lakeshore Avenue  
Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH				B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	ETHANOL ♦ (ppb)	TDS (ppb)
					REMOVED (gallons)	TPH-D (ppb)	TPH-G (ppb)								
<b>MW-5 (cont)</b>															
06/09/06	14.14	3.47	10.67	0.00	0.00	SAMPLED SEMI-ANNUALLY			--	--	--	--	--	--	--
09/05/06 <sup>18</sup>	14.14	2.34	11.80	0.00	0.00	120	<50	<0.5	<0.5	<0.5	<0.5	4	<50	--	
12/15/06	14.14	2.64	11.50	0.00	0.00	SAMPLED SEMI-ANNUALLY			--	--	--	--	--	--	
03/01/07 <sup>18</sup>	14.14	4.92	9.22	0.00	0.00	150	<50	1	3	0.7	3	2	<50	--	
06/05/07	14.14	3.12	11.02	0.00	0.00	SAMPLED SEMI-ANNUALLY			--	--	--	--	--	--	
09/05/07 <sup>18</sup>	14.14	1.64	12.50	0.00	0.00	68	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<50	--	
12/05/07	14.14	3.49	10.65	0.00	0.00	SAMPLED SEMI-ANNUALLY			--	--	--	--	--	--	
<b>03/03/08<sup>18</sup></b>	<b>14.14</b>	<b>3.63</b>	<b>10.51</b>	<b>0.00</b>	<b>0.00</b>	<b>89</b>	<b>&lt;50</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>1</b>	<b>&lt;50</b>	<b>--</b>	
<b>MW-6</b>															
06/23/92	4.46	-0.68	5.14	--	--	120	<50	4.3	<0.5	0.8	0.9	--	--	--	
08/24/92	4.46	-0.49	4.95	--	--	--	--	--	--	--	--	--	--	--	
09/21/92	4.46	-0.44	4.90	--	--	<50	<250	<2.5	<2.5	<2.5	<2.5	--	--	--	
10/26/92	4.46	-1.06	5.52	--	--	--	--	--	--	--	--	--	--	--	
12/23/92	4.46	-0.94	5.40	--	--	81	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	
01/08/93	4.46	--	--	--	--	--	--	--	--	--	--	--	--	--	
03/25/93	4.46	-1.64	6.10	--	--	<10	<50	<0.5	<0.5	<0.5	0.7	--	--	--	
06/11/93	4.46	-2.10	6.56	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	15,000	
09/29/93	4.46	-0.71	5.17	--	--	<10	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	
12/20/93	4.46	-1.47	5.93	--	--	<10	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	
03/07/94	4.46	-0.81	5.27	--	--	<10	54	<0.5	<0.5	<0.5	0.6	--	--	--	
06/17/94	4.46	--	--	--	--	--	--	--	--	--	--	--	--	--	
09/12/94	4.46	-0.64	5.10	--	--	<50	<50	<0.5	<0.5	<0.5	<0.5	<50	--	--	
11/30/94	4.46	-1.12	5.58	--	--	800 <sup>1</sup>	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	
03/24/95	4.46	-1.87	6.33	--	--	490 <sup>2</sup>	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	
06/27/95	4.46	-3.74	8.20	--	--	300 <sup>2</sup>	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	
09/28/95	4.46	-0.19	4.65	--	--	1,200 <sup>2</sup>	120	1.1	<0.5	<0.5	<0.5	--	--	--	
12/19/95	4.46	-1.58	6.04	--	--	820 <sup>2</sup>	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	
02/28/96	4.46	-1.54	6.00	--	--	270 <sup>2</sup>	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	
06/25/96	4.46	-1.71	6.17	--	--	750 <sup>2</sup>	97	<0.5	<0.5	<0.5	0.71	<2.5	--	--	
12/17/96	4.46	-1.67	6.13	--	--	540 <sup>2</sup>	65	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	
03/31/97	4.46	-2.23	6.69	--	--	780 <sup>2</sup>	65	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	
06/30/97	4.46	-2.62	7.08	--	--	SAMPLED SEMI-ANNUALLY			--	--	--	--	--	--	
09/12/97	4.46	-0.95	5.41	--	--	270 <sup>2</sup>	65	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-0121  
3026 Lakeshore Avenue  
Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH								ETHANOL ♦ (ppb)	TDS (ppb)
					REMOVED (gallons)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)		
MW-6 (cont)														
12/05/97	4.46	-1.96	6.42	--	--	--	--	--	--	--	--	--	--	--
02/16/98	4.46	-0.30	4.76	--	--	330 <sup>2</sup>	140	<0.5	<0.5	<0.5	<0.5	<2.5	--	--
06/17/98	4.46	-1.54	6.00	--	--	--	--	--	--	--	--	--	--	--
08/31/98	4.46	-0.64	5.10	--	--	270 <sup>1</sup>	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--
12/28/98	4.46	-2.04	6.50	--	--	--	--	--	--	--	--	--	--	--
03/04/99	4.46	-1.35	5.81	--	--	638 <sup>1</sup>	95.5	<0.5	<0.5	<0.5	<0.5	<2.0	--	--
06/14/99	4.46	-0.97	5.43	--	--	--	--	--	--	--	--	--	--	--
09/17/99	4.46	-1.74	6.20	--	--	258 <sup>1</sup>	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--
12/20/99	4.46	-2.31	6.77	--	--	--	--	--	--	--	--	--	--	--
03/20/00	4.46	-2.12	6.58	--	--	257 <sup>2</sup>	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--
06/24/00	4.46	-2.52	6.98	0.00	0.00	SAMPLED SEMI-ANNUALLY			--	--	--	--	--	--
09/07/00	4.46	-0.46	4.92	0.00	0.00	98 <sup>11</sup>	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--
12/05/00	4.46	-0.64	5.10	0.00	0.00	--	--	--	--	--	--	--	--	--
03/01/01	4.46	-0.43	4.89	0.00	0.00	190 <sup>9</sup>	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--
06/04/01	4.46	-0.75	5.21	0.00	0.00	SAMPLED SEMI-ANNUALLY			--	--	--	--	--	--
09/10/01	4.46	-0.65	5.11	0.00	0.00	140 <sup>17</sup>	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--
12/03/01	4.46	-0.57	5.03	0.00	0.00	SAMPLED SEMI-ANNUALLY			--	--	--	--	--	--
03/04/02	4.46	INACCESSIBLE - CAR PARKED OVER WELL				--	--	--	--	--	--	--	--	--
05/30/02	4.46	-1.65	6.11	0.00	0.00	SAMPLED SEMI-ANNUALLY			--	--	--	--	--	--
09/03/02	4.46	-0.82	5.28	0.00	0.00	340	<500	<2.0	<2.0	<2.0	<6.0	<3.0	--	--
12/09/02	4.46	-0.66	5.12	0.00	0.00	SAMPLED SEMI-ANNUALLY			--	--	--	--	--	--
03/10/03	4.46	-1.80	6.26	0.00	0.00	420	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--
06/09/03	4.46	-1.45	5.91	0.00	0.00	SAMPLED SEMI-ANNUALLY			--	--	--	--	--	--
09/08/03 <sup>18</sup>	4.46	-0.19	4.65	0.00	0.00	230	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<50	--
12/08/03	4.46	-0.78	5.24	0.00	0.00	SAMPLED SEMI-ANNUALLY			--	--	--	--	--	--
03/09/04 <sup>18</sup>	4.46	-1.39	5.85	0.00	0.00	1,500	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<50	--
06/17/04	4.46	-1.62	6.08	0.00	0.00	SAMPLED SEMI-ANNUALLY			--	--	--	--	--	--
09/15/04 <sup>18</sup>	4.46	-2.28	6.74	0.00	0.00	1,200	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<50	--
12/23/04	4.46	-1.30	5.76	0.00	0.00	SAMPLED SEMI-ANNUALLY			--	--	--	--	--	--
03/24/05 <sup>18</sup>	4.46	-0.19	4.65	0.00	0.00	290	60	<0.5	<0.5	<0.5	<0.5	<0.5	<50	--
06/16/05	4.46	-1.04	5.50	0.00	0.00	SAMPLED SEMI-ANNUALLY			--	--	--	--	--	--
09/16/05 <sup>18</sup>	4.46	-0.63	5.09	0.00	0.00	640	<50	<3	<3	<3	<3	<3	<250	--
12/21/05	4.46	-0.54	5.00	0.00	0.00	SAMPLED SEMI-ANNUALLY			--	--	--	--	--	--
03/23/06 <sup>18</sup>	4.46	-0.17	4.63	0.00	0.00	1,500	50	<3	<3	<3	<3	<3	<250	--
06/09/06	4.46	-0.49	4.95	0.00	0.00	SAMPLED SEMI-ANNUALLY			--	--	--	--	--	--
09/05/06 <sup>18</sup>	4.46	-0.39	4.85	0.00	0.00	820	<250	<3	<3	<3	<3	<3	<250	--

**Table I**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-0121  
3026 Lakeshore Avenue  
Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH								ETHANOL ♦ (ppb)	TDS (ppb)	
					REMOVED (gallons)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)			
<b>MW-6 (cont)</b>															
12/15/06	4.46	-0.94	5.40	0.00	0.00	SAMPLED SEMI-ANNUALLY			--	--	--	--	--	--	--
03/01/07 <sup>1R</sup>	4.46	-0.96	5.42	0.00	0.00	1,600	<250	0.9	3	0.7	4	<0.5	<50	--	
06/05/07	4.46	-1.41	5.87	0.00	0.00	SAMPLED SEMI-ANNUALLY			--	--	--	--	--	--	
09/05/07 <sup>1R</sup>	4.46	-0.29	4.75	0.00	0.00	850	58	<5	<5	<5	<5	<5	<500	--	
12/05/07	4.46	-1.12	5.58	0.00	0.00	SAMPLED SEMI-ANNUALLY			--	--	--	--	--	--	
<b>03/03/08<sup>1R</sup></b>	<b>4.46</b>	<b>-1.40</b>	<b>5.86</b>	<b>0.00</b>	<b>0.00</b>	<b>1,800</b>	<b>82</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>	<b>&lt;50</b>	<b>--</b>	
<b>MW-8</b>															
06/23/92	8.94	-15.20	24.14	--	--	<50	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	
08/24/92	8.94	0.34	8.60	--	--	--	--	--	--	--	--	--	--	--	
09/21/92	8.94	0.55	8.39	--	--	<50	94	<0.5	<0.5	<0.5	<0.5	--	--	--	
10/26/92	8.94	-0.18	9.12	--	--	--	--	--	--	--	--	--	--	--	
12/23/92	8.94	0.83	8.11	--	--	79	<50	0.7	5.0	0.7	2.9	--	--	--	
01/08/93	8.94	--	--	--	--	--	--	--	--	--	--	--	--	--	
03/25/93	8.94	--	--	--	--	--	--	--	--	--	--	--	--	--	
06/11/93	8.94	0.55	8.39	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	3,500	
09/29/93	8.94	0.69	8.25	--	--	<10	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	
12/20/93	8.94	0.48	8.46	--	--	<10	<50	<0.5	0.6	<0.5	1.0	--	--	--	
03/07/94	8.94	0.28	8.66	--	--	<10	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	
06/17/94	8.94	0.12	8.82	--	--	<50	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	
09/12/94	8.94	0.11	8.83	--	--	<50	<50	<0.5	<0.5	<0.5	0.8	<5.0	--	--	
11/30/94	8.94	0.31	8.63	--	--	120 <sup>1</sup>	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	
03/24/95	8.94	0.43	8.51	--	--	110 <sup>2</sup>	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	
06/27/95	8.94	-0.03	8.97	--	--	67 <sup>2</sup>	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	
09/28/95	8.94	0.04	8.90	--	--	91 <sup>2</sup>	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	
12/19/95	8.94	0.54	8.40	--	--	76 <sup>2</sup>	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	
02/28/96	8.94	0.50	8.44	--	--	<50	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	
06/25/96	8.94	0.05	8.89	--	--	80 <sup>2</sup>	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	
12/17/96	8.94	0.49	8.45	--	--	79 <sup>2</sup>	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	
03/31/97	8.94	0.18	8.76	--	--	72 <sup>2</sup>	<50	<0.5	<0.5	<0.5	<0.5	3.6	--	--	
06/30/97	8.94	-0.18	9.12	--	--	SAMPLED ANNUALLY			--	--	--	--	--	--	
09/12/97	8.94	0.13	8.81	--	--	--	--	--	--	--	--	--	--	--	
12/05/97	8.94	0.59	8.35	--	--	--	--	--	--	--	--	--	--	--	
02/16/98	8.94	1.00	7.94	--	--	68 <sup>2</sup>	<50	<0.5	<0.5	<0.5	<0.5	4.3	--	--	
06/17/98	8.94	0.51	8.43	--	--	--	--	--	--	--	--	--	--	--	

