



# GETTLER-RYAN INC.

**RECEIVED**

10:42 am, May 02, 2008

Alameda County  
Environmental Health

## TRANSMITTAL

April 25, 2008

G-R #385 127

**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**  
**#9-1026**  
**3701 Broadway**  
**Oakland, California**  
**RO 0000500**

WE HAVE ENCLOSED THE FOLLOWING:

COPIES	DATED	DESCRIPTION
1	April 23, 2008	Groundwater Monitoring and Sampling Report Annual Event of March 18, 2008

**COMMENTS:**

This report is being sent for your review. Please provide any comments/changes and propose any groundwater monitoring modifications for the next event prior to **May 9, 2008**, at which time this final report will be distributed to the following:

**CC:** Mr. Steven Plunkett, Alameda County Health Care Services, Dept. of Environmental Health, 1131 Harbor Bay Parkway, Suite 250, Alameda, CA 94502-6577 (No Hard Copy-**UPLOAD TO ALAMEDA CO.**)  
Mr. W. Bruce Bercovich, Kay & Merkel, (*address pending*)

Enclosures

rans/9-1026-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 25, 2008

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

Re: Chevron Service Station No. 9-1026  
Address 3701 Broadway

I have reviewed the attached routine groundwater monitoring report dated April 25, 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 black ink that reads "Olivia Skance". The signature is written in a cursive, flowing style.

Olivia Skance  
Project Manager

Attachment: Report

# WELL CONDITION STATUS SHEET

Client/Facility #: Chevron #9-1026  
 Site Address: 3701 Broadway  
 City: Oakland, CA

Job # 385127  
 Event Date: 3-18-08  
 Sampler: Joc

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
E	O.K	O.K	O.K	O.K	O.K	O.K	O.K	N	N	8" EMCO / 2	No
F	↓	↓	↓	↓	↓	↓	↓	↓	↓	8" EMCO / 2	↓
EA-1	↓	↓	↓	↓	↓	↓	↓	↓	↓	12" Morrison / 2	↓
EA-2	↓	↓	↓	Both S	↓	↓	↓	↓	↓	12" EMCO / 2	↓

Comments \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_



# GETTLER-RYAN Inc.



April 23, 2008  
G-R Job #385127

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

**RE: Annual Event of March 18, 2008**  
Groundwater Monitoring & Sampling Report  
Former Chevron Service Station #9-1026  
3701 Broadway  
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.

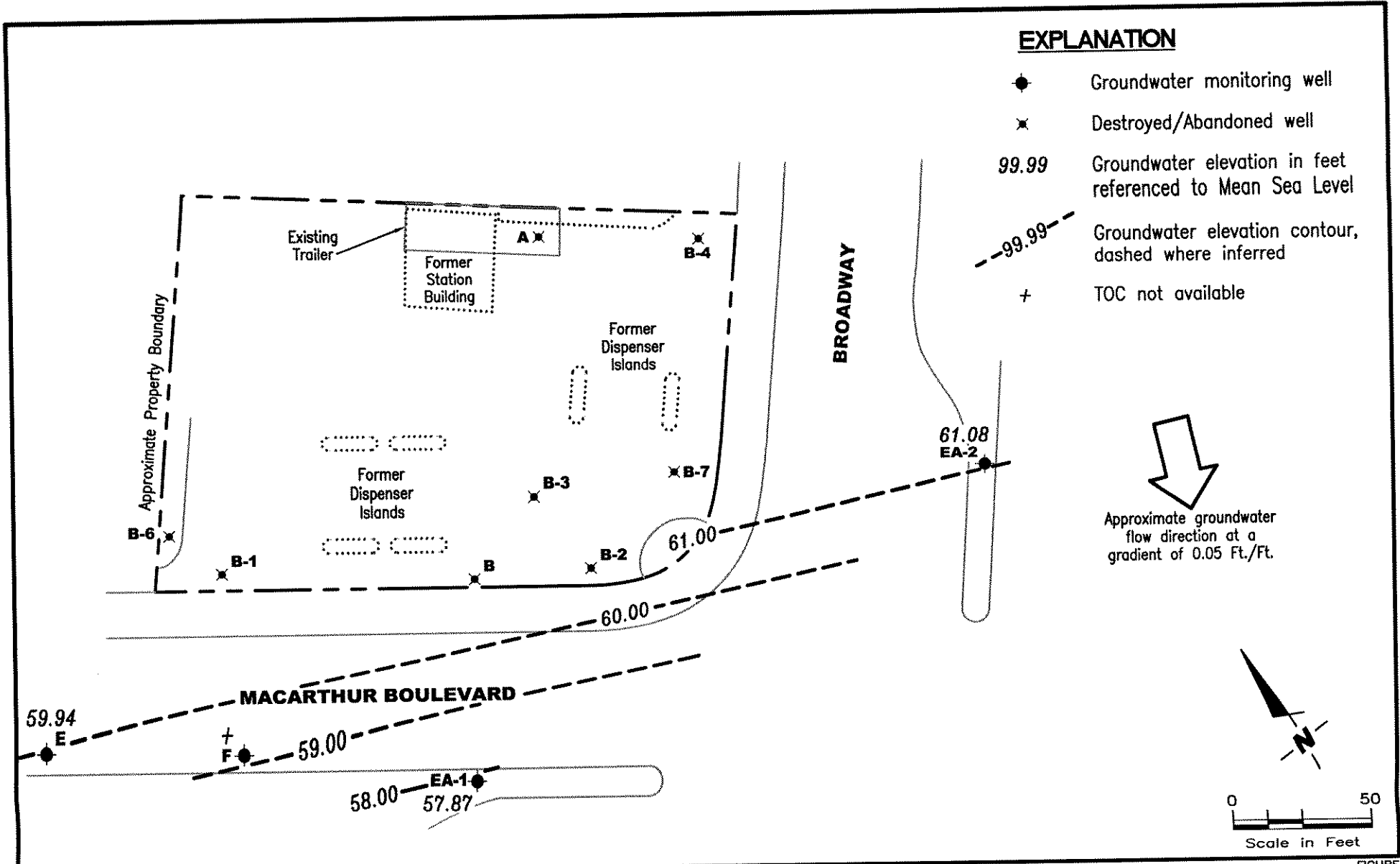
Sincerely,

Deanna L. Harding  
Project Coordinator

Hagop Kevork  
P.E. No. C55734



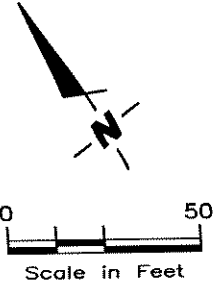
Figure 1: Potentiometric Map  
Table 1: Groundwater Monitoring Data and Analytical Results  
Table 2: Separate Phase Hydrocarbon Thickness/Removal Data  
Table 3: Groundwater Analytical Results - Oxygenate Compounds  
Attachments: Standard Operating Procedure - Groundwater Sampling  
Field Data Sheets



**EXPLANATION**

- Groundwater monitoring well
- × Destroyed/Abandoned well
- 99.99 Groundwater elevation in feet referenced to Mean Sea Level
- - - 99.99 - - - Groundwater elevation contour, dashed where inferred
- + TOC not available

Approximate groundwater flow direction at a gradient of 0.05 Ft./Ft.



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

**POTENTIOMETRIC MAP**  
 Former Chevron Service Station #9-1026  
 3701 Broadway  
 Oakland, California

FIGURE  
**1**

PROJECT NUMBER  
 385127

REVIEWED BY

DATE  
 March 18, 2008

REVISED DATE

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Service Station #9-1026  
3701 Broadway  
Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH		B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
					REMOVED (gallons)	TPH-G (ppb)					
<b>E</b>											
11/18/92	70.07	57.87	12.20	--	--	280	2.7	2.4	3.0	12	--
03/19/93	70.07	60.10	9.97	--	--	<50	<0.5	<0.5	<0.5	<1.5	--
06/10/93	70.07	59.09	10.98	--	--	<50	<0.5	<0.5	<0.5	<1.5	--
09/08/93	70.07	58.29**	11.80	0.03	--	--	--	--	--	--	--
12/21/93	70.07	58.82	11.25	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/09/94	70.07	59.40	10.67	--	--	<50	<0.5	0.7	<0.5	0.7	--
09/21/94	70.07	57.78	12.29	--	--	<50	2.5	<0.5	1.0	<0.5	--
12/20/94	70.07	54.54	15.53	--	--	<50	0.5	<0.5	<0.5	<0.5	--
03/28/95	70.07	61.62	8.45	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/22/95	70.07	59.50	10.57	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/21/95	70.07	58.48	11.59	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/22/96	70.07	61.05	9.02	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
03/06/97	70.07	57.75	12.32	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
09/12/97	70.07	--	--	--	--	--	--	--	--	--	--
04/02/98	70.07	61.64	8.43	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/15/98	70.07	--	--	--	--	--	--	--	--	--	--
03/09/99	70.07	60.65	9.42	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/14/00	70.07	61.58	8.49	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
08/28/00	70.07	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--	--
03/22/01	70.07	60.45	9.62	0.00	0.00	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50
09/04/01	70.07	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--	--
03/18/02	70.07	60.57	9.50	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5/<2 <sup>9</sup>
09/23/02	70.07	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--	--
03/25/03	70.07	60.08	9.99	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5
09/23/03	70.07	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--	--
03/17/04	70.07	INACCESSIBLE - PAVED OVER			--	--	--	--	--	--	--
09/16/04	70.07	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--	--
03/31/05	70.07	INACCESSIBLE - PAVED OVER			--	--	--	--	--	--	--
09/26/05	70.07	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--	--
03/31/06	70.07	INACCESSIBLE - PAVED OVER			--	--	--	--	--	--	--
07/19/06	70.07	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--	--
03/23/07 <sup>12</sup>	70.07	59.96	10.11	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/18/08 <sup>12</sup>	70.07	59.94	10.13	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Service Station #9-1026  
3701 Broadway  
Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (mst)	DTW (ft.)	SPHT (ft.)	SPH		B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
					REMOVED (gallons)	TPH-G (ppb)					
F											
05/09/89	72.01	53.31	18.70	--	--	<500	<0.5	<0.5	0.6	1.0	--
08/09/89	72.01	52.98	19.03	--	--	--	--	--	--	--	--
11/09/89	72.01	52.99	19.02	--	--	--	--	--	--	--	--
02/08/90	72.01	53.31	18.70	--	--	<50	0.4	<0.3	0.3	<0.6	--
05/10/90	72.01	53.03	18.98	--	--	--	--	--	--	--	--
08/09/90	72.01	53.06	18.95	--	--	--	--	--	--	--	--
11/13/90	72.01	52.91	19.10	--	--	--	--	--	--	--	--
03/27/91	72.01	--	--	--	--	64	<0.5	<0.5	<0.5	1.0	--
06/19/91	72.01	53.06	18.95	--	--	--	--	--	--	--	--
08/21/91	72.01	<52.07	>19.94	--	--	--	--	--	--	--	--
11/08/91	72.01	<52.07	>19.94	--	--	--	--	--	--	--	--
02/13/92	72.01	53.41	18.60	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
05/01/92	72.01	--	Dry	--	--	--	--	--	--	--	--
11/18/92	71.72	56.87	14.85	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/19/93	71.72	57.47	14.25	--	--	<50	<0.5	<0.5	<0.5	<1.5	--
06/10/93	71.72	57.80	13.92	--	--	<50	<0.5	<0.5	<0.5	<1.5	--
09/08/93	71.72	56.95**	14.80	0.04	--	--	--	--	--	--	--
12/21/93	71.72	58.41	13.31	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/09/94	71.72	58.73	12.99	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/21/94	71.72	55.42	16.30	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/20/94	71.72	59.15	12.57	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/28/95	71.72	62.77	8.95	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/22/95	71.72	57.95	13.77	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/21/95	71.72	58.27	13.45	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/22/96	71.72	60.56	11.16	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
03/06/97	71.72	60.34	11.38	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
09/12/97	71.72	--	--	--	--	--	--	--	--	--	--
04/02/98	71.72	58.60	13.12	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/15/98	71.72	--	--	--	--	--	--	--	--	--	--
03/09/99	71.72	58.05	13.67	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/14/00	71.72	58.37	13.35	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
08/28/00	71.72	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--	--
03/22/01	71.72	60.25	11.47	0.00	0.00	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50
09/04/01	71.72	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--	--
03/18/02	71.72	60.03	11.69	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5/<2 <sup>9</sup>