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-0121  
3026 Lakeshore Avenue  
Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH		TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	ETHANOL ♦ (ppb)	TDS (ppb)	
					REMOVED (gallons)											
<b>MW-8 (cont)</b>																
08/31/98	8.94	0.06	8.88	--	--	--	--	--	--	--	--	--	--	--	--	
12/28/98	8.94	0.64	8.30	--	--	--	--	--	--	--	--	--	--	--	--	
03/04/99	8.94	0.29	8.65	--	--	106	<50	<0.5	<0.5	<0.5	<0.5	<0.5	3.83	--	--	
06/14/99	8.94	0.52	8.42	--	--	--	--	--	--	--	--	--	--	--	--	
09/17/99	8.94	-0.93	9.87	--	--	--	--	--	--	--	--	--	--	--	--	
12/20/99	8.94	0.54	8.40	--	--	--	--	--	--	--	--	--	--	--	--	
03/20/00	8.94	0.82	8.12	--	--	82.2 <sup>6</sup>	<50	<0.5	<0.5	<0.5	<0.5	<0.5	3.46	--	--	
06/24/00	8.94	0.31	8.63	0.00	0.00	SAMPLED ANNUALLY		--	--	--	--	--	--	--	--	
09/07/00	8.94	0.26	8.68	0.00	0.00	--	--	--	--	--	--	--	--	--	--	
12/05/00	8.94	0.81	8.13	0.00	0.00	--	--	--	--	--	--	--	--	--	--	
03/01/01	8.94	1.04	7.90	0.00	0.00	51 <sup>11</sup>	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	
06/04/01	8.94	-0.27	9.21	0.00	0.00	--	--	--	--	--	--	--	--	--	--	
09/10/01	8.94	0.26	8.68	0.00	0.00	SAMPLED ANNUALLY		--	--	--	--	--	--	--	--	
12/03/01	8.94	1.12	7.82	0.00	0.00	SAMPLED ANNUALLY		--	--	--	--	--	--	--	--	
03/04/02	8.94	1.26	7.68	0.00	0.00	82	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--	--	
05/30/02	8.94	INACCESSIBLE - CAR PARKED OVER WELL					--	--	--	--	--	--	--	--	--	--
09/03/02	8.94	-0.21	9.15	0.00	0.00	SAMPLED ANNUALLY		--	--	--	--	--	--	--	--	
12/09/02	8.94	0.21	8.73	0.00	0.00	SAMPLED ANNUALLY		--	--	--	--	--	--	--	--	
03/10/03	8.94	0.55	8.39	0.00	0.00	110	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--	--	
06/09/03	8.94	-0.03	8.97	0.00	0.00	SAMPLED ANNUALLY		--	--	--	--	--	--	--	--	
09/08/03	8.94	0.52	8.42	0.00	0.00	SAMPLED ANNUALLY		--	--	--	--	--	--	--	--	
12/08/03	8.94	0.77	8.17	0.00	0.00	SAMPLED ANNUALLY		--	--	--	--	--	--	--	--	
03/09/04 <sup>18</sup>	8.94	1.03	7.91	0.00	0.00	300	<50	<0.5	<0.5	<0.5	<0.5	<0.5	3	<50	--	
06/17/04	8.94	0.01	8.93	0.00	0.00	SAMPLED ANNUALLY		--	--	--	--	--	--	--	--	
09/15/04	8.94	-0.97	9.91	0.00	0.00	SAMPLED ANNUALLY		--	--	--	--	--	--	--	--	
12/23/04	8.94	3.20	5.74	0.00	0.00	SAMPLED ANNUALLY		--	--	--	--	--	--	--	--	
03/24/05 <sup>18</sup>	8.94	0.50	8.44	0.00	0.00	240	<50	<0.5	<0.5	<0.5	<0.5	<0.5	1	<50	--	
06/16/05	8.94	0.16	8.78	0.00	0.00	SAMPLED ANNUALLY		--	--	--	--	--	--	--	--	
09/16/05	8.94	0.26	8.68	0.00	0.00	SAMPLED ANNUALLY		--	--	--	--	--	--	--	--	
12/21/05	8.94	0.73	8.21	0.00	0.00	SAMPLED ANNUALLY		--	--	--	--	--	--	--	--	
03/23/06 <sup>18</sup>	8.94	1.03	7.91	0.00	0.00	120	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.8	<50	--	
06/09/06	8.94	0.03	8.91	0.00	0.00	SAMPLED ANNUALLY		--	--	--	--	--	--	--	--	
09/05/06	8.94	0.39	8.55	0.00	0.00	SAMPLED ANNUALLY		--	--	--	--	--	--	--	--	
12/15/06	8.94	0.68	8.26	0.00	0.00	SAMPLED ANNUALLY		--	--	--	--	--	--	--	--	
03/01/07 <sup>18</sup>	8.94	0.86	8.08	0.00	0.00	150	63	2	5	1	7	1	<50	--		
06/05/07	8.94	0.59	8.35	0.00	0.00	SAMPLED ANNUALLY		--	--	--	--	--	--	--	--	



**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-0121  
3026 Lakeshore Avenue  
Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH REMOVED (gallons)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	ETHANOL ♦ (ppb)	TDS (ppb)
<b>MW-8 (cont)</b>														
09/05/07	8.94	1.73	7.21	0.00	0.00	SAMPLED ANNUALLY		--	--	--	--	--	--	--
12/05/07	8.94	1.77	7.17	0.00	0.00	SAMPLED ANNUALLY		--	--	--	--	--	--	--
03/03/08 <sup>18</sup>	8.94	1.81	7.13	0.00	0.00	510	<50	<0.5	<0.5	<0.5	<0.5	0.9	<50	--
<b>MW-9</b>														
04/19/99	5.87	2.71	3.16	--	--	2,600 <sup>2</sup>	3,900 <sup>6</sup>	14	6.9	14	24	140	--	--
06/14/99	5.87	1.06	4.81	--	--	2,800 <sup>2</sup>	2,880	12.6	<10	<10	<10	138	--	--
09/17/99	5.87	1.02	4.85	--	--	1,770 <sup>2</sup>	3,370	33.1	14.4	<5.0	<5.0	202	--	--
12/20/99	5.87	1.87	4.00	--	--	996 <sup>2</sup>	3,970	42.2	13.5	<10	<10	311	--	--
03/20/00	5.87	2.87	3.00	--	--	2,710 <sup>2</sup>	5,920	22.1	<5.0	6.8	<5.0	106.0	--	--
06/24/00	5.87	1.96	3.91	0.00	0.00	1,940 <sup>9</sup>	2,500 <sup>7</sup>	12	<10	11	<10	120	--	--
09/07/00	5.87	1.59	4.28	0.00	0.00	1,500 <sup>9</sup>	3,700 <sup>7</sup>	<25	<25	<25	<25	330	--	--
12/05/00	5.87	2.07	3.80	0.00	0.00	1,300 <sup>12</sup>	3,470 <sup>2</sup>	<5.00	7.64	<5.00	<5.00	177	--	--
03/01/01	5.87	3.19	2.68	0.00	0.00	960 <sup>9</sup>	2,400 <sup>7</sup>	11	18.0	<10	<10	250	--	--
06/04/01	5.87	1.96	3.91	0.00	0.00	1,200 <sup>9</sup>	3,200 <sup>7</sup>	45	17	6.1	8.9	300	--	--
09/10/01	5.87	1.18	4.69	0.00	0.00	2,000 <sup>17</sup>	2,300	5.7	7.3	10	<5.0	200	--	--
12/03/01	5.87	2.88	2.99	0.00	0.00	2,600	3,600	14	5.4	8.2	8.5	210	--	--
03/04/02	5.87	2.32	3.55	0.00	0.00	3,700	4,400	17	<5.0	9.2	6.4	79	--	--
05/30/02	5.87	2.22	3.65	0.00	0.00	4,600	4,300	15	3.7	5.8	6.1	110	--	--
09/03/02	5.87	1.31	4.56	0.00	0.00	2,500	3,200	5.8	2.6	3.5	5.6	84	--	--
12/09/02	5.87	1.51	4.36	0.00	0.00	2,600	3,000	6.3	3.2	3.9	6.1	110	--	--
03/10/03	5.87	2.26	3.61	0.00	0.00	1,500	3,300	11	3.7	5.4	<7.5	150	--	--
06/09/03 <sup>18</sup>	5.87	2.29	3.58	0.00	0.00	2,700	3,500	2	2	3	2	46	--	--
09/08/03 <sup>18</sup>	5.87	1.43	4.44	0.00	0.00	3,000	3,000	3	2	2	3	120	<50	--
12/08/03 <sup>18</sup>	5.87	2.21	3.66	0.00	0.00	2,500	2,400	3	3	3	4	560	<50	--
03/09/04 <sup>18</sup>	5.87	2.69	3.18	0.00	0.00	2,500	3,700	2	1	2	2	120	<50	--
06/17/04 <sup>18</sup>	5.87	1.05	4.82	0.00	0.00	2,700	3,100	2	1	2	3	96	<50	--
09/15/04 <sup>18</sup>	5.87	-3.16	9.03	0.00	0.00	2,600	1,200	1	<0.5	<0.5	2	190	<50	--
12/23/04 <sup>18</sup>	5.87	1.38	4.49	0.00	0.00	3,400	2,900	4	4	4	4	93	<50	--
03/24/05 <sup>18</sup>	5.87	3.35	2.52	0.00	0.00	1,500	3,200	16	2	3	3	23	<50	--
06/16/05 <sup>18</sup>	5.87	2.25	3.62	0.00	0.00	1,600	2,300	30	2	2	3	28	<50	--
09/16/05 <sup>18</sup>	5.87	1.09	4.78	0.00	0.00	1,500	1,400	2	0.9	1	2	50	<50	--
12/21/05 <sup>18</sup>	5.87	2.97	2.90	0.00	0.00	1,400 <sup>22</sup>	2,300	2	2	3	3	40	<50	--
03/23/06 <sup>18</sup>	5.87	3.25	2.62	0.00	0.00	1,600	2,900	1	9	6	160	24	<50	--
06/09/06 <sup>18</sup>	5.87	2.06	3.81	0.00	0.00	1,500	1,900	5	1	1	34	32	<50	--

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-0121  
3026 Lakeshore Avenue  
Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH		TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	ETHANOL ♦ (ppb)	TDS (ppb)
					REMOVED (gallons)										
<b>MW-9 (cont)</b>															
09/05/06 <sup>18</sup>	5.87	0.94	4.93	0.00	0.00	1,700	1,300	1	1	0.9	14	53	<50	--	
12/15/06 <sup>18</sup>	5.87	2.68	3.19	0.00	0.00	2,000	2,300	1	1	1	5	43	<50	--	
03/01/07 <sup>18</sup>	5.87	2.80	3.07	0.00	0.00	1,700	3,000	1	1	1	4	36	<50	--	
06/05/07 <sup>18</sup>	5.87	2.02	3.85	0.00	0.00	1,200	1,900	1	0.6	0.8	2	35	<50	--	
09/05/07 <sup>18</sup>	5.87	0.89	4.98	0.00	0.00	1,800	1,400	1	0.8	0.8	3	56	<50	--	
12/05/07 <sup>18</sup>	5.87	1.82	4.05	0.00	0.00	1,800	2,100	1	0.8	1	3	65	93	--	
<b>03/03/08<sup>18</sup></b>	<b>5.87</b>	<b>2.28</b>	<b>3.59</b>	<b>0.00</b>	<b>0.00</b>	<b>1,000</b>	<b>2,500</b>	<b>0.6</b>	<b>0.6</b>	<b>1</b>	<b>2</b>	<b>26</b>	<b>&lt;50</b>	<b>--</b>	
<b>MW-2</b>															
08/20/91	6.27	1.92	4.35	--	--	600	9,300	3,700	55	530	75	--	--	--	
09/30/91	6.27	1.28	4.99	--	--	--	3,500	2,600	47	440	68	--	--	--	
10/28/91	6.27	1.36	4.91	--	--	--	4,600	1,800	29	290	53	--	--	--	
01/08/92	6.27	1.63	4.64	Sheen	--	--	14,000	4,300	70	<25	130	--	--	--	
01/13/92	6.27	--	--	--	--	38,000	--	--	--	--	--	--	--	--	
06/23/92	6.27	1.63	4.64	0.02	--	--	--	--	--	--	--	--	--	--	
08/24/92	6.27	1.34	4.94	0.02	--	--	--	--	--	--	--	--	--	--	
09/21/92	6.27	1.20	5.08	0.01	--	--	--	--	--	--	--	--	--	--	
10/26/92	6.27	0.34	5.93	--	--	--	--	--	--	--	--	--	--	--	
12/23/92	6.27	--	--	--	--	160,000	21,000	5,400	59	1,300	160	--	--	--	
01/08/93	6.27	2.57	3.70	--	--	--	--	--	--	--	--	--	--	--	
03/25/93	6.27	2.89	3.38	Sheen	--	--	--	--	--	--	--	--	--	--	
06/11/93	6.27	2.09	4.18	--	--	--	5,900	1,100	23	240	51	--	--	2,300	
09/29/93	6.27	0.07	6.20	--	--	--	--	--	--	--	--	--	--	--	
12/20/93	6.27	1.94	4.35	0.02	--	--	--	--	--	--	--	--	--	--	
03/07/94	6.27	2.60	3.67	--	--	<10	26,000	5,700	170	1,000	150	--	--	--	
06/17/94	6.27	2.25	4.02	Sheen	--	--	--	--	--	--	--	--	--	--	
09/12/94	6.27	1.45	4.83	0.01	--	--	--	--	--	--	--	--	--	--	
11/30/94	6.27	2.27	4.00	--	--	INACCESSIBLE		--	--	--	--	--	--	--	
03/24/95	6.27	2.73	4.01	0.59	--	--	--	--	--	--	--	--	--	--	
06/27/95	6.27	1.71	4.96	0.50	0.013	--	--	--	--	--	--	--	--	--	
09/28/95	6.27	2.62	4.25	0.75	0.013	--	--	--	--	--	--	--	--	--	
12/19/95	6.27	1.99	4.76	0.60	0.010	--	--	--	--	--	--	--	--	--	
02/28/96	6.27	1.99	4.58	0.38	0.008	--	--	--	--	--	--	--	--	--	
06/25/96	6.27	2.36	4.29	0.47	0.030	--	--	--	--	--	--	--	--	--	
12/17/96	6.27	2.22	4.16	0.14	--	--	--	--	--	--	--	--	--	--	

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-0121  
3026 Lakeshore Avenue  
Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH		TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	ETHANOL ♦ (ppb)	TDS (ppb)
					REMOVED (gallons)										
<b>MW-2 (cont)</b>															
03/31/97	6.27	2.34	4.07	0.18	0.030	--	--	--	--	--	--	--	--	--	--
06/30/97	6.27	2.06	4.32	0.14	0.030	--	--	--	--	--	--	--	--	--	--
09/12/97	6.27	2.00	4.38	0.14	--	--	--	--	--	--	--	--	--	--	--
12/05/97	6.27	2.51	3.78	0.02	--	--	--	--	--	--	--	--	--	--	--
02/16/98	6.27	3.08	3.29	0.12	0.007	--	--	--	--	--	--	--	--	--	--
06/17/98	6.27	2.35	4.00	0.10	0.010	--	--	--	--	--	--	--	--	--	--
08/31/98	6.27	0.65	5.71	0.11	0.008	--	--	--	--	--	--	--	--	--	--
12/28/98	6.27	1.75	4.60	0.10	0.005	--	--	--	--	--	--	--	--	--	--
03/04/99	6.27	2.58	3.73	0.05	0.200	--	--	--	--	--	--	--	--	--	--
DESTROYED															
<b>MW-3</b>															
08/20/91	8.71	0.26	8.45	--	--	200	3,100	200	13	15	12	--	--	--	--
09/30/91	8.71	-0.03	8.74	--	--	--	1,000	150	8.3	13	6.7	--	--	--	--
10/28/91	8.71	-0.05	8.76	--	--	--	1,200	120	6.7	11	7.5	--	--	--	--
01/08/92	8.71	-0.06	8.77	--	--	--	410	120	0.9	4.1	3.4	--	--	--	--
01/13/92	8.71	--	--	--	--	220	--	--	--	--	--	--	--	--	--
06/23/92	8.71	0.03	8.68	--	--	<50	630	43	0.8	8.2	3.4	--	--	--	--
08/24/92	8.71	-0.14	8.85	--	--	--	--	--	--	--	--	--	--	--	--
09/21/92	8.71	-0.23	8.94	--	--	<50	1,800	730	1.4	66	39	--	--	--	--
10/26/92	8.71	-0.36	9.07	--	--	--	--	--	--	--	--	--	--	--	--
12/23/92	8.71	--	--	--	--	850	840	270	3.4	15	4.2	--	--	--	--
01/08/93	8.71	1.02	7.69	--	--	--	--	--	--	--	--	--	--	--	--
03/25/93	8.71	0.97	7.74	--	--	<10	760	270	4.0	10	5.0	--	--	--	--
06/11/93	8.71	0.19	8.52	--	--	--	200	32	1.0	5.0	2.0	--	--	--	5,600
09/29/93	8.71	2.66	6.05	--	--	--	9,300	2,800	60	270	62	--	--	--	--
12/20/93	8.71	-0.12	8.83	--	--	<10	460	250	4.0	8.0	4.0	--	--	--	--
03/07/94	8.71	0.64	8.07	--	--	<10	2,400	260	13	35	18	--	--	--	--
06/17/94	8.71	0.19	8.52	--	--	<50	1,000	200	4.0	6.6	6.7	--	--	--	--
09/12/94	8.71	-0.21	8.92	--	--	<50	360	130	3.4	4.8	3.3	130	--	--	--
11/30/94	8.71	0.58	8.13	--	--	INACCESSIBLE		--	--	--	--	--	--	--	--
03/24/95	8.71	1.93	6.78	--	--	1,200 <sup>2</sup>	4,100	920	<10	23	<10	70	--	--	--
06/27/95	8.71	0.49	8.22	--	--	1,000 <sup>2</sup>	3,100	640	16	31	<10	<50	--	--	--
09/28/95	8.71	-0.14	8.85	--	--	460 <sup>2</sup>	490	78	3.4	4.4	2.4	38	--	--	--
12/19/95	8.71	0.69	8.02	--	--	650 <sup>2</sup>	2,600	580	<10	25	<10	<50	--	--	--
02/28/96	8.71	1.16	7.55	--	--	780 <sup>2</sup>	1,500	510	<5.0	9.9	<5.0	<25	--	--	--

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-0121  
3026 Lakeshore Avenue  
Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH		TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	ETHANOL ♦ (ppb)	TDS (ppb)
					REMOVED (gallons)										
<b>MW-3 (cont)</b>															
06/25/96	8.71	0.34	8.37	--	--	1,200 <sup>2</sup>	1,300	390	7.8	14	6.5	31	--	--	--
12/17/96	8.71	0.41	8.30	--	--	1,100 <sup>2</sup>	760	85	<1.2	5.9	5.1	<6.2	--	--	--
03/31/97	8.71	0.52	8.19	--	--	1,300 <sup>2</sup>	2,000	380	12	24	12	<25	--	--	--
06/30/97	8.71	0.00	8.71	--	--	620 <sup>2</sup>	1,900	340	9.9	23	6.1	<25	--	--	--
09/12/97	8.71	1.07	7.64	--	--	400 <sup>2</sup>	1,200	200	4.6	14	4.8	3.9	--	--	--
12/05/97	8.71	0.46	8.25	--	--	190 <sup>2</sup>	460	72	2.7	5.2	1.7	<5.0	--	--	--
02/16/98	8.71	1.71	7.00	--	--	1,000 <sup>2</sup>	6,200	1,100	20	34	12	<50	--	--	--
06/17/98	8.71	0.71	8.00	--	--	1,100 <sup>2</sup>	3,000	350	<10	<10	<10	120	--	--	--
08/31/98	8.71	0.08	8.63	--	--	790 <sup>2</sup>	430	100	2.6	8.6	6.0	<12	--	--	--
12/28/98	8.71	-0.02	8.73	--	--	180 <sup>2</sup>	1,400	220	<10	12	<10	<50	--	--	--
03/04/99	8.71	1.06	7.65	--	--	763 <sup>2</sup>	2,880	355	9.15	19	<5.0	<20	--	--	--
DESTROYED															
<b>MW-4</b>															
08/20/91	7.37	1.32	5.05	--	--	160	1,800	870	4.0	3.0	9.0	--	--	--	--
09/30/91	7.37	1.70	5.67	--	--	--	670	830	5.5	2.7	12	--	--	--	--
10/28/91	7.37	1.56	5.81	--	--	--	2,800	990	5.8	4.8	19	--	--	--	--
01/08/92	7.37	2.03	5.34	--	--	--	2,900	1,200	10	7.0	18	--	--	--	--
01/13/92	7.37	--	--	--	--	1,000	--	--	--	--	--	--	--	--	--
06/23/92	7.37	2.00	5.37	--	--	<50	1,600	380	6.5	3.0	12	--	--	--	--
08/24/92	7.37	1.62	5.75	--	--	--	--	--	--	--	--	--	--	--	--
09/21/92	7.37	1.42	5.95	--	--	<50	1,200	480	5.6	3.7	11	--	--	--	--
10/26/92	7.37	1.41	5.96	--	--	--	--	--	--	--	--	--	--	--	--
12/23/92	7.37	--	--	--	--	1,800	1,500	700	3.6	3.2	11	--	--	--	--
01/08/93	7.37	2.73	4.64	--	--	--	--	--	--	--	--	--	--	--	--
03/25/93	7.37	2.95	4.42	--	--	<10	520	160	3.0	1.0	4.0	--	--	--	--
06/11/93	7.37	2.25	5.12	--	--	--	1,200	430	5.0	6.0	11	--	--	--	2,600
09/29/93	7.37	1.57	5.80	--	--	--	1,300	210	8.0	2.0	14	--	--	--	--
12/20/93	7.37	2.27	5.10	--	--	3,900	570	230	5.0	4.0	8.0	--	--	--	--
03/07/94	7.37	2.36	5.01	--	--	2,600	2,200	290	18	2.5	11	22,000	--	--	--
06/17/94	7.37	1.55	5.82	--	--	2,800	2,100	480	11	4.3	9.5	--	--	--	--
09/12/94	7.37	1.73	5.64	--	--	3,000	1,700	340	6.1	2.7	9.7	63,000	--	--	--
11/30/94	7.37	1.79	5.58	--	--	INACCESSIBLE		--	--	--	--	--	--	--	--
03/24/95	7.37	2.42	4.95	--	--	3,000 <sup>2</sup>	1,500	280	<5.0	<5.0	6.9	12,000	--	--	--
06/27/95	7.37	-1.42	8.79	--	--	3,100 <sup>2</sup>	<10,000	310	<100	<100	<100	32,000	--	--	--
09/28/95	7.37	1.52	5.85	--	--	6,300 <sup>2</sup>	330	64	1.1	<0.5	<0.5	630	--	--	--