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Service Station #9-1026  
3701 Broadway  
Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH REMOVED (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
<b>F (cont)</b>											
09/23/02	71.72	MONITORED/SAMPLED ANNUALLY									
03/25/03	71.72	58.40	13.32	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5
09/23/03	71.72	MONITORED/SAMPLED ANNUALLY									
03/17/04	71.72	INACCESSIBLE - PAVED OVER									
09/16/04	71.72	MONITORED/SAMPLED ANNUALLY									
03/31/05	71.72	INACCESSIBLE - PAVED OVER									
09/26/05	71.72	MONITORED/SAMPLED ANNUALLY									
03/31/06	71.72	INACCESSIBLE - PAVED OVER									
07/19/06	71.72	MONITORED/SAMPLED ANNUALLY									
03/23/07 <sup>12</sup>	-- <sup>16</sup>	-- <sup>16</sup>	12.60	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/18/08 <sup>12</sup>	-- <sup>16</sup>	-- <sup>16</sup>	<b>12.52</b>	<b>0.00</b>	<b>0.00</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>&lt;0.5</b>
<b>EA-I</b>											
05/09/89	73.94	59.38	14.56	--	--	<500	<0.5	<0.5	<0.5	<0.5	--
08/09/89	73.94	57.85	16.09	--	--	<500	<0.5	<0.5	<0.5	<0.5	--
11/09/89	73.94	58.10	15.84	--	--	<500	<0.5	<0.5	<0.5	<0.5	--
02/08/90	73.94	58.89	15.05	--	--	<50	<0.3	<0.3	<0.3	<0.6	--
05/10/90	73.94	58.29	15.65	--	--	<50	1.0	0.3	<0.3	<0.6	--
08/09/90	73.94	58.27	15.67	--	--	<50	<0.3	<0.3	<0.3	<0.6	--
11/13/90	73.94	57.62	16.32	--	--	<50	<0.4	<0.3	<0.3	<0.4	--
03/27/91	73.94	--	--	--	--	<50	0.7	0.5	<0.5	<0.5	--
04/05/91	73.94	59.91	14.03	--	--	--	--	--	--	--	--
06/19/91	73.94	58.38	15.56	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
08/21/91	73.94	57.95	15.99	--	--	<50	<0.4	<0.3	<0.3	<0.4	--
11/08/91	73.94	57.81	16.13	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
02/13/92	73.94	58.84	15.10	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
05/01/92	73.94	55.14	18.80	--	--	<50	2.7	<0.5	<0.5	<0.5	--
11/18/92	71.85	55.88	15.97	--	--	<10	<0.3	<0.3	<0.3	<0.5	--
03/19/93	71.85	58.19	13.66	--	--	<50	<0.5	<0.5	<0.5	<1.5	--
06/10/93	71.85	57.14	14.71	--	--	<50	<0.5	<0.5	<0.5	<1.5	--
09/08/93	<b>71.85</b>	<b>56.33**</b>	<b>15.58</b>	<b>0.08</b>	--	--	--	--	--	--	--
12/21/93	71.85	56.83	15.02	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/09/94	71.85	57.47	14.38	--	--	<50	<0.5	1.0	<0.5	<0.5	--
09/21/94	71.85	55.73	16.12	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/20/94	71.85	57.80	14.05	--	--	<50	<0.5	<0.5	<0.5	<0.5	--



**Table I**  
**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Service Station #9-1026  
3701 Broadway  
Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH		B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
					REMOVED (gallons)	TPH-G (ppb)					
<b>EA-1 (cont)</b>											
03/28/95	71.85	59.80	12.05	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/22/95	71.85	57.50	14.35	--	--	<50	2.0	<0.5	<0.5	<0.5	--
09/21/95	71.85	56.49	15.36	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/22/96	71.85	59.14	12.71	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
03/06/97	71.85	57.97	13.88	--	--	<50	2.8	<0.5	<0.5	0.8	<5.0
09/12/97	71.85	--	--	--	--	--	--	--	--	--	--
04/02/98	71.85	59.16	12.69	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/15/98	71.85	--	--	--	--	--	--	--	--	--	--
03/09/99	71.85	58.85	13.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/14/00	71.85	59.76	12.09	--	--	<50	<0.5	<0.5	<0.5	<0.5	6.65
08/28/00	71.85	MONITORED/SAMPLED ANNUALLY									
03/22/01	71.85	58.55	13.30	0.00	0.00	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50
09/04/01	71.85	MONITORED/SAMPLED ANNUALLY									
03/18/02	71.85	58.64	13.21	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5/<2 <sup>9</sup>
09/23/02	71.85	MONITORED/SAMPLED ANNUALLY									
03/25/03	71.85	58.11	13.74	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5
09/23/03	71.85	MONITORED/SAMPLED ANNUALLY									
03/17/04 <sup>12</sup>	71.85	58.67	13.18	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	0.6
09/16/04	71.85	MONITORED/SAMPLED ANNUALLY									
03/31/05 <sup>12</sup>	71.85	59.34	12.51	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/26/05	71.85	MONITORED/SAMPLED ANNUALLY									
03/31/06 <sup>12</sup>	71.85	59.55	12.30	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
07/19/06	71.85	MONITORED/SAMPLED ANNUALLY									
03/23/07 <sup>12</sup>	71.85	58.03	13.82	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
<b>03/18/08<sup>12</sup></b>	<b>71.85</b>	<b>57.87</b>	<b>13.98</b>	<b>0.00</b>	<b>0.00</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>&lt;0.5</b>
<b>EA-2</b>											
05/09/89	75.24	59.29	15.95	--	--	760	<0.5	<0.5	1.1	<0.5	--
08/09/89	75.24	57.79	17.45	--	--	<500	<0.5	<0.5	<0.5	<0.5	--
11/09/89	75.24	57.83	17.41	--	--	<500	<0.5	1.0	<0.5	<0.5	--
02/08/90	75.24	58.67	16.57	--	--	190	<0.3	<0.3	<0.3	<0.6	--
05/10/90	75.24	58.12	17.12	--	--	<50	<0.3	<0.3	<0.3	<0.6	--
08/09/90	75.24	58.04	17.20	--	--	120	<0.3	<0.3	<0.3	<0.6	--
11/13/90	75.24	57.36	17.88	--	--	160	<0.4	1.0	<0.3	<0.4	--

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Service Station #9-1026  
3701 Broadway  
Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH							MTBE (ppb)
					REMOVED (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)		
<b>EA-2 (cont)</b>												
03/27/91	75.24	--	--	--	--	110	<0.5	<0.5	<0.5	<0.5	--	
04/05/91	75.24	59.70	15.54	--	--	--	--	--	--	--	--	
06/19/91	75.24	58.17	17.07	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	
08/21/91	75.24	57.78	17.46	--	--	70	0.8	1.4	<0.3	<0.4	--	
11/08/91	75.24	57.66	17.58	--	--	<50	<0.5	0.7	<0.5	<0.5	--	
02/13/92	75.24	58.55	16.69	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	
05/01/92	75.24	59.08	16.16	--	--	340	<0.5	2.6	0.7	<0.5	--	
11/18/92	76.24	58.63	17.61	--	--	450	<0.5	3.3	<0.5	0.8	--	
03/19/93	76.24	61.24	15.00	--	--	450	<0.5	2.3	0.6	<1.5	--	
06/10/93	76.24	60.16	16.08	--	--	250	<0.5	1.3	<0.5	<1.5	--	
09/08/93	76.24	59.17	17.07	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	
12/21/93	76.24	59.64	16.60	--	--	170	<0.5	1.3	<0.5	<0.5	--	
03/09/94	76.24	60.41	15.83	--	--	200	1.8	1.4	<0.5	<0.5	--	
09/21/94	76.24	58.64	17.60	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	
12/20/94	76.24	60.71	15.53	--	--	950	31	15	1.7	<0.5	--	
03/28/95	76.24	62.96	13.28	--	--	71	2.0	0.6	<0.5	<0.5	--	
06/22/95	76.24	60.62	15.62	--	--	300	<0.5	3.7	<0.5	0.6	--	
09/21/95	76.24	59.46	16.78	--	--	170	<0.5	<0.5	<0.5	<0.5	--	
03/22/96	76.24	62.36	13.88	--	--	90	<0.5	<0.5	<0.5	<0.5	<5.0	
03/06/97	76.24	61.18	15.06	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	
09/12/97	76.24	--	--	--	--	--	--	--	--	--	--	
04/02/98	76.24	62.51	13.73	--	--	230 <sup>2</sup>	0.99	<0.5	<0.5	<0.5	<2.5	
09/15/98	76.24	--	--	--	--	--	--	--	--	--	--	
03/09/99	76.24	62.03	14.21	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	
03/14/00	76.24	62.93	13.31	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	
08/28/00	76.24	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--	--	
03/22/01	76.24	61.71	14.53	0.00	0.00	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	
09/04/01	76.24	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--	--	
03/18/02	76.24	61.84	14.40	0.00	0.00	97	0.54	<0.50	<0.50	<1.5	<2.5/<2 <sup>o</sup>	
09/23/02	76.24	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--	--	
03/25/03	76.24	61.18	15.06	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5	
09/23/03	76.24	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--	--	
03/17/04 <sup>12</sup>	76.24	61.83	14.41	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	0.7	
09/16/04	76.24	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--	--	
03/31/05 <sup>12</sup>	76.24	62.53	13.71	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Service Station #9-1026  
3701 Broadway  
Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (mst)	DTW (ft.)	SPHT (ft.)	SPH							MTBE (ppb)
					REMOVED (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)		
<b>EA-2 (cont)</b>												
09/26/05	76.24	MONITORED/SAMPLED ANNUALLY		--	--	--	--	--	--	--	--	
03/31/06 <sup>12</sup>	76.24	63.75	12.49	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	
07/19/06	76.24	MONITORED/SAMPLED ANNUALLY		--	--	--	--	--	--	--	--	
03/23/07 <sup>12</sup>	76.24	61.16	15.08	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	
<b>03/18/08<sup>12</sup></b>	<b>76.24</b>	<b>61.08</b>	<b>15.16</b>	<b>0.00</b>	<b>0.00</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>&lt;0.5</b>	
<b>A</b>												
05/09/89	75.28	61.36	13.92	--	--	11,000	260	<2.0	94	230	--	
08/09/89	75.28	59.66	15.62	--	--	12,000	370	<1.5	100	240	--	
11/09/89	75.28	59.33	15.95	--	--	16,000	690	10	180	350	--	
02/08/90	75.28	60.55	14.73	--	--	14,000	600	7.0	120	270	--	
05/10/90	75.28	59.80	15.48	--	--	16,000	840	4.8	140	340	--	
08/09/90	75.28	59.62	15.66	--	--	17,000	510	40	170	280	--	
11/13/90	75.28	58.80	16.48	--	--	9000	570	3.1	86	170	--	
03/27/91	75.28	--	--	--	--	8000	660	<5.0	110	250	--	
04/05/91	75.28	62.06	13.22	--	--	--	--	--	--	--	--	
06/19/91	75.28	59.91	15.37	--	--	8900	740	<3.0	120	280	--	
08/21/91	75.28	59.29	15.99	--	--	6800	620	23	85	200	--	
11/08/91	75.28	59.13	16.15	--	--	4000	640	<5.0	77	160	--	
02/13/92	75.28	60.70	14.58	--	--	8000	860	<5.0	120	390	--	
05/01/92	75.28	61.02	14.26	--	--	13,000	870	19	220	780	--	
11/18/92	75.29	58.91	16.38	--	--	12,000	1500	83	360	530	--	
03/19/93	75.29	63.13	12.16	--	--	14,000	820	6.1	180	420	--	
06/10/93	75.29	61.04	14.25	--	--	9000	700	13	170	310	--	
09/08/93	75.29	--	--	--	--	--	--	--	--	--	--	
12/21/93	75.29	--	--	--	--	--	--	--	--	--	--	
03/09/94	75.29	61.95	13.34	--	--	9600	860	21	200	390	--	
09/21/94	75.29	INACCESSIBLE	--	--	--	--	--	--	--	--	--	
12/20/94	75.29	INACCESSIBLE	--	--	--	--	--	--	--	--	--	
<b>03/28/95</b>	<b>75.29</b>	<b>INACCESSIBLE</b>	--	--	--	--	--	--	--	--	--	
06/22/95	75.29	INACCESSIBLE	--	--	--	--	--	--	--	--	--	
09/21/95	75.29	INACCESSIBLE	--	--	--	--	--	--	--	--	--	
03/22/96	75.29	INACCESSIBLE	--	--	--	--	--	--	--	--	--	
09/25/96	75.29	INACCESSIBLE	--	--	--	--	--	--	--	--	--	

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Former Chevron Service Station #9-1026  
3701 Broadway  
Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH		B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
					REMOVED (gallons)	TPH-G (ppb)					
<b>A (cont)</b>											
03/06/97	75.29	INACCESSIBLE		--	--	--	--	--	--	--	--
09/12/97	75.29	60.73	14.56	--	--	2600	460	<10	70	11	67
04/02/98	75.29	66.54	8.75	--	--	1,700 <sup>2</sup>	130	1.7	44	42	<2.5
09/15/98	75.29	--	--	--	--	--	--	--	--	--	--
03/09/99	75.29	INACCESSIBLE		--	--	--	--	--	--	--	--
03/14/00	75.29	INACCESSIBLE		--	--	--	--	--	--	--	--
08/28/00	75.29	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--	--
03/22/01	75.29	INACCESSIBLE		--	--	--	--	--	--	--	--
09/04/01	75.29	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--	--
03/18/02	75.29	INACCESSIBLE - DUE TO TRAILER PARKED OVER WELL				--	--	--	--	--	--
09/23/02	75.29	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--	--
03/25/03	75.29	INACCESSIBLE - DUE TO TRAILER PARKED OVER WELL				--	--	--	--	--	--
09/23/03	75.29	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--	--
03/17/04	75.29	INACCESSIBLE - DUE TO TRAILER PARKED OVER WELL				--	--	--	--	--	--
09/16/04	75.29	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--	--
03/31/05 <sup>12</sup>	75.29	66.74	8.55	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/26/05	75.29	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--	--
03/31/06 <sup>12</sup>	75.29	66.95	8.34	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
DESTROYED - JULY 2006											
<b>B</b>											
05/09/89	73.39	59.58**	13.97	0.20	--	--	--	--	--	--	--
08/09/89	73.39	57.86**	15.69	0.20	--	--	--	--	--	--	--
11/09/89	73.39	58.16**	15.29	0.08	--	--	--	--	--	--	--
02/08/90	73.39	58.93	14.46	--	--	--	--	--	--	--	--
05/10/90	73.39	58.32	14.07	--	--	--	--	--	--	--	--
08/09/90	73.39	58.27	15.12	--	--	--	--	--	--	--	--
11/13/90	73.39	57.63	15.76	--	--	--	--	--	--	--	--
04/05/91	73.39	60.01	13.38	--	--	--	--	--	--	--	--
06/19/91	73.39	58.25	15.14	--	--	26,000	7100	370	430	1000	--
08/21/91	73.39	57.81	15.58	--	--	16,000	4900	270	390	640	--
11/08/91	73.39	57.68	15.71	--	--	11,000	2400	48	280	160	--
02/13/92	73.39	58.73	14.66	--	--	6800	2400	60	220	140	--
05/01/92	73.39	58.89	14.50	Sheen	--	16,000	6000	180	370	460	--
11/18/92	73.39	57.79	15.60	--	--	28,000	2200	150	920	4300	--
03/19/93	73.39	60.12**	13.29	0.03	--	--	--	--	--	--	--

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WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH							MTBE (ppb)
					REMOVED (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)		
<b>B (cont)</b>												
06/10/93	73.39	59.11**	14.30	0.03	--	--	--	--	--	--	--	--
09/08/93	73.39	58.25**	15.33	0.24	--	--	--	--	--	--	--	--
12/21/93	73.39	58.76**	14.73	0.12	--	--	--	--	--	--	--	--
03/09/94	73.39	59.35**	14.07	0.04	--	--	--	--	--	--	--	--
09/21/94	73.39	57.91**	15.50	0.02 <sup>1</sup>	--	--	--	--	--	--	--	--
12/20/94	73.39	59.74**	13.75	0.12	--	--	--	--	--	--	--	--
3/28/952	73.39	--	--	--	--	--	--	--	--	--	--	--
06/22/95	73.39	58.92**	14.56	0.11	1.000	--	--	--	--	--	--	--
09/21/95	73.39	58.41**	15.88	1.12	2.000	--	--	--	--	--	--	--
03/22/96	73.39	61.19**	13.02	1.02	2.000	--	--	--	--	--	--	--
09/25/96	73.39	58.81**	15.76	1.47	1.500	--	--	--	--	--	--	--
03/06/97	73.39	59.95**	14.30	1.08	2.000	--	--	--	--	--	--	--
09/12/97	73.39	59.32**	14.61	0.68	3.000	--	--	--	--	--	--	--
04/02/98	73.39	61.04**	12.50	0.19	3.000	--	--	--	--	--	--	--
09/15/98	73.39	59.60**	14.87	1.35	5.000	--	--	--	--	--	--	--
03/09/99	73.39	60.41**	13.41	0.54	0.132	--	--	--	--	--	--	--
09/29/99	73.39	58.56**	15.80	1.21	0.130	--	--	--	--	--	--	--
03/14/00	73.39	61.70**	12.80	1.39	0.400	--	--	--	--	--	--	--
08/28/00	73.39	58.96**	15.29	1.07	0.26 <sup>5</sup>	NOT SAMPLED DUE TO THE PRESENCE OF SPH				--	--	--
03/22/01	73.39	60.52**	13.26	0.49	0.26 <sup>5</sup>	NOT SAMPLED DUE TO THE PRESENCE OF SPH				--	--	--
06/25/01 <sup>7</sup>	73.39	58.95**	15.30	1.08	0.00	--	--	--	--	--	--	--
07/09/01 <sup>8</sup>	73.39	59.02**	15.15	0.97	0.26 <sup>5</sup>	--	--	--	--	--	--	--
08/06/01 <sup>8</sup>	73.39	58.86**	15.31	0.98	1.04 <sup>5</sup>	--	--	--	--	--	--	--
09/04/01 <sup>8</sup>	73.39	58.58**	15.46	0.81	0.00	NOT SAMPLED DUE TO THE PRESENCE OF SPH				--	--	--
10/08/01 <sup>8</sup>	73.39	58.33**	15.68	0.77	0.06 <sup>5</sup>	--	--	--	--	--	--	--
11/12/01 <sup>8</sup>	73.39	58.56**	15.45	0.78	1.50 <sup>5</sup>	--	--	--	--	--	--	--
12/26/01 <sup>8</sup>	73.39	60.87**	12.98	0.58	4.39 <sup>5</sup>	--	--	--	--	--	--	--
01/25/02 <sup>8</sup>	73.39	60.74**	12.71	0.08	0.13 <sup>5</sup>	--	--	--	--	--	--	--
02/05/02 <sup>8</sup>	73.39	60.30**	13.16	0.09	2.63 <sup>5</sup>	--	--	--	--	--	--	--
03/18/02 <sup>8</sup>	73.39	60.63**	12.79	0.04	2.03 <sup>5</sup>	--	--	--	--	--	--	--
04/27/02 <sup>8</sup>	73.39	59.73	13.66	0.00	0.26 <sup>10</sup>	--	--	--	--	--	--	--
05/20/02 <sup>8</sup>	73.39	59.61	13.78	0.00	0.26 <sup>10</sup>	--	--	--	--	--	--	--
06/17/02 <sup>8</sup>	73.39	59.28**	14.34	0.29	3.39 <sup>5</sup>	--	--	--	--	--	--	--
07/01/02 <sup>8</sup>	73.39	59.05**	14.78	0.55	2.26 <sup>5</sup>	--	--	--	--	--	--	--
08/19/02 <sup>8</sup>	73.39	58.75**	15.03	0.49	6.53 <sup>5</sup>	--	--	--	--	--	--	--