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-0121  
3026 Lakeshore Avenue  
Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH		TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	ETHANOL ♦ (ppb)	TDS (ppb)
					REMOVED (gallons)										
<b>MW-4 (cont)</b>															
12/19/95	7.37	1.87	5.50	--	--	3,400 <sup>2</sup>	3,000	520	<25	<25	<25		44,000	--	--
02/28/96	7.37	2.27	5.10	--	--	4,700 <sup>2</sup>	<10,000	230	<100	<100	<100		32,000	--	--
06/25/96	7.37	1.59	5.78	--	--	3,100	<10,000	160	<100	<100	<100		31,000	--	--
12/17/96	7.37	1.42	5.95	--	--	3,600 <sup>3</sup>	<5,000	110	<50	<50	<50		22,000	--	--
03/31/97	7.37	1.75	5.62	--	--	2,700 <sup>2</sup>	<2,500	130	<25	<25	<25		16,000	--	--
06/30/97	7.37	1.34	6.03	--	--	2,700 <sup>2</sup>	<2,500	130	<25	<25	<25		14,000	--	--
09/12/97	7.37	1.68	5.69	--	--	2,100 <sup>2</sup>	<5,000	63	<50	<50	<50		15,000	--	--
12/05/97	7.37	2.22	5.15	--	--	2,600 <sup>2</sup>	1,300	120	<5.0	<5.0	8.5		15,000	--	--
02/16/98	7.37	1.11	6.26	--	--	1,300 <sup>2</sup>	1,200	57	4.5	<2.5	7.0		12,000	--	--
06/17/98	7.37	2.41	4.96	--	--	530 <sup>2</sup>	5,300	390	290	28	150		17,000	--	--
08/31/98	7.37	1.46	5.91	--	--	2,400 <sup>2</sup>	<50	89	<0.5	<0.5	<0.5		14,000/16,000 <sup>4</sup>	--	--
12/28/98	7.37	1.96	5.41	--	--	2,900 <sup>2</sup>	1,000	52	5.6	4.6	9.1		8,400	--	--
03/04/99	7.37	2.17	5.20	--	--	4,490 <sup>2</sup>	<2,500	85.5	40.9	<25	<25		11,400	--	--
DESTROYED															
<b>MW-7</b>															
08/24/92	5.26	-0.29	5.55	--	--	--	--	--	--	--	--	--	--	--	--
09/21/92	5.26	-0.39	5.65	--	--	<50	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
10/26/92	5.26	-0.25	5.51	--	--	--	--	--	--	--	--	--	--	--	--
12/23/92	5.26	1.31	3.95	--	--	60	<50	2.9	<0.5	<0.5	<0.5	--	--	--	--
01/08/93	5.26	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/25/93	5.26	2.76	2.50	--	--	<10	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
06/11/93	5.26	1.80	3.46	--	--	--	<50	0.6	<0.5	<0.5	<0.5	--	--	--	2,200
09/29/93	5.26	-0.26	5.52	--	--	<10	<50	2.0	1.0	1.0	7.0	--	--	--	--
12/20/93	5.26	0.85	4.41	--	--	<10	<50	2.0	<0.5	<0.5	<0.5	--	--	--	--
03/07/94	5.26	2.64	2.62	--	--	<10	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
06/17/94	5.26	1.99	3.27	--	--	<50	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
09/12/94	5.26	1.15	4.11	--	--	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--
11/30/94	5.26	2.50	2.76	--	--	92 <sup>1</sup>	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
03/24/95	5.26	3.06	2.20	--	--	<50	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
06/27/95	5.26	1.36	3.90	--	--	69 <sup>2</sup>	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
09/28/95	5.26	0.41	4.85	--	--	84 <sup>2</sup>	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
12/19/95	5.26	2.24	3.02	--	--	84 <sup>2</sup>	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--
02/28/96	5.26	3.83	1.43	--	--	99 <sup>2</sup>	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--
06/25/96	5.26	0.97	4.29	--	--	110 <sup>2</sup>	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--
12/17/96	5.26	3.08	2.18	--	--	54 <sup>2</sup>	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-0121  
3026 Lakeshore Avenue  
Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH		TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	ETHANOL ♦ (ppb)	TDS (ppb)
					REMOVED (gallons)										
<b>MW-7 (cont)</b>															
03/31/97	5.26	2.32	2.94	--	--	100 <sup>2</sup>	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<2.5	--	--
06/30/97	5.26	1.68	3.58	--	--	SAMPLED ANNUALLY		--	--	--	--	--	--	--	--
09/12/97	5.26	1.85	3.41	--	--	--	--	--	--	--	--	--	--	--	--
12/05/97	5.26	3.37	1.89	--	--	--	--	--	--	--	--	--	--	--	--
02/16/98	5.26	3.43	1.83	--	--	77 <sup>2</sup>	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<2.5	--	--
06/17/98	5.26	3.32	1.94	--	--	--	--	--	--	--	--	--	--	--	--
08/31/98	5.26	1.07	4.19	--	--	--	--	--	--	--	--	--	--	--	--
12/28/98	5.26	0.79	4.47	--	--	--	--	--	--	--	--	--	--	--	--
03/04/99	5.26	3.51	1.75	--	--	73.4	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<2.0	--	--
06/14/99	5.26	3.64	1.62	--	--	--	--	--	--	--	--	--	--	--	--
09/17/99	5.26	0.42	4.84	--	--	--	--	--	--	--	--	--	--	--	--
12/20/99	5.26	0.45	4.81	--	--	--	--	--	--	--	--	--	--	--	--
03/20/00	5.26	3.41	1.85	--	--	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<2.5	--	--
06/24/00	5.26	3.05	2.21	0.00	0.00	--	--	--	--	--	--	--	--	--	--
09/07/00	5.26	1.61	3.65	0.00	0.00	--	--	--	--	--	--	--	--	--	--
12/05/00	5.26	2.31	2.95	0.00	0.00	--	--	--	--	--	--	--	--	--	--
03/01/01	5.26	4.61	0.65	0.00	0.00	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--
06/04/01	5.26	3.74	1.52	0.00	0.00	--	--	--	--	--	--	--	--	--	--
09/10/01	5.26	1.08	4.18	0.00	0.00	SAMPLED ANNUALLY		--	--	--	--	--	--	--	--
12/03/01	5.26	4.20	1.06	0.00	0.00	SAMPLED ANNUALLY		--	--	--	--	--	--	--	--
03/04/02	5.26	3.76	1.50	0.00	0.00	<50	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--	--
05/30/02	5.26	2.51	2.75	0.00	0.00	SAMPLED ANNUALLY		--	--	--	--	--	--	--	--
09/03/02	5.26	2.24	3.02	0.00	0.00	SAMPLED ANNUALLY		--	--	--	--	--	--	--	--
12/09/02	5.26	2.41	2.85	0.00	0.00	SAMPLED ANNUALLY		--	--	--	--	--	--	--	--
03/10/03	5.26	3.32	1.94	0.00	0.00	85	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--	--
06/09/03	5.26	2.72	2.54	0.00	0.00	SAMPLED ANNUALLY		--	--	--	--	--	--	--	--
09/08/03	5.26	2.66	2.60	0.00	0.00	SAMPLED ANNUALLY		--	--	--	--	--	--	--	--
12/08/03	5.26	2.81	2.45	0.00	0.00	SAMPLED ANNUALLY		--	--	--	--	--	--	--	--
03/09/04 <sup>18</sup>	5.26	4.53	0.73	0.00	0.00	230	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<50	--
06/17/04	5.26	INACCESSIBLE - DUE TO ROAD WORK				--	--	--	--	--	--	--	--	--	--
09/15/04	5.26	INACCESSIBLE - DUE TO ROAD WORK				--	--	--	--	--	--	--	--	--	--
12/23/04	5.26	UNABLE TO LOCATE				--	--	--	--	--	--	--	--	--	--
03/24/05	5.26	UNABLE TO LOCATE - PAVED OVER				--	--	--	--	--	--	--	--	--	--
06/16/05	5.26	UNABLE TO LOCATE - PAVED OVER				--	--	--	--	--	--	--	--	--	--
09/16/05	5.26	UNABLE TO LOCATE - PAVED OVER				--	--	--	--	--	--	--	--	--	--
12/21/05	5.26	UNABLE TO LOCATE - PAVED OVER				--	--	--	--	--	--	--	--	--	--

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-0121  
3026 Lakeshore Avenue  
Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPH		TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	ETHANOL ♦ (ppb)	TDS (ppb)
				SPHT (ft.)	REMOVED (gallons)									
<b>MW-7 (cont)</b>														
03/23/06	5.26	UNABLE TO LOCATE - PAVED OVER				--	--	--	--	--	--	--	--	--
06/09/06	5.26	UNABLE TO LOCATE - PAVED OVER				--	--	--	--	--	--	--	--	--
09/05/06	5.26	UNABLE TO LOCATE - PAVED OVER				--	--	--	--	--	--	--	--	--
12/15/06	5.26	UNABLE TO LOCATE - PAVED OVER				--	--	--	--	--	--	--	--	--
DESTROYED														
<b>TRIP BLANK</b>														
08/24/92	--	--	--	--	--	--	--	--	--	--	--	--	--	--
09/21/92	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
10/26/92	--	--	--	--	--	--	--	--	--	--	--	--	--	--
12/23/92	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
01/08/93	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/25/93	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
06/11/93	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
09/29/93	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
12/20/93	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
03/07/94	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
06/17/94	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
09/12/94	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	1.0	--	--	--
11/30/94	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
03/24/95	--	--	--	--	--	--	<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	--	--	--
12/19/95	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
02/28/96	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
06/25/96	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
12/17/96	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--
03/31/97	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--
06/30/97	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--
09/12/97	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--
12/05/97	--	--	--	--	--	--	<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	--	--
06/17/98	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--
08/31/98	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--
12/28/98	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--
03/04/99	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0	--	--

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-0121  
3026 Lakeshore Avenue  
Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH		TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	ETHANOL ♦ (ppb)	TDS (ppb)
					REMOVED (gallons)	TPH-D (ppb)								
<b>TRIP BLANK (cont)</b>														
06/14/99	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--
09/17/99	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--
12/20/99	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--
03/20/00	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--
06/24/00	--	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--
09/07/00	--	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--
12/05/00	--	--	--	--	--	--	<50	<0.500	<0.500	<0.500	<0.500	<2.5	--	--
03/01/01	--	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--
06/04/01	--	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--
09/10/01	--	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--
<b>QA</b>														
12/03/01	--	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--
03/04/02	--	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--
05/30/02	--	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--
09/03/02	--	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--
12/09/02	--	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--
03/10/03	--	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--
06/09/03 <sup>18</sup>	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--
09/08/03 <sup>18</sup>	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--
12/08/03 <sup>18</sup>	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--
03/09/04 <sup>18</sup>	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--
06/17/04 <sup>18</sup>	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--
09/15/04 <sup>18</sup>	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--
12/23/04 <sup>18</sup>	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--
03/24/05 <sup>18</sup>	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--
06/16/05 <sup>18</sup>	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--
09/16/05 <sup>18</sup>	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--
12/21/05 <sup>18</sup>	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--
03/23/06 <sup>18</sup>	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--
06/09/06 <sup>18</sup>	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--
09/05/06 <sup>18</sup>	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--
12/15/06 <sup>18</sup>	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--
03/01/07 <sup>18</sup>	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--
06/05/07 <sup>18</sup>	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--



**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-0121  
3026 Lakeshore Avenue  
Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH		TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	ETHANOL ♦ (ppb)	TDS (ppb)	
					REMOVED (gallons)											
QA (cont)																
09/05/07 <sup>18</sup>	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--
12/05/07 <sup>18</sup>	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--
03/03/08 <sup>18</sup>	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-0121  
3026 Lakeshore Avenue  
Oakland, California

**EXPLANATIONS:**

Groundwater monitoring data and laboratory analytical results prior to June 24, 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

SPHT = Separate Phase Hydrocarbon Thickness

TPH-D = Total Petroleum Hydrocarbons as Diesel  
TPH-G = Total Petroleum Hydrocarbons as Gasoline

B = Benzene  
T = Toluene  
E = Ethylbenzene  
X = Xylenes

TDS = Total Dissolved Solids  
(ppb) = Parts per billion  
-- = Not Measured/Not Analyzed  
QA = Quality Assurance/Trip Blank

◆ Ethanol by EPA Method 8260.

<sup>1</sup> Chromatogram pattern indicates a non-diesel mix.

<sup>2</sup> Chromatogram pattern indicates an unidentified hydrocarbon.

<sup>3</sup> Chromatogram pattern indicates an unidentified hydrocarbon and weathered diesel.

<sup>4</sup> Confirmation run.

<sup>5</sup> ORC present in well.

<sup>6</sup> Laboratory report indicates gasoline and unidentified hydrocarbons >10.

<sup>7</sup> Laboratory report indicates gasoline C6-C12.

<sup>8</sup> Laboratory report indicates this sample was analyzed outside of the EPA recommended holding time.

<sup>9</sup> Laboratory report indicates unidentified hydrocarbons C9-C24.

<sup>10</sup> Laboratory report indicates unidentified hydrocarbons C10-C24.

<sup>11</sup> Laboratory report indicates unidentified hydrocarbons >C16.

<sup>12</sup> Laboratory report indicates unidentified hydrocarbons C9-C40.

<sup>13</sup> Laboratory report indicates diesel C9-C24 + unidentified hydrocarbons <C16.

<sup>14</sup> Laboratory report indicates weathered gasoline C6-C12.

<sup>15</sup> Laboratory report indicates unidentified hydrocarbons C6-C12.

<sup>16</sup> Laboratory report indicates hydrocarbon pattern is present in the requested fuel quantitation range but does not resemble the pattern of the requested fuel.

<sup>17</sup> Laboratory report indicates hydrocarbon pattern is present in the requested fuel quantitation range but does not resemble the pattern of the requested fuel. The pattern more closely resembles that of a heavier hydrocarbon mix.

<sup>18</sup> BTEX and MTBE by EPA Method 8260.

<sup>19</sup> Laboratory report indicates the observed sample pattern is not typical of diesel/#2 fuel oil.

<sup>20</sup> ORC removed from well.

<sup>21</sup> Laboratory report indicates the observed sample pattern is not typical of diesel/#2 fuel oil. It elutes in the DRO range later than #2 fuel and also has individual peaks eluting in the DRO range.

<sup>22</sup> Laboratory report indicates the observed sample pattern is not typical of #2 fuel/diesel. It contains two patterns in the DRO range, one earlier and one later than #2 fuel.

<sup>23</sup> Laboratory report indicates the observed sample pattern includes #2 fuel/diesel and an additional pattern which elutes later in the DRO range.

**Table 2**  
**Dissolved Oxygen Concentrations**  
Chevron Service Station #9-0121  
3026 Lakeshore Avenue  
Oakland, California

WELL ID	DATE	Before Purging (mg/L)	After Purging (mg/L)
MW-1	06/24/00 <sup>1</sup>	5.30	--
	09/07/00 <sup>1</sup>	4.02	--
	12/05/00 <sup>1</sup>	3.86	--
	03/01/01 <sup>1</sup>	3.04	--
	06/04/01 <sup>1</sup>	2.70	--
	09/10/01 <sup>1</sup>	2.40	--
	12/03/01 <sup>1</sup>	0.70	--
	03/04/02 <sup>1</sup>	1.10	--
	05/30/02 <sup>1</sup>	0.90	--
	09/03/02 <sup>1</sup>	1.20	--
	12/09/02 <sup>1</sup>	0.90	--
	03/10/03 <sup>1</sup>	1.00	--
	06/09/03 <sup>1</sup>	0.80	--
	09/08/03 <sup>1</sup>	0.60	--
	12/08/03 <sup>1</sup>	2.00	--

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**EXPLANATIONS:**

(mg/L) = Milligrams per liter

-- = Not Measured

<sup>1</sup> ORC present in well.

**Table 3**  
**Groundwater Analytical Results**  
Chevron Service Station #9-0121  
3026 Lakeshore Avenue  
Oakland, California

<b>WELL ID</b>	<b>DATE</b>	<b>Total Alkalinity (ppb)</b>	<b>Ferrous Iron (ppb)</b>	<b>Sulfate (ppb)</b>	<b>Nitrate (ppb)</b>
MW-1	12/28/98	390,000	4,900	<1,000	<1,000
MW-3	12/28/98	980,000	4,500	390,000	<1,000
MW-4	12/28/98	670,000	3,500	6,800	<1,000
MW-5	12/28/98	480,000	15	51,000	<1,000
MW-6	12/28/98	2,400,000	810	110,000	<1,000
MW-7	12/28/98	350,000	12,000	79,000	<1,000
MW-8	12/28/98	1,100,000	45	87,000	<1,000

**EXPLANATIONS:**

Groundwater laboratory analytical results were compiled from reports prepared by Blaine Tech Services, Inc.

(ppb) = Parts per billion

## 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.



# GETTLER-RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-0121  
 Site Address: 3026 Lakeshore Avenue  
 City: Oakland, CA

Job Number: 386462  
 Event Date: 03/03/08 (inclusive)  
 Sampler: AW

Well ID: MW-1  
 Well Diameter: 2 1/4 in.  
 Total Depth: 19.32 ft.  
 Depth to Water: 4.53 ft.  
14.79 xVF .66 = 9.7

Date Monitored: 03/03/08

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

Check if water column is less than 0.50 ft.  
 x3 case volume = Estimated Purge Volume: 29.5 gal.

Depth to Water w/ 80% Recharge ((Height of Water Column x 0.20) + DTW): 7.49

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

**Sampling Equipment:**  
 Disposable Bailer \_\_\_\_\_   
 Pressure Bailer \_\_\_\_\_  
 Discrete Bailer \_\_\_\_\_  
 Peristaltic Pump \_\_\_\_\_  
 QED Bladder Pump \_\_\_\_\_  
 Other: \_\_\_\_\_

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

Start Time (purge): 1352  
 Sample Time/Date: 1445 / 3-3-08  
 Approx. Flow Rate: 2.0 gpm.  
 Did well de-water? No If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal.  
 Weather Conditions: Sunny  
 Water Color: Clear Odor: Y  
 Sediment Description: Clear  
 DTW @ Sampling: 6.43

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm. @ 25°C)	Temperature (°C / °F)	D.O. (mg/L)	ORP (mV)
<u>1402</u>	<u>10.0</u>	<u>7.28</u>	<u>591</u>	<u>17.6</u>		
<u>1412</u>	<u>20.0</u>	<u>7.15</u>	<u>622</u>	<u>17.2</u>		
<u>1425</u>	<u>29.5</u>	<u>6.96</u>	<u>716</u>	<u>17.1</u>		

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-1	6 x voa vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8260)/ETHANOL (8260)
	2 x 500ml ambers	YES	NP	LANCASTER	TPH-D (8015)

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

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



# GETTLER-RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-0121  
 Site Address: 3026 Lakeshore Avenue  
 City: Oakland, CA

Job Number: 386462  
 Event Date: 03/03/08 (inclusive)  
 Sampler: AW

Well ID: MW-2A  
 Well Diameter: 2 1/4 in.  
 Total Depth: 16.74 ft.  
 Depth to Water: 5.13 ft.

Date Monitored: 03/03/08

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

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 7.45  
 Check if water column is less than 0.50 ft.  
 xVF .17 = 1.9 x3 case volume = Estimated Purge Volume: 6 gal.

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

**Sampling Equipment:**  
 Disposable Bailer  
 Pressure Bailer  
 Discrete Bailer  
 Peristaltic Pump  
 QED Bladder Pump  
 Other: \_\_\_\_\_

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

Start Time (purge): 1303 Weather Conditions: Sunny  
 Sample Time/Date: 1332 13-3-08 Water Color: Clear Odor: 01 N Slight  
 Approx. Flow Rate: \_\_\_\_\_ gpm. Sediment Description: Clear  
 Did well de-water? N If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal. DTW @ Sampling: 7.27

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - µS)	Temperature (° F)	D.O. (mg/L)	ORP (mV)
<u>1308</u>	<u>2.0</u>	<u>7.06</u>	<u>2229</u>	<u>18.3</u>		
<u>1311</u>	<u>4.0</u>	<u>7.01</u>	<u>2243</u>	<u>18.6</u>		
<u>1316</u>	<u>6.0</u>	<u>6.97</u>	<u>2267</u>	<u>18.8</u>		

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-2A	<u>6</u> x voa vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8260)/ETHANOL (8260)
	<u>2</u> -x 500ml ambers	YES	NP	LANCASTER	TPH-D (8015)

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

Add/Replaced Lock: \_\_\_\_\_ Add/Replaced Plug: \_\_\_\_\_ Add/Replaced Bolt: 1(5/16")



# GETTLER - RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-0121 Job Number: 386462  
 Site Address: 3026 Lakeshore Avenue Event Date: 03/03/08 (inclusive)  
 City: Oakland, CA Sampler: Amor C

Well ID: MW-3A Date Monitored: 03/03/08  
 Well Diameter: (2) 4 in.  
 Total Depth: 18.01 ft.  
 Depth to Water: 8.22 ft.  Check if water column is less than 0.50 ft.  
9.79 x VF .17 = 1.6 x3 case volume = Estimated Purge Volume: 5 gal.  
 Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 10.17

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 \_\_\_\_\_  
 Peristaltic Pump \_\_\_\_\_  
 QED Bladder Pump \_\_\_\_\_  
 Other: \_\_\_\_\_

**Sampling Equipment:**  
 Disposable Bailer   
 Pressure Bailer \_\_\_\_\_  
 Discrete Bailer \_\_\_\_\_  
 Peristaltic Pump \_\_\_\_\_  
 QED Bladder Pump \_\_\_\_\_  
 Other: \_\_\_\_\_

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

Start Time (purge): 1312 Weather Conditions: Clean  
 Sample Time/Date: 1340 / 3/3/08 Water Color: Cloudy Odor: P/N Slight  
 Approx. Flow Rate: \_\_\_\_\_ gpm. Sediment Description: light  
 Did well de-water? No If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal. DTW @ Sampling: 9.12

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm) (µS)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
<u>1317</u>	<u>2</u>	<u>6.81</u>	<u>2567</u>	<u>17.6</u>	_____	_____
<u>1322</u>	<u>4</u>	<u>6.76</u>	<u>2836</u>	<u>17.9</u>	_____	_____
<u>1326</u>	<u>5</u>	<u>6.75</u>	<u>2844</u>	<u>18.1</u>	_____	_____

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-3A</u>	<u>6</u> x vov vial	YES	HCL	LANCASTER	TPH-G(8015)/BTX+MTBE(8260)/ETHANOL (8260)
	<u>2</u> x 500ml ambers	YES	NP	LANCASTER	TPH-D (8015)

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

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





# GETTLER-RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-0121 Job Number: 386462  
 Site Address: 3026 Lakeshore Avenue Event Date: 03/03/08 (inclusive)  
 City: Oakland, CA Sampler: Aaron C

Well ID: MW-4A Date Monitored: 03/03/08  
 Well Diameter: 214 in.  
 Total Depth: 18.53 ft.  
 Depth to Water: 5.83 ft.  
 Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 8.37

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

Check if water column is less than 0.50 ft.  
 xVF 17 = 2.1 x3 case volume = Estimated Purge Volume: 6.5 gal.