**Table I**  
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3701 Broadway  
Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH						X (ppb)	MTBE (ppb)
					REMOVED (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)			
<b>B (cont)</b>												
09/23/02 <sup>8</sup>	73.39	58.61**	15.13	0.44	0.40 <sup>5</sup>	NOT SAMPLED DUE TO THE PRESENCE OF SPH				--	--	
10/21/02 <sup>8</sup>	73.39	58.50**	15.21	0.40	0.33 <sup>5</sup>	--	--	--	--	--	--	
11/26/02 <sup>8</sup>	73.39	58.51**	15.17	0.36	0.26 <sup>5</sup>	--	--	--	--	--	--	
12/26/02 <sup>8</sup>	73.39	60.50**	13.06	0.21	0.13 <sup>5</sup>	--	--	--	--	--	--	
02/05/03 <sup>8</sup>	73.39	60.24**	13.33	0.22	0.07 <sup>5</sup>	--	--	--	--	--	--	
03/01/03 <sup>11</sup>	73.39	60.18**	13.31	0.13	0.07 <sup>5</sup>	--	--	--	--	--	--	
03/25/03	73.39	60.08**	13.41	0.13	0.03 <sup>5</sup>	NOT SAMPLED DUE TO THE PRESENCE OF SPH				--	--	
04/21/03	73.39	60.27**	13.20	0.10	0.07 <sup>5</sup>	--	--	--	--	--	--	
05/26/03	73.39	59.76**	13.70	0.09	0.07 <sup>5</sup>	--	--	--	--	--	--	
06/16/03	73.39	59.44**	14.04	0.11	0.07 <sup>5</sup>	--	--	--	--	--	--	
07/17/03	73.39	59.25**	14.36	0.27	0.13	--	--	--	--	--	--	
08/11/03	73.39	59.02**	14.61	0.30	0.13 <sup>5</sup>	--	--	--	--	--	--	
09/23/03	73.39	58.63**	14.96	0.25	0.59 <sup>5</sup>	NOT SAMPLED DUE TO THE PRESENCE OF SPH				--	--	
10/13/03	73.39	58.54**	14.99	0.18	0.39	--	--	--	--	--	--	
11/24/03	73.39	58.64**	14.85	0.12	0.07	--	--	--	--	--	--	
12/15/03	73.39	59.10**	14.39	0.12	0.07	--	--	--	--	--	--	
01/12/04	73.39	60.42**	13.06	0.11	0.13	--	--	--	--	--	--	
02/10/04	73.39	60.00**	13.46	0.09	0.01 <sup>5</sup>	--	--	--	--	--	--	
03/17/04 <sup>11</sup>	73.39	60.60**	12.85	0.08	0.01 <sup>5</sup>	NOT SAMPLED DUE TO THE PRESENCE OF SPH				--	--	
04/09/04 <sup>11</sup>	73.39	59.87**	13.54	0.02	1.51 <sup>5</sup>	--	--	--	--	--	--	
05/11/04 <sup>11</sup>	73.39	59.80**	13.60	0.01	-- <sup>13</sup>	--	--	--	--	--	--	
06/21/04 <sup>11</sup>	73.39	58.99**	14.46	0.07	0.03	--	--	--	--	--	--	
07/09/04 <sup>11</sup>	73.39	58.83**	14.58	0.02	1.02 <sup>5</sup>	--	--	--	--	--	--	
08/10/04 <sup>11</sup>	73.39	58.54**	14.87	0.02	0.51 <sup>5</sup>	--	--	--	--	--	--	
09/16/04 <sup>11</sup>	73.39	58.56**	14.85	0.03	0.52 <sup>5</sup>	NOT SAMPLED DUE TO THE PRESENCE OF SPH				--	--	
10/12/04 <sup>11</sup>	73.39	58.21**	15.28	0.13	0.03 <sup>5</sup>	--	--	--	--	--	--	
11/12/04	73.39	58.66**	14.75	0.02	0.52 <sup>5</sup>	--	--	--	--	--	--	
12/08/04	73.39	58.73**	14.68	0.02	0.53 <sup>5</sup>	--	--	--	--	--	--	
01/25/05	73.39	59.16**	14.25	0.02	0.53 <sup>5</sup>	--	--	--	--	--	--	
02/11/05	73.39	59.11**	14.30	0.02	0.52 <sup>5</sup>	--	--	--	--	--	--	
03/31/05	73.39	61.34**	12.07	0.03	1.03 <sup>5</sup>	NOT SAMPLED DUE TO THE PRESENCE OF SPH				--	--	
04/26/05	73.39	61.31**	12.10	0.02	1.02 <sup>5</sup>	--	--	--	--	--	--	
05/13/05	73.39	60.93**	12.48	0.02	1.02 <sup>5</sup>	--	--	--	--	--	--	
06/28/05	73.39	61.04**	12.37	0.03	1.02 <sup>5</sup>	--	--	--	--	--	--	
07/15/05	73.39	60.16**	13.25	0.02	1.52 <sup>5</sup>	--	--	--	--	--	--	
08/19/05	73.39	59.65**	13.76	0.02	1.02 <sup>5</sup>	--	--	--	--	--	--	

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Service Station #9-1026  
3701 Broadway  
Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (mst)	DTW (ft.)	SPHT (ft.)	SPH						MTBE (ppb)
					REMOVED (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	
<b>B (cont)</b>											
09/26/05	73.39	58.98**	14.43	0.02	1.02 <sup>5</sup>	NOT SAMPLED DUE TO THE PRESENCE OF SPH					--
10/17/05	73.39	58.94**	14.47	0.02	1.01 <sup>5</sup>	--	--	--	--	--	--
11/18/05	73.39	58.61**	14.80	0.02	1.52 <sup>5</sup>	--	--	--	--	--	--
12/12/05	73.39	59.60**	13.81	0.02	1.01 <sup>5</sup>	--	--	--	--	--	--
01/24/06	73.39	59.70**	13.70	0.01	1.01 <sup>5</sup>	--	--	--	--	--	--
02/10/06	73.39	59.62**	13.78	0.01	1.01 <sup>5</sup>	--	--	--	--	--	--
03/31/06	73.39	61.40**	12.01	0.02	1.51 <sup>5</sup>	NOT SAMPLED DUE TO THE PRESENCE OF SPH					--
04/14/06	73.39	61.38**	12.02	0.01	1.00 <sup>14</sup>	--	--	--	--	--	--
05/12/06	73.39	61.03**	12.38	0.02	1.00 <sup>15</sup>	--	--	--	--	--	--
06/12/06	73.39	60.38**	13.03	0.02	1.00 <sup>15</sup>	--	--	--	--	--	--
07/19/06	73.39	INACCESSIBLE - WELL GROUTED/PLUGGED				--	--	--	--	--	--
DESTROYED - JULY 2006											
<b>B-1</b>											
05/09/89	71.77	59.19		--	--	16,000	2300	260	81	740	--
08/09/89	71.77	57.68	14.09	--	--	12,000	2600	340	100	870	--
11/09/89	71.77	57.71	14.06	--	--	17,000	340	140	110	760	--
02/08/90	71.77	59.12	12.65	--	--	5500	70	19	17	150	--
05/10/90	71.77	58.15	13.62	--	--	18,000	770	110	73	600	--
08/09/90	71.77	57.90	13.87	--	--	82,000	750	66	95	980	--
11/13/90	71.77	57.39	14.38	--	--	43,000	1300	120	74	760	--
03/27/91	71.77	--	--	--	--	18,000	580	92	94	770	--
04/05/91	71.77	60.04	11.73	--	--	--	--	--	--	--	--
06/19/91	71.77	58.21	13.56	--	--	21,000	910	56	96	810	--
08/21/91	71.77	57.87	13.90	--	--	50,000	2400	610	300	1800	--
11/08/91	71.77	57.72	14.05	--	--	540,000	3600	1500	1900	5900	--
02/13/92	71.77	59.09	12.68	--	--	20,000	500	100	150	920	--
05/01/92	71.77	58.85	12.92	Shecn	--	27,000	2800	200	310	1900	--
11/18/92	72.30	58.00	14.30	--	--	300	9.7	3.4	2.3	21	--
03/19/93	72.30	60.02	12.28	--	--	130	23	0.9	<0.5	5.6	--
06/10/93	72.30	59.26	13.04	--	--	170	21	1.1	0.8	6.6	--
09/08/93	72.30	58.46**	13.88	0.05	--	--	--	--	--	--	--
12/21/93	72.30	58.77	13.53	--	--	<50	6.7	0.5	<0.5	1.2	--
03/09/94	72.30	59.65	12.65	--	--	1300	520	8.8	2.4	53	--
09/21/94	72.30	57.90	14.40	--	--	390	130	2.7	2.4	7.7	--
12/20/94	72.30	59.95	12.35	--	--	1600	520	9.9	8.9	34	--

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Service Station #9-1026  
3701 Broadway  
Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH		B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
					REMOVED (gallons)	TPH-G (ppb)					
<b>B-1 (cont)</b>											
03/28/95	72.30	61.54	10.76	--	--	160	38	2.1	1.4	5.4	--
06/22/95	72.30	59.70	12.60	--	--	340	73	3.1	2.4	7.5	--
09/21/95	72.30	58.65	13.65	--	--	140	19	1.0	1.2	6.1	--
03/22/96	72.30	61.36	10.94	--	--	200	<0.5	0.6	2.1	2.2	<5.0
09/25/96	72.30	58.54	13.76	--	--	690	5.4	1.2	1.6	6.8	<5.0
03/06/97	72.30	60.22	12.08	--	--	420	31	1.0	2.5	4.3	5.9
09/12/97	72.30	58.76	13.54	--	--	170	31	1.4	1.6	4.6	11
04/02/98	72.30	61.57	10.73	--	--	670 <sup>2</sup>	91	4.2	8.7	17	<2.5
09/15/98	72.30	59.49	12.81	--	--	<50	1.5	<0.5	<0.5	<0.5	<10
03/09/99	72.30	60.69	11.61	--	--	1200	570	5.3	5.6	48	<25
09/29/99	72.30	58.67	13.63	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/14/00	72.30	61.91	10.39	--	--	225	78.5	1.49	1.88	4.17	<5.0
08/28/00	72.30	59.16	13.14	0.00	0.00	290 <sup>3</sup>	42	1.9	4.3	6.3	21
03/22/01	72.30	60.62	11.68	0.00	0.00	1,690 <sup>5</sup>	181	7.94	20.4	17.4	56.9
06/25/01	72.30	58.59	13.71	0.00	0.00	--	--	--	--	--	--
07/09/01	72.30	59.11	13.19	0.00	0.00	--	--	--	--	--	--
09/04/01	72.30	58.73	13.57	0.00	0.00	130	6.4	0.58	0.74	<1.5	<2.5/<2 <sup>0</sup>
03/18/02	72.30	60.81	11.49	0.00	0.00	410	77	3.0	4.9	10	6.6
09/23/02	72.30	58.72	13.58	0.00	0.00	51	1.9	0.82	<0.50	<1.5	<2.5
03/25/03	72.30	59.46	12.84	0.00	0.00	58	0.74	<0.50	<0.50	<1.5	<2.5
09/23/03 <sup>12</sup>	72.30	58.57	13.73	0.00	0.00	<50	<0.5	0.7	<0.5	<0.5	<0.5
03/17/04 <sup>12</sup>	72.30	60.83	11.47	0.00	0.00	110	3	<0.5	<0.5	<0.5	<0.5
09/16/04 <sup>12</sup>	72.30	58.23	14.07	0.00	0.00	200	29	<0.5	<0.5	0.7	<0.5
03/31/05 <sup>12</sup>	72.30	59.45	12.85	0.00	0.00	340	18	<0.5	2	1	<0.5
09/26/05 <sup>12</sup>	72.30	58.60	13.70	0.00	0.00	570	71	1	<0.5	5	<0.5
03/31/06 <sup>12</sup>	72.30	59.72	12.58	0.00	0.00	520	23	1	0.8	2	<0.5
DESTROYED - JULY 2006											
<b>B-2</b>											
05/09/89	74.51	59.93	14.58	--	--	170,000	30,000	8400	2300	12,000	--
08/09/89	74.51	58.45	16.06	--	--	60,000	29,000	8700	2400	12,000	--
11/09/89	74.51	57.56	16.95	--	--	110,000	32,000	5500	2800	12,000	--
02/08/90	74.51	58.95	15.56	--	--	67,000	28,000	5900	2300	11,000	--
05/10/90	74.51	58.57	15.94	--	--	69,000	24,000	4800	2000	11,000	--
08/09/90	74.51	58.54	15.97	--	--	100,000	33,000	4000	2100	12,000	--
11/13/90	74.51	57.81	16.70	--	--	110,000	33,000	4300	2900	13,000	--



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Former Chevron Service Station #9-1026  
3701 Broadway  
Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH		B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
					REMOVED (gallons)	TPH-G (ppb)					
<b>B-2 (cont)</b>											
03/27/91	74.51	--	--	--	--	160,000	26,000	3200	2600	15,000	--
04/05/91	74.51	60.31	14.20	--	--	--	--	--	--	--	--
06/19/91	74.51	58.68	15.83	--	--	100,000	22,000	2500	2000	11,000	--
08/21/91	74.51	58.20	16.31	--	--	80,000	28,000	2800	2400	12,000	--
11/08/91	74.51	57.91	16.60	--	--	94,000	29,000	1900	2200	11,000	--
02/13/92	74.51	58.58	15.93	--	--	280,000	34,000	2500	4600	23,000	--
05/01/92	74.51	59.57	14.94	Sheen	--	29,000	1700	300	1100	4300	--
11/18/92	74.52	57.81	16.71	--	--	26,000	11,000	170	870	950	--
03/19/93	74.52	60.46	14.06	--	--	110,000	28,000	1200	2200	12,000	--
06/10/93	74.52	59.64	14.88	--	--	140,000	15,000	930	1900	8800	--
09/08/93	74.52	58.52**	16.03	0.04	--	--	--	--	--	--	--
12/21/93	74.52	58.91	15.61	--	--	980,000	21,000	30,000	9100	71,000	--
03/09/94	74.52	59.99	14.53	Sheen	--	110,000	23,000	920	1300	7800	--
9/21/945	74.52	INACCESSIBLE		--	--	--	--	--	--	--	--
12/20/94	74.52	59.86	14.65	--	--	70,000	25,000	710	920	5300	--
03/28/95	74.52	62.22	12.30	--	--	76,000	20,000	920	1200	5200	--
06/22/95	74.52	60.30	14.22	--	--	89,000	21,000	38,000	1500	6800	--
09/21/95	74.52	58.72	15.80	--	--	84,000	24,000	2900	1800	9800	--
03/22/96	74.52	61.69**	12.85	0.02	0.250	--	--	--	--	--	--
09/25/96	74.52	58.56**	15.98	0.03	0.250	--	--	--	--	--	--
03/06/97	74.52	60.43**	14.11	0.02	0.000	--	--	--	--	--	--
09/12/97	74.52	59.19**	15.35	0.03	1.500	--	--	--	--	--	--
04/02/98	74.52	61.74**	13.07	0.36	2.000	--	--	--	--	--	--
09/15/98	74.52	59.48**	15.50	0.58	0.500	--	--	--	--	--	--
03/09/99	74.52	61.56**	13.29	0.41	0.079	--	--	--	--	--	--
09/29/99	74.52	58.69**	16.34	0.64	0.080	--	--	--	--	--	--
03/14/00	74.52	62.02**	12.65	0.19	0.040	--	--	--	--	--	--
08/28/00	74.52	59.11**	15.80	0.49	0.26 <sup>5</sup>	NOT SAMPLED DUE TO THE PRESENCE OF SPH				--	--
03/22/01	74.52	60.99**	13.77	0.30	0.07 <sup>5</sup>	NOT SAMPLED DUE TO THE PRESENCE OF SPH				--	--
07/09/01 <sup>7</sup>	74.52	58.50**	16.12	0.13	0.21 <sup>5</sup>	--	--	--	--	--	--
08/06/01 <sup>8</sup>	74.52	58.31**	16.23	0.02	0.00	--	--	--	--	--	--
09/04/01 <sup>8</sup>	74.52	58.26**	16.28	0.03	0.00	NOT SAMPLED DUE TO THE PRESENCE OF SPH				--	--
10/08/01 <sup>8</sup>	74.52	57.97**	16.57	0.03	0.01 <sup>5</sup>	--	--	--	--	--	--
11/12/01 <sup>8</sup>	74.52	58.07**	16.46	0.01	0.00	--	--	--	--	--	--
12/26/01 <sup>8</sup>	74.52	61.12	13.40	0.00	0.00	--	--	--	--	--	--

**Table 1**  
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Former Chevron Service Station #9-1026  
3701 Broadway  
Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH							MTBE (ppb)
					REMOVED (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)		
<b>B-2 (cont)</b>												
01/25/02 <sup>8</sup>	74.52	60.17	14.35	0.00	0.00	--	--	--	--	--	--	--
02/05/02 <sup>8</sup>	74.52	60.05	14.47	0.00	0.00	--	--	--	--	--	--	--
03/18/02 <sup>8</sup>	74.52	60.38	14.14	0.00	0.00	110,000	24,000	2,500	2,500	9,200	<30	<30
04/27/02 <sup>8</sup>	74.52	59.46	15.06	0.00	0.26 <sup>10</sup>	--	--	--	--	--	--	--
05/20/02 <sup>8</sup>	74.52	59.06	15.46	0.00	0.26 <sup>10</sup>	--	--	--	--	--	--	--
06/17/02 <sup>8</sup>	74.52	58.82	15.70	0.00	0.13 <sup>10</sup>	--	--	--	--	--	--	--
07/01/02 <sup>8</sup>	74.52	58.75	15.77	0.00	0.00	--	--	--	--	--	--	--
08/19/02 <sup>8</sup>	74.52	58.34	16.18	0.00	0.00	--	--	--	--	--	--	--
09/23/02 <sup>8</sup>	74.52	58.22**	16.31	0.01	0.00	90,000	23,000	2,200	2,400	8,600	<500	<500
10/21/02 <sup>8</sup>	74.52	58.08**	16.45	0.01	0.00	--	--	--	--	--	--	--
11/26/02 <sup>8</sup>	74.52	58.04	16.48	0.00	0.00	--	--	--	--	--	--	--
12/26/02 <sup>8</sup>	74.52	59.46	15.06	0.00	0.00	--	--	--	--	--	--	--
02/05/03 <sup>8</sup>	74.52	59.65	14.87	0.00	0.00	--	--	--	--	--	--	--
03/01/03 <sup>11</sup>	74.52	59.57	14.95	0.00	0.00	--	--	--	--	--	--	--
03/25/03	74.52	60.22	14.30	0.00	0.00	130,000	28,000	2,600	3,000	15,000	<500	<500
04/21/03	74.52	60.76	13.76	0.00	0.00	--	--	--	--	--	--	--
05/26/03	74.52	60.12	14.40	0.00	0.00	--	--	--	--	--	--	--
06/16/03	74.52	59.77	14.75	0.00	0.00	--	--	--	--	--	--	--
07/17/03	74.52	59.38	15.14	0.00	0.00	--	--	--	--	--	--	--
08/11/03	74.52	59.16	15.36	0.00	0.00	--	--	--	--	--	--	--
09/23/03 <sup>12</sup>	74.52	58.82	15.70	0.00	0.00	160,000	29,000	2,500	3,300	15,000	220	220
10/13/03	74.52	58.59	15.93	0.00	0.00	--	--	--	--	--	--	--
11/24/03	74.52	58.62	15.90	0.00	0.00	--	--	--	--	--	--	--
12/15/03	74.52	58.97	15.55	0.00	0.00	--	--	--	--	--	--	--
01/12/04	74.52	60.48	14.04	0.00	0.00	--	--	--	--	--	--	--
02/10/04	74.52	60.50	14.02	0.00	0.00	--	--	--	--	--	--	--
03/17/04 <sup>11,12</sup>	74.52	61.08	13.44	0.00	0.00	95,000	18,000	1,400	2,000	9,300	170	170
04/09/04 <sup>11</sup>	74.52	60.48	14.04	0.00	0.00	--	--	--	--	--	--	--
05/11/04 <sup>11</sup>	74.52	60.44	14.08	0.00	0.00	--	--	--	--	--	--	--
06/21/04 <sup>11</sup>	74.52	59.17	15.35	0.00	0.00	--	--	--	--	--	--	--
07/09/04 <sup>11</sup>	74.52	59.05	15.47	0.00	0.00	--	--	--	--	--	--	--
08/10/04 <sup>11</sup>	74.52	58.80	15.72	0.00	0.00	--	--	--	--	--	--	--
09/16/04 <sup>11,12</sup>	74.52	58.52	16.00	0.00	0.00	81,000	21,000	1,000	1,900	8,100	220	220
10/12/04 <sup>11</sup>	74.52	58.35	16.17	0.00	0.00	--	--	--	--	--	--	--
11/12/04	74.52	58.91	15.61	0.00	0.00	--	--	--	--	--	--	--

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3701 Broadway  
Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH		B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
					REMOVED (gallons)	TPH-G (ppb)					
<b>B-2 (cont)</b>											
12/08/04	74.52	59.23	15.29	0.00	0.00	--	--	--	--	--	--
01/25/05	74.52	59.49	15.03	0.00	0.00	--	--	--	--	--	--
02/11/05	74.52	59.51	15.01	0.00	0.00	--	--	--	--	--	--
03/31/05 <sup>12</sup>	74.52	61.78	12.74	0.00	0.00	64,000	15,000	910	880	4,900	130
04/26/05	74.52	61.76	12.76	0.00	0.00	--	--	--	--	--	--
05/13/05	74.52	61.42	13.10	0.00	0.00	--	--	--	--	--	--
06/28/05	74.52	61.56	12.96	0.00	0.00	--	--	--	--	--	--
07/15/05	74.52	60.82	13.70	0.00	0.00	--	--	--	--	--	--
08/19/05	74.52	60.24	14.28	0.00	0.00	--	--	--	--	--	--
09/26/05 <sup>12</sup>	74.52	58.85	15.67	0.00	0.00	74,000	24,000	1,200	2,000	8,500	170
10/17/05	74.52	58.87	15.65	0.00	0.00	--	--	--	--	--	--
11/18/05	74.52	58.75	15.77	0.00	0.00	--	--	--	--	--	--
12/12/05	74.52	60.26	14.26	0.00	0.00	--	--	--	--	--	--
01/24/06	74.52	60.48	14.04	0.00	0.00	--	--	--	--	--	--
02/10/06	74.52	60.43	14.09	0.00	0.00	--	--	--	--	--	--
03/31/06 <sup>12</sup>	74.52	61.95	12.57	0.00	0.00	72,000	17,000	770	1,500	5,000	130
04/14/06	74.52	62.01	12.51	0.00	0.00	--	--	--	--	--	--
05/12/06	74.52	61.59	12.93	0.00	0.00	--	--	--	--	--	--
06/12/06	74.52	61.11	13.41	0.00	0.00	--	--	--	--	--	--
07/19/06	74.52	INACCESSIBLE - WELL GROUTED/PLUGGED				--	--	--	--	--	--
DESTROYED - JULY 2006											
<b>B-3</b>											
05/09/89	74.12	60.01	14.02	--	--	70,000	12,000	9500	400	8900	--
08/09/89	74.12	58.74	15.38	--	--	--	--	--	--	--	--
11/09/89	74.12	58.61**	15.55	0.05	--	--	--	--	--	--	--
02/08/90	74.12	59.44	14.68	<0.01	--	--	--	--	--	--	--
05/10/90	74.12	58.99**	15.15	0.02	--	--	--	--	--	--	--
08/09/90	74.12	58.85	15.27	<0.01	--	--	--	--	--	--	--
11/13/90	74.12	58.13**	16.04	0.06	--	--	--	--	--	--	--
04/05/91	74.12	60.82	13.30	<0.01	--	--	--	--	--	--	--
06/19/91	74.12	58.96	15.16	--	--	260,000	20,000	9000	2200	16,000	--
08/21/91	74.12	58.51	15.61	--	--	70,000	28,000	11,000	1800	11,000	--
11/08/91	74.12	58.35	15.77	--	--	150,000	29,000	9700	2200	13,000	--
02/13/92	74.12	59.24	14.88	--	--	100,000	27,000	9906	2000	11,000	--
05/01/92	74.12	59.93**	14.20	0.01	--	--	--	--	--	--	--