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

**Sampling Equipment:**  
 Disposable Bailer   
 Pressure Bailer \_\_\_\_\_  
 Discrete Bailer \_\_\_\_\_  
 Peristaltic Pump \_\_\_\_\_  
 QED Bladder Pump \_\_\_\_\_  
 Other: \_\_\_\_\_

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

Start Time (purge): 1221 Weather Conditions: Clear  
 Sample Time/Date: 1255 / 3/3/8 Water Color: Clr Yellow Odor: Y/N Slight  
 Approx. Flow Rate: \_\_\_\_\_ gpm. Sediment Description: \_\_\_\_\_  
 Did well de-water? No If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal. DTW @ Sampling: 7.61

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - µS)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
<u>1226</u>	<u>2</u>	<u>6.71</u>	<u>2860</u>	<u>16.5</u>	_____	_____
<u>1232</u>	<u>4</u>	<u>6.62</u>	<u>2927</u>	<u>17.1</u>	_____	_____
<u>1238</u>	<u>6.5</u>	<u>6.60</u>	<u>2939</u>	<u>17.3</u>	_____	_____

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-4A</u>	<u>6</u> x voa vial	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-G(8015)/BTEX+MTBE(8260)/ETHANOL (8260)</u>
	<u>2</u> x 500ml ambers	<u>YES</u>	<u>NP</u>	<u>LANCASTER</u>	<u>TPH-D (8015)</u>

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

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



# GETTLER - RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-0121  
 Site Address: 3026 Lakeshore Avenue  
 City: Oakland, CA

Job Number: 386462  
 Event Date: 03/03/08 (inclusive)  
 Sampler: Aaron C/Alyx W

Well ID: MW-5  
 Well Diameter: 21.4 in.  
 Total Depth: 32.79 ft.  
 Depth to Water: 10.51 ft.  
22.28 xVF .17 = 3.7  
 Depth to Water w/ 80% Recharge ((Height of Water Column x 0.20) + DTW): 14.96

Date Monitored: 03/03/08

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

Check if water column is less than 0.50 ft.  
 x3 case volume = Estimated Purge Volume: 11.5 gal.

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

**Sampling Equipment:**  
 Disposable Bailer  \_\_\_\_\_  
 Pressure Bailer \_\_\_\_\_  
 Discrete Bailer \_\_\_\_\_  
 Peristaltic Pump \_\_\_\_\_  
 QED Bladder Pump \_\_\_\_\_  
 Other: \_\_\_\_\_

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

Start Time (purge): 1122  
 Sample Time/Date: 1150 / 3/3/08  
 Approx. Flow Rate: 2 gpm.  
 Did well de-water? No If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal. DTW @ Sampling: 14.77  
 Weather Conditions: Clean  
 Water Color: Clean Odor: Y / (N)  
 Sediment Description: \_\_\_\_\_

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm US)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
<u>1124</u>	<u>4</u>	<u>7.12</u>	<u>1046</u>	<u>17.8</u>	_____	_____
<u>1126</u>	<u>8</u>	<u>7.05</u>	<u>1104</u>	<u>18.3</u>	_____	_____
<u>1129</u>	<u>12</u>	<u>7.01</u>	<u>1094</u>	<u>18.5</u>	_____	_____

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-5	6 x vov vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8260)/ETHANOL (8260)
	2 x 500ml ambers	YES	NP	LANCASTER	TPH-D (8015)

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

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



# GETTLER - RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-0121 Job Number: 386462  
 Site Address: 3026 Lakeshore Avenue Event Date: 03/03/08 (inclusive)  
 City: Oakland, CA Sampler: ACTAW

Well ID: MW-6 Date Monitored: 03/03/08  
 Well Diameter: (2) 4 in. Volume 3/4"= 0.02 1"= 0.04 2"= 0.17 3"= 0.38  
 Total Depth: 18.24 ft. Factor (VF) 4"= 0.66 5"= 1.02 6"= 1.50 12"= 5.80  
 Depth to Water: 5.86 ft.  Check if water column is less than 0.50 ft.  
12-38 xVF .17 = 2.1 x3 case volume = Estimated Purge Volume: 6.5 gal.  
 Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 8.33

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

**Sampling Equipment:**  
 Disposable Bailer   
 Pressure Bailer \_\_\_\_\_  
 Discrete Bailer \_\_\_\_\_  
 Peristaltic Pump \_\_\_\_\_  
 QED Bladder Pump \_\_\_\_\_  
 Other: \_\_\_\_\_

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

Start Time (purge): 1021 Weather Conditions: Clear  
 Sample Time/Date: 1050/3/3/8 Water Color: Cloudy Odor: Y/N  
 Approx. Flow Rate: \_\_\_\_\_ gpm. Sediment Description: moderate  
 Did well de-water? No If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal. DTW @ Sampling: 6.87

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - µS)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
<u>1026</u>	<u>2</u>	<u>6.89</u>	<u>Out of Range</u>	<u>19.4</u>	_____	_____
<u>1031</u>	<u>4</u>	<u>6.80</u>	<u>Out of Range</u>	<u>20.2</u>	_____	_____
<u>1037</u>	<u>6.5</u>	<u>6.76</u>	<u>Out of Range</u>	<u>20.0</u>	_____	_____

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW- <u>6</u>	<u>6</u> x voa vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8260)/ETHANOL (8260)
	<u>2</u> x 500ml ambers	YES	NP	LANCASTER	TPH-D (8015)

COMMENTS: Strong Rxn w/ HCL

Add/Replaced Lock: \_\_\_\_\_ Add/Replaced Plug: \_\_\_\_\_ Add/Replaced Bolt: 1 (3/8")



# GETTLER-RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-0121 Job Number: 386462  
 Site Address: 3026 Lakeshore Avenue Event Date: 07/03/08 (inclusive)  
 City: Oakland, CA Sampler: AW

Well ID: MW-8 Date Monitored: 03/03/08  
 Well Diameter: (2) 4 in. Volume: 3/4"= 0.02 1"= 0.04 2"= 0.17 3"= 0.38  
 Total Depth: 25.11 ft. Factor (VF): 4"= 0.66 5"= 1.02 6"= 1.50 12"= 5.80  
 Depth to Water: 7.13 ft.  Check if water column is less than 0.50 ft.  
 Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 10.73 x3 case volume = Estimated Purge Volume: 9.0 gal.

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

**Sampling Equipment:**  
 Disposable Bailer \_\_\_\_\_ ✓  
 Pressure Bailer \_\_\_\_\_  
 Discrete Bailer \_\_\_\_\_  
 Peristaltic Pump \_\_\_\_\_  
 QED Bladder Pump \_\_\_\_\_  
 Other: \_\_\_\_\_

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

Start Time (purge): 1215 Weather Conditions: Sunny  
 Sample Time/Date: 1245 13/3/08 Water Color: Clear Odor: Y/O  
 Approx. Flow Rate: 2.9 gpm. Sediment Description: Clear  
 Did well de-water? No If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal. DTW @ Sampling: 9.89

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - (US))	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
1217	3.0	7.02	2944	17.6		
1219	6.0	6.91	2987	17.8		
1222	9.0	6.87	3016	17.9		

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-8	6 x vov vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8260)/ETHANOL (8260)
	2 x 500ml ambers	YES	NP	LANCASTER	TPH-D (8015)

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

Add/Replaced Lock: \_\_\_\_\_ Add/Replaced Plug: \_\_\_\_\_ Add/Replaced Bolt: 2 (3/8")



# GETTLER-RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-0121 Job Number: 386462  
 Site Address: 3026 Lakeshore Avenue Event Date: 03/03/08 (inclusive)  
 City: Oakland, CA Sampler: Aaron C

Well ID: MW-9 Date Monitored: 03/03/08  
 Well Diameter: 214 in. Volume: 3/4"= 0.02 1"= 0.04 2"= 0.17 3"= 0.38  
 Total Depth: 15.61 ft. Factor (VF): 4"= 0.66 5"= 1.02 6"= 1.50 12"= 5.80  
 Depth to Water: 3.59 ft.  Check if water column is less than 0.50 ft.  
 Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 5.99 x3 case volume = Estimated Purge Volume: 6 gal.

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

**Sampling Equipment:** Disposable Bailer  Pressure Bailer \_\_\_\_\_ Discrete Bailer \_\_\_\_\_ Peristaltic Pump \_\_\_\_\_ QED Bladder Pump \_\_\_\_\_ Other: \_\_\_\_\_

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

Start Time (purge): 1358 Weather Conditions: Clear  
 Sample Time/Date: 1430 1/3/08 Water Color: Cloudy Odor: (N) Slight  
 Approx. Flow Rate: \_\_\_\_\_ gpm. Sediment Description: \_\_\_\_\_  
 Did well de-water? No If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal. DTW @ Sampling: 5.60

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - µS)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
<u>1404</u>	<u>2</u>	<u>7.58</u>	<u>487</u>	<u>16.8</u>	_____	_____
<u>1410</u>	<u>4</u>	<u>7.39</u>	<u>506</u>	<u>17.4</u>	_____	_____
<u>1417</u>	<u>6</u>	<u>7.33</u>	<u>518</u>	<u>17.8</u>	_____	_____

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-9</u>	<u>6</u> x voa vial	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-G(8015)/BTEX+MTBE(8260)/ETHANOL (8260)</u>
	<u>2</u> x 500ml ambers	<u>YES</u>	<u>NP</u>	<u>LANCASTER</u>	<u>TPH-D (8015)</u>

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

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

# Chevron California Region Analysis Request/Chain of Custody



03 04 08-09

For Lancaster Laboratories use only

Acct. #: 10904

Sample # 5296143-151

Group #: 001097

Group 1080312

Facility #: <b>SS#9-0121-OML G-R#386462 Global ID#T0600100328</b> Site Address: <b>3026 LAKESHORE AVENUE, OAKLAND, CA</b> Chevron PM: <b>OS</b> Lead Consultant: <b>CRACE</b> <b>G-R, Inc., 6747 Sierra Court, Suite J, Dublin, Ca. 94568</b> Consultant/Office: <b>Deanna L. Harding (deanna@grinc.com)</b> Consultant Prj. Mgr.: Consultant Phone #: <b>925-551-7555</b> Fax #: <b>925-551-7899</b> Sampler: <b>Aaron Chanell A. Wong</b>				<b>Matrix</b> <input type="checkbox"/> Potable <input type="checkbox"/> NPDES <input type="checkbox"/> Soil <input type="checkbox"/> Water <input type="checkbox"/> Oil <input type="checkbox"/> Air		<b>Analyses Requested</b> Preservation Codes: <b>HH</b> Total Number of Containers: <b>8260</b> BTEX + MTBE 8260 <input type="checkbox"/> TPH 9015 MOD GRO <input type="checkbox"/> TPH 9015 MOD DRO <input type="checkbox"/> Silica Gel Cleanup 8260 full scan Oxygenates Total Lead Method Dissolved Lead Method <b>Ethanol (8260)</b>										<b>Preservative Codes</b> H = HCl T = Thiosulfate N = HNO <sub>3</sub> B = NaOH S = H <sub>2</sub> SO <sub>4</sub> O = Other <input type="checkbox"/> J value reporting needed <input checked="" type="checkbox"/> Must meet lowest detection limits possible for 8260 compounds 8021 MTBE Confirmation <input type="checkbox"/> Confirm highest hit by 8260 <input type="checkbox"/> Confirm all hits by 8260 <input type="checkbox"/> Run ___ oxy's on highest hit <input type="checkbox"/> Run ___ oxy's on all hits		
Sample Identification	Date Collected	Time Collected	Grab	Composite	Soil	Water	Oil	Air	Total Number of Containers	BTEX + MTBE 8260	TPH 9015 MOD GRO	TPH 9015 MOD DRO	8260 full scan	Oxygenates	Total Lead Method	Dissolved Lead Method	Ethanol (8260)	Comments / Remarks
QA	3-3-8	—	X			X				X	X	X	X				X	
MW-1		1445	X			X				X	X	X	X				X	
MW-2A		1332	X			X				X	X	X	X				X	
MW-3A		1340	X			X				X	X	X	X				X	
MW-4A		1255	X			X				X	X	X	X				X	
MW-5		1150	X			X				X	X	X	X				X	
MW-6		1050	X			X				X	X	X	X				X	
MW-8		1245	X			X				X	X	X	X				X	
MW-9		1430	X			X				X	X	X	X				X	

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

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

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

QC Summary      Type I - Full      **EDF/EDD**  
 Type VI (Raw Data)       Coelt Deliverable not needed  
 WIP (RWQCB)  
 Disk

Relinquished by: <i>[Signature]</i>	Date: 3-4-08	Time: 1615	Received by: <i>[Signature]</i>	Date: 04 MAR 08	Time: 1645
Relinquished by: <i>[Signature]</i>	Date: 05 MAR 08	Time: 1630	Received by: DHL	Date:	Time:
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by Commercial Carrier: UPS      FedEx      Other: <i>[Signature]</i>	Temperature Upon Receipt: <i>10.3-1</i> °C		Received by: <i>[Signature]</i>	Date: 3/4/08	Time: 1640
Custody Seals Intact: Yes <input checked="" type="checkbox"/>					



# 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

GETTLER-RYAN, INC.  
GENERAL CONTRACTORS

## SAMPLE GROUP

The sample group for this submittal is 1080312. Samples arrived at the laboratory on Thursday, March 06, 2008. The PO# for this group is 0015014975 and the release number is SKANCE.