**TABLE 1**  
**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Service Station #9-1026  
3701 Broadway  
Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH						MTBE (ppb)
					REMOVED (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	
<b>B-3 (cont)</b>											
11/18/92	74.13	58.47**	15.68	0.03	--	--	--	--	--	--	--
03/19/93	74.13	61.24**	13.75	1.08	--	--	--	--	--	--	--
06/10/93	74.13	60.04**	14.79	0.87	--	--	--	--	--	--	--
09/08/93	74.13	58.81**	15.38	0.08	--	--	--	--	--	--	--
12/21/93	74.13	59.39	14.74	--	--	1,100,000	18,000	29,000	8900	59,000	--
03/09/94	74.13	60.60	13.53	--	--	130,000	11,000	20,000	1700	15,000	--
09/21/94	74.13	58.45**	15.70	0.02 <sup>1</sup>	--	--	--	--	--	--	--
12/20/94	74.13	60.67**	13.48	0.03	--	--	--	--	--	--	--
03/28/95	74.13	--	--	1.54	2.000	--	--	--	--	--	--
06/22/95	74.13	60.86**	14.25	1.23	0.500	--	--	--	--	--	--
09/21/95	74.13	59.12**	15.25	0.30	0.500	--	--	--	--	--	--
03/22/96	74.13	62.97**	11.46	0.37	0.250	--	--	--	--	--	--
09/25/96	74.13	60.13**	14.82	1.02	1.000	--	--	--	--	--	--
03/06/97	74.13	61.23**	13.12	0.28	0.500	--	--	--	--	--	--
09/12/97	74.13	59.56**	14.67	0.13	2.000	--	--	--	--	--	--
04/02/98	74.13	62.93	11.20	Sheen	--	160,000	27,000	26,000	2500	14,000	<500
09/15/98	74.13	60.12**	14.05	0.05	0.500	--	--	--	--	--	--
03/09/99	74.13	62.77**	11.41	0.06	0.053	--	--	--	--	--	--
09/29/99	74.13	59.23**	15.00	0.13	0.070	--	--	--	--	--	--
03/14/00	74.13	63.15	10.98	--	--	177,000	15,000	22,000	2910	17,000	<1250
08/28/00	74.13	59.74**	14.41	0.02	0.26 <sup>5</sup>	NOT SAMPLED DUE TO THE PRESENCE OF SPH				--	--
03/22/01	74.13	62.06	12.07	0.00	0.00	366,000 <sup>3</sup>	28,200	31,500	5,460	29,600	<2,500
09/04/01	74.13	58.66	15.47	0.00	0.00	140,000	34,000	14,000	2,300	11,000	<200/<25 <sup>9</sup>
03/18/02	74.13	62.07	12.06	0.00	0.00	150,000	33,000	16,000	2,500	12,000	<30
09/23/02	74.13	59.17	14.96	0.00	0.00	130,000	31,000	13,000	2,200	11,000	<60
03/25/03	74.13	61.16	12.97	0.00	0.00	150,000	36,000	17,000	2,500	13,000	<130
09/23/03 <sup>12</sup>	74.13	59.32	14.81	0.00	0.00	160,000	37,000	19,000	3,800	17,000	<500
03/17/04 <sup>12</sup>	74.13	62.03	12.10	0.00	0.00	100,000	15,000	9,900	1,500	9,400	<10
09/16/04 <sup>12</sup>	74.13	59.04	15.09	0.00	0.00	98,000	21,000	14,000	2,000	9,400	11
03/31/05 <sup>12</sup>	74.13	63.01	11.12	0.00	0.00	120,000	24,000	15,000	1,400	9,500	<13
09/26/05 <sup>12</sup>	74.13	59.44	14.69	0.00	0.00	110,000	29,000	17,000	2,100	12,000	<25
03/31/06 <sup>12</sup>	74.13	63.05	11.08	0.00	0.00	130,000	24,000	15,000	1,500	8,400	7

DESTROYED - JULY 2006

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Service Station #9-1026  
3701 Broadway  
Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH		B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
					REMOVED (gallons)	TPH-G (ppb)					
<b>B-4</b>											
05/09/89	76.43	61.50	14.93	--	--	3600	840	34	120	200	--
08/09/89	76.43	59.78	16.65	--	--	<500	4200	130	370	260	--
11/09/89	76.43	--	--	--	--	5000	4200	83	400	250	--
02/08/90	76.43	59.44	16.99	--	--	14,000	6000	70	530	300	--
05/10/90	76.43	60.38	16.05	--	--	12,000	5400	130	460	320	--
08/09/90	76.43	59.94	16.49	--	--	16,000	7400	120	530	350	--
11/13/90	76.43	59.79	16.64	--	--	21,000	7000	100	550	320	--
03/27/91	76.43	59.01	17.42	--	--	17,000	8500	120	500	300	--
04/05/91	76.43	61.77	14.66	--	--	14,000	7700	75	610	210	--
06/19/91	76.43	59.95	16.48	--	--	16,000	7800	110	550	340	--
08/21/91	76.43	59.43	17.00	--	--	18,000	11,000	110	450	340	--
11/08/91	76.43	59.05	17.38	--	--	18,000	6800	98	500	620	--
02/13/92	76.43	60.01	16.42	--	--	15,000	9100	86	570	350	--
05/01/92	76.43	60.93	15.50	--	--	36,000	16,000	180	990	690	--
03/19/93	76.43	62.32	14.11	--	--	26,000	15,000	150	900	790	--
06/10/93	76.43	60.99	15.44	--	--	35,000	14,000	180	940	590	--
09/08/93	76.43	59.78	16.65	--	--	34,000	15,000	170	1100	870	--
12/21/93	76.43	59.98	16.45	--	--	30,000	12,000	74	610	340	--
03/09/94	76.43	61.55	14.88	--	--	37,000	15,000	140	1000	580	--
09/21/94	76.43	59.29	17.14	--	--	32,000	14,000	110	660	190	--
12/20/94	76.43	61.44	14.99	--	--	23,000	8400	97	640	530	--
03/28/95	76.43	65.10	11.33	--	--	27,000	9900	120	880	540	--
06/22/95	76.43	61.84	14.59	--	--	33,000	12,000	84	650	150	--
09/21/95	76.43	60.24	16.19	--	--	20,000	12,000	72	540	68	--
03/22/96	76.43	64.43	12.00	--	--	29,000	10,000	72	560	170	400
09/25/96	76.43	60.15	16.28	--	--	53,000	11,000	<50	160	74	<500
03/06/97	76.43	62.87	13.56	--	--	<5,000	17,000	<50	<50	<50	<500
09/12/97	76.43	60.41	16.02	--	--	7600	8100	65	520	38	300
04/02/98	76.43	64.58	11.85	--	--	28,000 <sup>2</sup>	9700	59	760	220	<250
09/15/98	76.43	61.08	15.35	--	--	25,000	12,000	200	900	<200	<1000
03/09/99	76.43	64.11	12.32	--	--	21,000	11,000	<100	770	270	800
09/29/99	76.43	60.31	16.12	--	--	8610	9500	32.1	1160	88.2	260
03/14/00	76.43	65.86	10.57	--	--	29,100	11,000	223	1010	556	<500
08/28/00 <sup>4</sup>	76.43	60.78	15.65	0.00	0.00	13,000 <sup>3</sup>	8,600	96	920	74	400
03/22/01	76.43	63.57	12.86	0.00	0.00	14,400 <sup>6</sup>	6,770	<50.0	224	112	345

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Service Station #9-1026  
3701 Broadway  
Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH REMOVED (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
<b>B-4 (cont)</b>											
09/04/01	76.43	60.19	16.24	0.00	0.00	23,000	9,900	61	340	71	<50/<3 <sup>9</sup>
03/18/02	76.43	63.57	12.86	0.00	0.00	26,000	8,400	71	550	300	<15
09/23/02	76.43	60.16	16.27	0.00	0.00	21,000	7,600	51	250	43	<10
03/25/03	76.43	62.35	14.08	0.00	0.00	21,000	7,100	42	330	78	<50
09/23/03 <sup>12</sup>	76.43	60.29	16.14	0.00	0.00	21,000	77,000	370	2,500	500	<250
03/17/04 <sup>12</sup>	76.43	63.35	13.08	0.00	0.00	16,000	5,500	30	320	110	4
09/16/04 <sup>12</sup>	76.43	60.17	16.26	0.00	0.00	28,000	5,900	3,800	470	2,800	<5
03/31/05 <sup>12</sup>	76.43	64.55	11.88	0.00	0.00	12,000	3,300	26	350	150	<3
09/26/05 <sup>12</sup>	76.43	60.48	15.95	0.00	0.00	16,000	6,100	28	220	68	<5
03/31/06 <sup>12</sup>	76.43	64.73	11.70	0.00	0.00	9,200	2,100	17	220	120	0.6
DESTROYED - JULY 2006											
<b>B-6</b>											
05/09/89	72.66	60.55	12.11	--	--	26,000	120	110	250	1300	--
08/09/89	72.66	57.94	14.72	--	--	19,000	470	150	440	1400	--
11/09/89	72.66	58.81	13.85	--	--	13,000	70	36	36	440	--
02/08/90	72.66	64.93	7.73	--	--	2900	16	5.0	10	58	--
05/10/90	72.66	--	--	--	--	--	--	--	--	--	--
08/09/90	72.66	58.15	14.51	--	--	14,000	55	3.0	130	500	--
11/13/90	72.66	57.80	14.86	--	--	--	--	--	--	--	--
04/05/91	72.66	62.23	10.43	--	--	--	--	--	--	--	--
ABANDONED											
<b>B-7</b>											
05/09/89	75.40	60.67	14.73	--	--	210,000	13,000	19,000	2000	20,000	--
08/09/89	75.40	59.04	16.36	--	--	672,000	87,000	17,000	2700	30,000	--
11/09/89	75.40	58.76	16.64	--	--	150,000	7000	12,000	1800	16,000	--
02/08/90	75.40	59.71	15.69	--	--	41,000	2500	6900	1100	11,000	--
05/10/90	75.40	--	--	--	--	--	--	--	--	--	--
08/09/90	75.40	59.09	16.31	--	--	50,000	1100	3900	640	7200	--
11/13/90	75.40	58.31	17.09	--	--	--	--	--	--	--	--
04/05/91	75.40	61.04	14.36	--	--	--	--	--	--	--	--
ABANDONED											

**TABLE 1**  
**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Service Station #9-1026  
3701 Broadway  
Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH						MTBE (ppb)	
					REMOVED (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)		
<b>TRIP BLANK</b>												
05/09/89	--	--	--	--	--	<500	<0.5	<0.5	<0.5	<0.5	<0.5	--
08/09/89	--	--	--	--	--	<500	<0.5	<0.5	<0.5	<0.5	<0.5	--
11/09/89	--	--	--	--	--	<500	<0.5	<0.5	<0.5	<0.5	<0.5	--
02/08/90	--	--	--	--	--	<50	<0.3	<0.3	<0.3	<0.3	<0.6	--
05/10/90	--	--	--	--	--	<50	<0.3	<0.3	<0.3	<0.3	<0.6	--
08/09/90	--	--	--	--	--	<50	<0.3	<0.3	<0.3	<0.3	<0.6	--
11/13/90	--	--	--	--	--	<50	<0.4	<0.3	<0.3	<0.3	<0.4	--
03/27/91	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
06/19/91	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
08/21/91	--	--	--	--	--	<50	<0.4	<0.3	<0.3	<0.3	<0.4	--
11/08/91	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
02/13/92	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
05/01/92	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
11/18/92	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/19/93	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<1.5	--
06/10/93	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<1.5	--
09/08/93	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<1.5	--
12/21/93	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/09/94	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
09/21/94	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
12/20/94	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/28/95	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
06/22/95	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
09/21/95	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/22/96	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0
09/25/96	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0
03/06/97	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0
09/12/97	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<2.5
04/02/98	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<2.5
09/15/98	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<10
03/09/99	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<2.5
09/29/99	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<2.5
03/14/00	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<2.5
08/28/00	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<2.5
03/22/01	--	--	--	--	--	<50.0	<0.500	<0.500	<0.500	<0.500	<0.500	<2.50

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**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Service Station #9-1026  
3701 Broadway  
Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH		B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	
					REMOVED (gallons)	TPH-G (ppb)						
<b>TRIP BLANK (cont)</b>												
09/04/01	--	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
<b>QA</b>												
03/18/02	--	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
09/23/02	--	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
03/25/03	--	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
09/23/03 <sup>12</sup>	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/17/04 <sup>12</sup>	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/16/04 <sup>12</sup>	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/31/05 <sup>12</sup>	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/26/05 <sup>12</sup>	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/31/06 <sup>12</sup>	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/23/07 <sup>12</sup>	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
<b>03/18/08<sup>12</sup></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>&lt;0.5</b>



**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Service Station #9-1026  
3701 Broadway  
Oakland, California

**EXPLANATIONS:**

Groundwater monitoring data and laboratory analytical results prior to August 28, 2000, were compiled from reports prepared by Blaine Tech Services, Inc.

TOC = Top of Casing	TPH-G = Total Petroleum Hydrocarbons as Gasoline	(ppb) = Parts per billion
(ft.) = Feet	B = Benzene	-- = Not Measured/Not Analyzed
GWE = Groundwater Elevation	T = Toluene	ND = Not Detected
(msl) = Mean sea level	E = Ethylbenzene	QA = Quality Assurance/Trip Blank
DTW = Depth to Water	X = Xylenes	
SPHT = Separate Phase Hydrocarbon Thickness	MTBE = Methyl tertiary butyl ether	

\* TOC elevation referenced to msl.

\*\* GWE was corrected for the presence of SPH; correction factor: [(TOC - DTW) + (SPHT x 0.80)].

<sup>1</sup> Approximate thickness; equipment not functioning properly.

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

<sup>3</sup> Laboratory report indicates gasoline C6-C12.

<sup>4</sup> Laboratory report indicates sample was analyzed outside of the EPA recommended holding time.

<sup>5</sup> Product + water removed.

<sup>6</sup> Laboratory report indicates unidentified hydrocarbons C6-C12.

<sup>7</sup> Skimmer installed May of 2001.

<sup>8</sup> Skimmer in well.

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

<sup>10</sup> Water removed from skimmer; no product.

<sup>11</sup> Skimmer removed for repair.

<sup>12</sup> BTEX and MTBE by EPA Method 8260.

<sup>13</sup> 0.5 ounces of product removed from well.

<sup>14</sup> 1.5 ounces of product removed from well.

<sup>15</sup> 2 ounces of product removed from well.

<sup>16</sup> TOC was altered during well repairs; unable to determine an accurate GWE.

**Table 2**  
**Separate Phase Hydrocarbon Thickness/Removal Data**  
Former Chevron Service Station #9-1026  
3701 Broadway  
Oakland, California

WELL ID	DATE	DTW (ft.)	SPH Thickness (ft.)	Amount Bailed (Product + Water) (gallons)
B	08/28/00	15.29	1.07	0.26
	03/22/01	13.26	0.49	0.26
	06/25/01 <sup>1</sup>	15.30	1.08	0.00
	07/09/01 <sup>2</sup>	15.15	0.97	0.26
	08/06/01 <sup>2</sup>	15.31	0.98	1.04
	09/04/01 <sup>2</sup>	15.46	0.81	0.00
	10/08/01 <sup>2</sup>	15.68	0.77	0.06
	11/12/01 <sup>2</sup>	15.45	0.78	1.50
	12/26/01 <sup>2</sup>	12.98	0.58	4.39
	01/25/02 <sup>2</sup>	12.71	0.08	0.13
	02/05/02 <sup>2</sup>	13.16	0.09	2.63
	03/18/02 <sup>2</sup>	12.79	0.04	2.03
	04/27/02 <sup>2</sup>	13.66	0.00	0.26 <sup>3</sup>
	05/20/02 <sup>2</sup>	13.78	0.00	0.26 <sup>3</sup>
	06/17/02 <sup>2</sup>	14.34	0.29	3.39
	07/01/02 <sup>2</sup>	14.78	0.55	2.26
	08/19/02 <sup>2</sup>	15.03	0.49	6.53
	09/23/02 <sup>2</sup>	15.13	0.44	0.40
	10/21/02 <sup>2</sup>	15.21	0.40	0.33
	11/26/02 <sup>2</sup>	15.17	0.36	0.26
	12/26/02 <sup>2</sup>	13.06	0.21	0.13
	02/05/03 <sup>2</sup>	13.33	0.22	0.07
	03/01/03 <sup>4</sup>	13.31	0.13	0.07
	03/25/03	13.41	0.13	0.03
	04/21/03	13.20	0.10	0.07
	05/26/03	13.70	0.09	0.07
	06/16/03	14.04	0.11	0.07
	07/17/03	14.36	0.27	0.13 <sup>5</sup>
	08/11/03	14.61	0.30	0.13
	09/23/03	14.96	0.25	0.59
	10/13/03	14.99	0.18	0.39 <sup>5</sup>
	11/24/03	14.85	0.12	0.07 <sup>5</sup>
	12/15/03	14.39	0.12	0.07 <sup>5</sup>
	01/12/04	13.06	0.11	0.13 <sup>5</sup>
	02/10/04	13.46	0.09	0.01
	03/14/04 <sup>4</sup>	12.85	0.08	0.01
	04/09/04 <sup>4</sup>	13.54	0.02	1.51
	05/11/04 <sup>4</sup>	13.60	0.01	-- <sup>6</sup>
	06/21/04 <sup>4</sup>	14.46	0.07	0.03 <sup>5</sup>
	07/09/04 <sup>4</sup>	14.58	0.02	1.02
08/10/04 <sup>4</sup>	14.87	0.02	0.51	
09/16/04 <sup>4</sup>	14.85	0.03	0.52	
10/12/04 <sup>4</sup>	15.28	0.13	0.03	
11/12/04	14.75	0.02	0.52	
12/08/04	14.68	0.02	0.53	
01/25/05	14.25	0.02	0.53	
02/11/05	14.30	0.02	0.52	
03/31/05	12.07	0.03	1.03	
04/26/05	12.10	0.02	1.02	

**Table 2**  
**Separate Phase Hydrocarbon Thickness/Removal Data**  
Former Chevron Service Station #9-1026  
3701 Broadway  
Oakland, California

WELL ID	DATE	DTW (ft.)	SPH Thickness (ft.)	Amount Bailed (Product + Water) (gallons)
B (cont)	05/13/05	12.48	0.02	1.02
	06/28/05	12.37	0.03	1.02
	07/15/05	13.25	0.02	1.52
	08/19/05	13.76	0.02	1.02
	09/26/05	14.43	0.02	1.02
	10/17/05	14.47	0.02	1.01
	11/18/05	14.80	0.02	1.52
	12/12/05	13.81	0.02	1.01
	01/24/06	13.70	0.01	1.01
	02/10/06	13.78	0.01	1.01
	03/31/06	12.01	0.02	1.51
	04/14/06	12.02	0.01	1.00 <sup>7</sup>
	05/12/06	12.38	0.02	1.00 <sup>8</sup>
	06/12/06	13.03	0.02	1.00 <sup>8</sup>
	07/19/06	INACCESSIBLE - WELL GROUTED/PLUGGED		
DESTROYED - JULY 2006				
B-2	08/28/00	15.80	0.49	0.26
	03/22/01	13.77	0.30	0.07
	07/09/01 <sup>1</sup>	16.12	0.13	0.21 <sup>4</sup>
	08/06/01 <sup>2</sup>	16.23	0.02	0.00
	09/04/01 <sup>2</sup>	16.28	0.03	0.00
	10/08/01 <sup>2</sup>	16.57	0.03	0.01
	11/12/01 <sup>2</sup>	16.46	0.01	0.00
	12/26/01 <sup>2</sup>	13.40	0.00	0.00
	01/25/02 <sup>2</sup>	14.35	0.00	0.00
	02/05/02 <sup>2</sup>	14.47	0.00	0.00
	03/18/02 <sup>2</sup>	14.14	0.00	0.00
	04/27/02 <sup>2</sup>	15.06	0.00	0.26 <sup>3</sup>
	05/20/02 <sup>2</sup>	15.46	0.00	0.26 <sup>3</sup>
	06/17/02 <sup>2</sup>	15.70	0.00	0.13 <sup>3</sup>
	07/01/02 <sup>2</sup>	15.77	0.00	0.00
	08/19/02 <sup>2</sup>	16.18	0.00	0.00
	09/23/02 <sup>2</sup>	16.31	0.01	0.00
	10/21/02 <sup>2</sup>	16.45	0.01	0.00
	11/26/02 <sup>2</sup>	16.48	0.00	0.00
	12/26/02 <sup>2</sup>	15.06	0.00	0.00
	02/05/03 <sup>2</sup>	14.87	0.00	0.00
	03/01/03 <sup>4</sup>	14.95	0.00	0.00
	03/25/03	14.30	0.00	0.00
	04/21/03	13.76	0.00	0.00
05/26/03	14.40	0.00	0.00	
06/16/03	14.75	0.00	0.00	
07/17/03	15.14	0.00	0.00	
08/11/03	15.36	0.00	0.00	
09/23/03	15.70	0.00	0.00	
10/13/03	15.93	0.00	0.00	
11/24/03	15.90	0.00	0.00	
12/15/03	15.55	0.00	0.00	