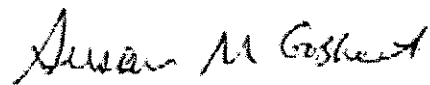
<u>Client Description</u>	<u>Lancaster Labs Number</u>
QA-T-080303 NA Water	5296143
MW-1-W-080303 Grab Water	5296144
MW-2A-W-080303 Grab Water	5296145
MW-3A-W-080303 Grab Water	5296146
MW-4A-W-080303 Grab Water	5296147
MW-5-W-080303 Grab Water	5296148
MW-6-W-080303 Grab Water	5296149
MW-8-W-080303 Grab Water	5296150
MW-9-W-080303 Grab Water	5296151

ELECTRONIC COPY TO CRA c/o Gettler-Ryan

Attn: Cheryl Hansen

Questions? Contact your Client Services Representative  
Angela M Miller at (717) 656-2300

Respectfully Submitted,



Susan M. Goshert  
Group Leader





# Analysis Report

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

Lancaster Laboratories Sample No. WW5296143

Group No. 1080312

QA-T-080303 NA Water  
Facility# 90121 Job# 386462 GRD  
3026 Lakeshore Ave-Oakland T0600100328 QA  
Collected: 03/03/2008

Account Number: 10904

Submitted: 03/06/2008 10:10  
Reported: 03/20/2008 at 16:29  
Discard: 04/20/2008

Chevron  
6001 Bollinger Canyon Rd L4310  
San Ramon CA 94583

0121Q

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	N.D.	50.	ug/l	1
The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.						
06054	ETEX-MTBE by 8260E					
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	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01728	TPH-GRO - Waters	SW-846 8015E modified	1	03/10/2008 06:41	Steven A Skiles	1
06054	ETEX+MTBE by 8260E	SW-846 8260E	1	03/12/2008 02:19	Michael A Ziegler	1
01146	GC VOA Water Prep	SW-846 5030E	1	03/10/2008 06:41	Steven A Skiles	1
01163	GC/MS VOA Water Prep	SW-846 5030E	1	03/12/2008 02:19	Michael A Ziegler	1

Lancaster Laboratories Sample No. WW5296144

Group No. 1080312

MW-1-W-080303 Grab Water  
 Facility# 90121 Job# 386462 GRD  
 3026 Lakeshore Ave-Oakland T0600100328 MW-1  
 Collected: 03/03/2008 14:45 by AC

Account Number: 10904

Submitted: 03/06/2008 10:10  
 Reported: 03/20/2008 at 16:29  
 Discard: 04/20/2008

Chevron  
 6001 Bollinger Canyon Rd L4310  
 San Ramon CA 94583

01211

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	1,500.	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.					
06609	TPH-DRO (Waters)	n.a.	1,400.	50.	ug/l	1
06067	ETEX, MTBE, ETOH					
01587	Ethanol	64-17-5	N.D.	50.	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	36.	0.5	ug/l	1
05401	Benzene	71-43-2	13.	0.5	ug/l	1
05407	Toluene	108-88-3	2.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	2.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	3.	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	03/10/2008 11:07	Steven A Skiles	1
06609	TPH-DRO (Waters)	SW-846 8015E	1	03/11/2008 01:30	Diane V Do	1
06067	ETEX, MTBE, ETOH	SW-846 8260E	1	03/12/2008 01:48	Michael A Ziegler	1
01146	GC VOA Water Prep	SW-846 5030E	1	03/10/2008 11:07	Steven A Skiles	1
01163	GC/MS VOA Water Prep	SW-846 5030E	1	03/12/2008 01:48	Michael A Ziegler	1
02376	Extraction - Fuel/TPH (Waters)	SW-846 2510C	1	03/10/2008 10:45	Jessica Agosto	1

Lancaster Laboratories Sample No. WW5296145

Group No. 1080312

MW-2A-W-080303 Grab Water  
 Facility# 90121 Job# 386462 GRD  
 3026 Lakeshore Ave-Oakland T0600100328 MW-2A  
 Collected: 03/03/2008 13:32 by AC

Account Number: 10904

Submitted: 03/06/2008 10:10  
 Reported: 03/20/2008 at 16:29  
 Discard: 04/20/2008

Chevron  
 6001 Bollinger Canyon Rd L4310  
 San Ramon CA 94583

01212

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	960.	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.					
06609	TPH-DRO (Waters)	n.a.	2,100.	50.	ug/l	1
06067	ETEX, MTBE, ETOH					
01587	Ethanol	64-17-5	N.D.	50.	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	520.	0.5	ug/l	1
05401	Benzene	71-43-2	85.	0.5	ug/l	1
05407	Toluene	108-88-3	3.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	3.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	5.	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	Trial#	Analysis		Analyst	Dilution Factor
				Date	Time		
01728	TPH-GRO - Waters	SW-846 8015E modified	1	03/10/2008	11:36	Steven A Skiles	1
06609	TPH-DRO (Waters)	SW-846 8015E	1	03/13/2008	06:05	Diane V Do	1
06067	ETEX, MTBE, ETOH	SW-846 8260E	1	03/12/2008	02:11	Michael A Ziegler	1
01146	GC VOA Water Prep	SW-846 5030E	1	03/10/2008	11:36	Steven A Skiles	1
01163	GC/MS VOA Water Prep	SW-846 5030E	1	03/12/2008	02:11	Michael A Ziegler	1
02376	Extraction - Fuel/TPH (Waters)	SW-846 3510C	1	03/10/2008	16:00	Mitchell E Crawford	1

Lancaster Laboratories Sample No. WW5296146

Group No. 1080312

 MW-3A-W-080303 Grab Water  
 Facility# 90121 Job# 386462 GRD  
 3026 Lakeshore Ave-Oakland T0600100328 MW-3A  
 Collected: 03/03/2008 13:40 by AC

Account Number: 10904

 Submitted: 03/06/2008 10:10  
 Reported: 03/20/2008 at 16:29  
 Discard: 04/20/2008

 Chevron  
 6001 Bollinger Canyon Rd L4310  
 San Ramon CA 94583

01213

CAT No.	Analysis Name	CAS Number	As Received	As Received	Units	Dilution Factor
			Result	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.					
06609	TPH-DRO (Waters)	n.a.	240.	50.	ug/l	1
06067	BTEX, MTBE, ETOH					
01567	Ethanol	64-17-5	N.D.	50.	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	9.	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	03/17/2008 13:36		Patrick N Evans	1
06609	TPH-DRO (Waters)	SW-846 8015E	1	03/13/2008 02:14		Diane V Do	1
06067	BTEX, MTBE, ETOH	SW-846 8260E	1	03/12/2008 02:34		Michael A Ziegler	1
01146	GC VOA Water Prep	SW-846 5030E	2	03/17/2008 13:36		Patrick N Evans	1
01163	GC/MS VOA Water Prep	SW-846 5030E	1	03/12/2008 02:34		Michael A Ziegler	1
02376	Extraction - Fuel/TPH (Waters)	SW-846 3510C	1	03/10/2008 16:00		Mitchell B Crawford	1

Lancaster Laboratories Sample No. WW5296147

Group No. 1080312

 MW-4A-W-080303 Grab Water  
 Facility# 90121 Job# 386462 GRD  
 3026 Lakeshore Ave-Oakland T0600100328 MW-4A  
 Collected: 03/03/2008 12:55 by AC

Account Number: 10904

 Submitted: 03/06/2008 10:10  
 Reported: 03/20/2008 at 16:29  
 Discard: 04/20/2008

 Chevron  
 6001 Bollinger Canyon Rd L4310  
 San Ramon CA 94583

01214

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Units	Dilution Factor
				Method	Detection Limit		
01728	TPH-GRO - Waters	n.a.	2,700.		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.						
06609	TPH-DRO (Waters)	n.a.	4,900.		60.	ug/l	2
06067	ETEX, MTBE, ETOH						
01587	Ethanol	64-17-5	N.D.		50.	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	700.		0.5	ug/l	1
05401	Benzene	71-43-2	13.		0.5	ug/l	1
05407	Toluene	108-88-3	6.		0.5	ug/l	1
05415	Ethylbenzene	100-41-4	9.		0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	7.		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	Trial#	Analysis		Analyst	Dilution Factor
				Date	Time		
01728	TPH-GRO - Waters	SW-846 8015E modified	1	03/10/2008	12:35	Steven A Skiles	5
06609	TPH-DRO (Waters)	SW-846 8015E	1	03/13/2008	06:43	Diane V De	2
06067	ETEX, MTBE, ETOH	SW-846 8260E	1	03/12/2008	02:57	Michael A Ziegler	1
01146	GC VOA Water Prep	SW-846 5030E	1	03/10/2008	12:35	Steven A Skiles	1
01163	GC/MS VOA Water Prep	SW-846 5030E	1	03/12/2008	02:57	Michael A Ziegler	1
02376	Extraction - Fuel/TPH (Waters)	SW-846 3510C	1	03/10/2008	16:00	Mitchell B Crawford	1



# Analysis Report

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Lancaster Laboratories Sample No. WW5296148

Group No. 1080312

MW-5-W-080303 Grab Water  
 Facility# 90121 Job# 386462 GRD  
 3026 Lakeshore Ave-Oakland T0600100328 MW-5  
 Collected: 03/03/2008 11:50 by AC

Account Number: 10904

Submitted: 03/06/2008 10:10  
 Reported: 03/20/2008 at 16:29  
 Discard: 04/20/2008

Chevron  
 6001 Bollinger Canyon Rd L4310  
 San Ramon CA 94583

01215

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.					
06609	TPH-DRO (Waters)	n.a.	89.	50.	ug/l	1
06067	ETEX, MTBE, ETOH					
01587	Ethanol	64-17-5	N.D.	50.	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	1.	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	03/10/2008 16:31	Steven A Skiles	1
06609	TPH-DRO (Waters)	SW-846 8015B	1	03/13/2008 02:34	Diane V Do	1
06067	ETEX, MTBE, ETOH	SW-846 8260B	1	03/12/2008 03:21	Michael A Ziegler	1
01146	GC VOA Water Prep	SW-846 5030B	1	03/10/2008 16:31	Steven A Skiles	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	03/12/2008 03:21	Michael A Ziegler	1
02376	Extraction - Fuel/TPH (Waters)	SW-846 3510C	1	03/10/2008 16:00	Mitchell B Crawford	1



# Analysis Report

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Lancaster Laboratories Sample No. WW5296149

Group No. 1080312

MW-6-W-080303 Grab Water

Facility# 90121 Job# 386462 GRD

3026 Lakeshore Ave-Oakland T0600100328 MW-6

Collected: 03/03/2008 10:50 by AC

Account Number: 10904

Submitted: 03/06/2008 10:10

Reported: 03/20/2008 at 16:29

Discard: 04/20/2008

Chevron

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

01216

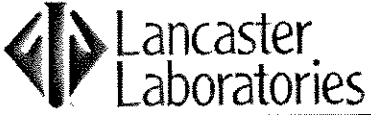
CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	82.	50.	ug/l	1
The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. Preservation requirements were not met. The vial submitted for volatile analysis did not have a pH < 2 at the time of analysis. Due to the volatile nature of the analytes, it is not appropriate for the laboratory to adjust the pH at the time of sample receipt. The pH of this sample was pH = 6.						
06609	TPH-DRO (Waters)	n.a.	1,800.	150.	ug/l	5
06067	BTEX, MTBE, ETOH					
01587	Ethanol	64-17-5	N.D.	50.	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
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
Preservation requirements were not met. The vial submitted for volatile analysis did not have a pH < 2 at the time of analysis. Due to the volatile nature of the analytes, it is not appropriate for the laboratory to adjust the pH at the time of sample receipt. The pH of this sample was pH = 5.						

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 8015E modified	1	03/10/2008 17:46	Steven A Skiles	1
06609	TPH-DRO (Waters)	SW-846 8015E	1	03/13/2008 07:41	Diane V Do	5
06067	BTEX, MTBE, ETOH	SW-846 8260E	1	03/13/2008 07:35	Ginelle L Feister	1
01146	GC VOA Water Prep	SW-846 5030E	1	03/10/2008 17:46	Steven A Skiles	1
01163	GC/MS VOA Water Prep	SW-846 5030E	1	03/13/2008 07:35	Ginelle L Feister	1



# Analysis Report

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Lancaster Laboratories Sample No. WW5296149

Group No. 1080312

MW-6-W-080303 Grab Water  
Facility# 90121 Job# 386462 GRD  
3026 Lakeshore Ave-Oakland T0600100328 MW-6  
Collected: 03/03/2008 10:50 by AC

Account Number: 10904

Submitted: 03/06/2008 10:10  
Reported: 03/20/2008 at 16:29  
Discard: 04/20/2008

Chevron  
6001 Bollinger Canyon Rd L4310  
San Ramon CA 94583

01216  
02376 Extraction - Fuel/TPH SW-846 3510C 1 03/10/2008 16:00 Mitchell B Crawford 1  
(Waters)





# Analysis Report

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Lancaster Laboratories Sample No. WW5296150

Group No. 1080312

MW-8-W-080303 Grab Water  
 Facility# 90121 Job# 386462 GRD  
 3026 Lakeshore Ave-Oakland T0600100328 MW-8  
 Collected: 03/03/2008 12:45 by AC

Account Number: 10904

Submitted: 03/06/2008 10:10  
 Reported: 03/20/2008 at 16:29  
 Discard: 04/20/2008

Chevron  
 6001 Bollinger Canyon Rd L4310  
 San Ramon CA 94583

01218

CAT No.	Analysis Name	CAS Number	As Received	As Received	Units	Dilution Factor
			Result	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.					
06609	TPH-DRO (Waters)	n.a.	510.	50.	ug/l	1
06067	BTEX, MTBE, ETOH					
01587	Ethanol	64-17-5	N.D.	50.	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	0.9	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	03/10/2008 18:15	Steven A Skiles	1
06609	TPH-DRO (Waters)	SW-846 8015E	1	03/13/2008 06:24	Diane V De	1
06067	BTEX, MTBE, ETOH	SW-846 8260E	1	03/12/2008 04:07	Michael A Ziegler	1
01146	GC VOA Water Prep	SW-846 5030E	1	03/10/2008 18:15	Steven A Skiles	1
01163	GC/MS VOA Water Prep	SW-846 5030E	1	03/12/2008 04:07	Michael A Ziegler	1
02376	Extraction - Fuel/TPH (Waters)	SW-846 3510C	1	03/10/2008 16:00	Mitchell B Crawford	1



# Analysis Report

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Lancaster Laboratories Sample No. WW5296151

Group No. 1080312

MW-9-W-080303 Grab Water  
Facility# 90121 Job# 386462 GRD  
3026 Lakeshore Ave-Oakland T0600100328 MW-9  
Collected: 03/03/2008 14:30 by AC

Account Number: 10904

Submitted: 03/06/2008 10:10  
Reported: 03/20/2008 at 16:29  
Discard: 04/20/2008

Chevron  
6001 Bollinger Canyon Rd L4310  
San Ramon CA 94583

01219

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Dilution Factor
				Method	Units	
01728	TPH-GRO - Waters	n.a.	2,500.	Detection Limit 50.	ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
06609	TPH-DRO (Waters)	n.a.	1,000.	50.	ug/l	1
06067	BTEX, MTBE, ETOH					
01587	Ethanol	64-17-5	N.D.	50.	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	26.	0.5	ug/l	1
05401	Benzene	71-43-2	0.6	0.5	ug/l	1
05407	Toluene	108-88-3	0.6	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	1.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	2.	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	Trial#	Analysis		Analyst	Dilution Factor
				Date	Time		
01728	TPH-GRO - Waters	SW-846 8015B modified	1	03/10/2008	18:45	Steven A Skiles	1
06609	TPH-DRO (Waters)	SW-846 8015E	1	03/13/2008	02:53	Diane V Do	1
06067	BTEX, MTBE, ETOH	SW-846 8260E	1	03/13/2008	08:00	Ginelle L Feister	1
01146	GC VOA Water Prep	SW-846 5030E	1	03/10/2008	18:45	Steven A Skiles	1
01163	GC/MS VOA Water Prep	SW-846 5030E	1	03/13/2008	08:00	Ginelle L Feister	1
02376	Extraction - Fuel/TPH (Waters)	SW-846 3510C	1	03/10/2008	16:00	Mitchell B Crawford	1

## Quality Control Summary

 Client Name: Chevron  
 Reported: 03/20/08 at 04:29 PM

Group Number: 1080312

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: 080680023A TPH-DRO (Waters)	N.D.	29.	Sample number(s): 5296144 ug/l	93	91	63-119	1	20
Batch number: 080680024A TPH-DRO (Waters)	N.D.	29.	Sample number(s): 5296145-5296151 ug/l	90	91	63-119	1	20
Batch number: 08070A08A TPH-GRO - Waters	N.D.	50.	Sample number(s): 5296143-5296145, 5296147-5296151 ug/l	118	121	75-135	3	30
Batch number: 08077A51A TPH-GRO - Waters	N.D.	50.	Sample number(s): 5296146 ug/l	111	115	75-135	4	30
Batch number: D080714AA Ethanol	N.D.	50.	Sample number(s): 5296144-5296148, 5296150 ug/l			31-166		
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	102		73-119		
Benzene	N.D.	0.5	ug/l	95		78-119		
Toluene	N.D.	0.5	ug/l	99		85-115		
Ethylbenzene	N.D.	0.5	ug/l	97		82-119		
Xylene (Total)	N.D.	0.5	ug/l	101		83-113		
Batch number: Z080714AA Methyl Tertiary Butyl Ether	N.D.	0.5	Sample number(s): 5296143 ug/l	112		73-119		
Benzene	N.D.	0.5	ug/l	96		78-119		
Toluene	N.D.	0.5	ug/l	106		85-115		
Ethylbenzene	N.D.	0.5	ug/l	100		82-119		
Xylene (Total)	N.D.	0.5	ug/l	102		83-113		
Batch number: Z080731AA Ethanol	N.D.	50.	Sample number(s): 5296149, 5296151 ug/l	106		31-166		
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	93		73-119		
Benzene	N.D.	0.5	ug/l	89		78-119		
Toluene	N.D.	0.5	ug/l	95		85-115		
Ethylbenzene	N.D.	0.5	ug/l	93		82-119		
Xylene (Total)	N.D.	0.5	ug/l	95		83-113		

### 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: 08070A08A TPH-GRO - Waters	104	108	63-154	4	30		UNSPK: P297107		

\*- Outside of specification

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

## Quality Control Summary

 Client Name: Chevron  
 Reported: 03/20/08 at 04:29 PM

Group Number: 1080312

### 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: 08077A51A TPH-GRO - Waters	126		63-154						
Sample number(s): 5296146 UNSPK: P302355									
Batch number: D080714AA									
Ethanol	119	113	32-164	6	30				
Methyl Tertiary Butyl Ether	100	99	69-127	0	30				
Benzene	97	97	83-128	1	30				
Toluene	102	103	83-127	1	30				
Ethylbenzene	101	101	82-129	0	30				
Xylene (Total)	100	103	82-130	3	30				
Sample number(s): 5296144-5296148, 5296150 UNSPK: P297472									
Batch number: E080714AA									
Methyl Tertiary Butyl Ether	101	99	69-127	2	30				
Benzene	96	95	83-128	1	30				
Toluene	105	105	83-127	0	30				
Ethylbenzene	103	102	82-129	1	30				
Xylene (Total)	103	102	82-130	1	30				
Sample number(s): 5296143 UNSPK: P297479									
Batch number: Z080731AA									
Ethanol	122	116	32-164	5	30				
Methyl Tertiary Butyl Ether	96	94	69-127	2	30				
Benzene	98	98	83-128	0	30				
Toluene	102	103	83-127	1	30				
Ethylbenzene	102	102	82-129	0	30				
Xylene (Total)	100	99	82-130	1	30				
Sample number(s): 5296149, 5296151 UNSPK: P294829									

### 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-DRO (Waters)  
 Batch number: 080680023A  
 Orthoterphenyl

5296144	96
Blank	89
LCS	107
LCSD	99

Limits: 59-131

 Analysis Name: TPH-DRO (Waters)  
 Batch number: 080680024A  
 Orthoterphenyl

5296145	110
5296146	95
5296147	94
5296148	90

\*- Outside of specification

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

## Quality Control Summary

Client Name: Chevron  
Reported: 03/20/08 at 04:29 PM

Group Number: 1080312

### Surrogate Quality Control

5296149 78  
5296150 93  
5296151 99  
Blank 100  
LCS 108  
LCSD 107

Limits: 59-131

Analysis Name: TPH-GRO - Waters  
Batch number: 08070A08A  
Trifluorotoluene-F

5296143 78  
5296144 120  
5296145 106  
5296147 87  
5296148 91  
5296149 92  
5296150 90  
5296151 121  
Blank 82  
LCS 84  
LCSD 87  
MS 82  
MSD 81

Limits: 63-135

Analysis Name: TPH-GRO - Waters  
Batch number: 08077A51A  
Trifluorotoluene-F

5296146 103  
Blank 110  
LCS 104  
LCSD 108  
MS 103

Limits: 63-135

Analysis Name: BTEX, MTBE, ETOH  
Batch number: D080714AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d6	4-Bromofluorobenzene
5296144	93	95	88	98
5296145	94	97	89	97
5296146	94	96	88	94
5296147	96	98	91	102
5296148	97	98	90	97
5296150	96	98	90	96
Blank	103	101	90	95
LCS	97	94	87	102
MS	96	95	87	101
MSD	96	96	88	104

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 unspiked result was more than four times the spike added.

## Quality Control Summary

Client Name: Chevron  
Reported: 03/20/08 at 04:29 PM

Group Number: 1080312

### Surrogate Quality Control

Analysis Name: ETEX+MTBE by 8260B  
Batch number: Z080714AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5296143	100	106	105	96
Blank	99	104	105	96
LCS	101	109	104	101
MS	101	104	105	102
MSD	100	102	106	101
Limits:	80-116	77-113	80-113	78-113

Analysis Name: ETEX, MTBE, ETOH  
Batch number: Z080731AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5296149	102	103	102	99
5296151	97	99	102	102
Blank	100	102	103	96
LCS	98	101	102	101
MS	100	101	104	100
MSD	98	103	102	97
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 unspiked 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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