**Table 2**  
**Separate Phase Hydrocarbon Thickness/Removal Data**  
Former Chevron Service Station #9-1026  
3701 Broadway  
Oakland, California

<b>WELL ID</b>	<b>DATE</b>	<b>DTW (ft.)</b>	<b>SPH Thickness (ft.)</b>	<b>Amount Bailed (Product + Water) (gallons)</b>
<b>B-2 (cont)</b>	01/12/04	14.04	0.00	0.00
	02/10/04	14.02	0.00	0.00
	03/17/04 <sup>4</sup>	13.44	0.00	0.00
	04/09/04 <sup>4</sup>	14.04	0.00	0.00
	05/11/04 <sup>4</sup>	14.08	0.00	0.00
	06/21/04 <sup>4</sup>	15.35	0.00	0.00
	07/09/04 <sup>4</sup>	15.47	0.00	0.00
	08/10/04 <sup>4</sup>	15.72	0.00	0.00
	09/16/04 <sup>4</sup>	16.00	0.00	0.00
	10/12/04 <sup>4</sup>	16.17	0.00	0.00
	11/12/04	15.61	0.00	0.00
	12/08/04	15.29	0.00	0.00
	01/25/05	15.03	0.00	0.00
	02/11/05	15.01	0.00	0.00
	03/31/05	12.74	0.00	0.00
	04/26/05	12.76	0.00	0.00
	05/13/05	13.10	0.00	0.00
	06/28/05	12.96	0.00	0.00
	07/15/05	13.70	0.00	0.00
	08/19/05	14.28	0.00	0.00
	09/26/05	15.67	0.00	0.00
	10/17/05	15.65	0.00	0.00
	11/18/05	15.77	0.00	0.00
	12/12/05	14.26	0.00	0.00
	01/24/06	14.04	0.00	0.00
	02/10/06	14.09	0.00	0.00
	03/31/06	12.57	0.00	0.00
04/14/06	12.51	0.00	0.00	
05/12/06	12.93	0.00	0.00	
06/12/06	13.41	0.00	0.00	
07/19/06	INACCESSIBLE - WELL GROUTED/PLUGGED DESTROYED - JULY 2006			
<b>B-3</b>	08/28/00	14.41	0.02	0.26
	03/22/01	12.07	0.00	0.00
	09/04/01	15.47	0.00	0.00
	03/18/02	12.06	0.00	0.00
	09/23/02	14.96	0.00	0.00
	03/25/03	12.97	0.00	0.00
	09/23/03	14.81	0.00	0.00
	03/17/04	12.10	0.00	0.00
	09/16/04	15.09	0.00	0.00
	03/31/05	11.12	0.00	0.00
	09/26/05	14.69	0.00	0.00
03/31/06	11.08	0.00	0.00	

**Table 2**  
**Separate Phase Hydrocarbon Thickness/Removal Data**  
Former Chevron Service Station #9-1026  
3701 Broadway  
Oakland, California

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**EXPLANATIONS:**

DTW = Depth to Water

(ft.) = Feet

SPH = Separate Phase Hydrocarbons

- <sup>1</sup> Skimmer installed May of 2001.
- <sup>2</sup> Skimmer in well.
- <sup>3</sup> Water removed from skimmer; no product.
- <sup>4</sup> Skimmer removed for repair.
- <sup>5</sup> Pure product; no water.
- <sup>6</sup> 0.5 ounces of product removed from well.
- <sup>7</sup> 1.5 ounces of product removed from well.
- <sup>8</sup> 2 ounces of product removed from well.

**Table 3**  
**Groundwater Analytical Results - Oxygenate Compounds**  
Former Chevron Service Station #9-1026  
3701 Broadway  
Oakland, California

WELL ID	DATE	ETHANOL (ppb)	TBA (ppb)	MTBE (ppb)	DIPE (ppb)	ETBE (ppb)	TAME (ppb)	1,2-DCA (ppb)	EDB (ppb)
E	03/18/02	<500	<100	<2	<2	<2	<2	<2	<2
	09/23/03	SAMPLED ANNUALLY		--	--	--	--	--	--
	03/17/04	INACCESSIBLE - PAVED OVER		--	--	--	--	--	--
	03/31/05	INACCESSIBLE - PAVED OVER		--	--	--	--	--	--
	03/23/07	--	--	<0.5	--	--	--	--	--
	<b>03/18/08</b>	--	--	<b>&lt;0.5</b>	--	--	--	--	--
F	03/18/02	<500	<100	<2	<2	<2	<2	<2	<2
	09/23/03	SAMPLED ANNUALLY		--	--	--	--	--	--
	03/17/04	INACCESSIBLE - PAVED OVER		--	--	--	--	--	--
	03/31/05	INACCESSIBLE - PAVED OVER		--	--	--	--	--	--
	03/23/07	--	--	<0.5	--	--	--	--	--
	<b>03/18/08</b>	--	--	<b>&lt;0.5</b>	--	--	--	--	--
EA-1	03/18/02	<500	<100	<2	<2	<2	<2	<2	<2
	09/23/03	SAMPLED ANNUALLY		--	--	--	--	--	--
	03/17/04	--	--	0.6	--	--	--	--	--
	03/31/05	--	--	<0.5	--	--	--	--	--
	03/31/06	--	--	<0.5	--	--	--	--	--
	03/23/07	--	--	<0.5	--	--	--	--	--
<b>03/18/08</b>	--	--	<b>&lt;0.5</b>	--	--	--	--	--	
EA-2	03/18/02	<500	<100	<2	<2	<2	<2	<2	<2
	09/23/03	SAMPLED ANNUALLY		--	--	--	--	--	--
	03/17/04	--	--	0.7	--	--	--	--	--
	03/31/05	--	--	<0.5	--	--	--	--	--
	03/31/06	--	--	<0.5	--	--	--	--	--
	03/23/07	--	--	<0.5	--	--	--	--	--
<b>03/18/08</b>	--	--	<b>&lt;0.5</b>	--	--	--	--	--	
B-1	09/04/01	<500	<100	<2	<2	<2	<2	<2	<2
	09/23/03	--	--	<0.5	--	--	--	--	--
	03/17/04	--	--	<0.5	--	--	--	--	--

**Table 3**  
**Groundwater Analytical Results - Oxygenate Compounds**  
Former Chevron Service Station #9-1026  
3701 Broadway  
Oakland, California

WELL ID	DATE	ETHANOL (ppb)	TBA (ppb)	MTBE (ppb)	DIPE (ppb)	ETBE (ppb)	TAME (ppb)	1,2-DCA (ppb)	EDB (ppb)
B-1 (cont)	09/16/04	--	--	<0.5	--	--	--	--	--
	03/31/05	--	--	<0.5	--	--	--	--	--
	09/26/05	--	--	<0.5	--	--	--	--	--
	03/31/06	--	--	<0.5	--	--	--	--	--
DESTROYED - JULY 2006									
B-2	09/23/03	--	--	220	--	--	--	--	--
	03/17/04	--	--	170	--	--	--	--	--
	09/16/04	--	--	220	--	--	--	--	--
	03/31/05	--	--	130	--	--	--	--	--
	09/26/05	--	--	170	--	--	--	--	--
	03/31/06	--	--	130	--	--	--	--	--
DESTROYED - JULY 2006									
B-3	09/04/01	<2,500	890	<25	<25	<25	<25	720	<25
	09/23/03	--	--	<500	--	--	--	--	--
	03/17/04	--	--	<10	--	--	--	--	--
	09/16/04	--	--	11	--	--	--	--	--
	03/31/05	--	--	<13	--	--	--	--	--
	09/26/05	--	--	<25	--	--	--	--	--
	03/31/06	--	--	7	--	--	--	--	--
DESTROYED - JULY 2006									
B-4	09/04/01	<500	560	<3	<3	<3	<3	200	<3
	09/23/03	--	--	<250	--	--	--	--	--
	03/17/04	--	--	4	--	--	--	--	--
	09/16/04	--	--	<5	--	--	--	--	--
	03/31/05	--	--	<3	--	--	--	--	--
	09/26/05	--	--	<5	--	--	--	--	--
	03/31/06	--	--	0.6	--	--	--	--	--
DESTROYED - JULY 2006									
A	09/23/03	SAMPLED ANNUALLY		--	--	--	--	--	--
	03/17/04	INACCESSIBLE - DUE TO TRAILER PARKED OVER WELL		--	--	--	--	--	--
	03/31/05	--	--	<0.5	--	--	--	--	--
	03/31/06	--	--	<0.5	--	--	--	--	--
DESTROYED - JULY 2006									

**Table 3**

**Groundwater Analytical Results - Oxygenate Compounds**

Former Chevron Service Station #9-1026

3701 Broadway

Oakland, California

WELL ID	DATE	ETHANOL (ppb)	TBA (ppb)	MTBE (ppb)	DIPE (ppb)	ETBE (ppb)	TAME (ppb)	1,2-DCA (ppb)	EDB (ppb)
B	09/23/03	NOT SAMPLED DUE TO SPH		--	--	--	--	--	--
	03/17/04	NOT SAMPLED DUE TO SPH		--	--	--	--	--	--
	09/16/04	NOT SAMPLED DUE TO SPH		--	--	--	--	--	--
	03/31/05	NOT SAMPLED DUE TO SPH		--	--	--	--	--	--
	09/26/05	NOT SAMPLED DUE TO SPH		--	--	--	--	--	--
	03/31/06	NOT SAMPLED DUE TO SPH		--	--	--	--	--	--
DESTROYED - JULY 2006									



**Table 3**  
**Groundwater Analytical Results - Oxygenate Compounds**  
Former Chevron Service Station #9-1026  
3701 Broadway  
Oakland, California

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**EXPLANATIONS:**

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

**ANALYTICAL METHOD:**

EPA Method 8260 for Oxygenate Compounds

## STANDARD OPERATING PROCEDURE - GROUNDWATER SAMPLING

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

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

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

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

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

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

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



# GETTLER-RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-1026  
 Site Address: 3701 Broadway  
 City: Oakland, CA

Job Number: 385127  
 Event Date: 3-18-08 (inclusive)  
 Sampler: Joc

Well ID: E  
 Well Diameter: 2 in.  
 Total Depth: 32.96 ft.  
 Depth to Water: 10.13 ft.  
22.83 xVF 0.17 = 3.88

Date Monitored: 3-18-08

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.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 14.69 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: 0 ft  
 Visual Confirmation/Description: \_\_\_\_\_  
 Skimmer / Absorbant Sock (circle one)  
 Amt Removed from Skimmer: \_\_\_\_\_ gal  
 Amt Removed from Well: \_\_\_\_\_ gal  
 Water Removed: \_\_\_\_\_  
 Product Transferred to: \_\_\_\_\_

Start Time (purge): 0914 Weather Conditions: clear  
 Sample Time/Date: 0935 3-18-08 Water Color: clear Odor: Y / N  
 Approx. Flow Rate: 1-2 gpm. Sediment Description: \_\_\_\_\_  
 Did well de-water? \_\_\_\_\_ If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal. DTW @ Sampling: 13.38

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm (µS))	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
<u>0920</u>	<u>4</u>	<u>7.21</u>	<u>1218</u>	<u>62.7</u>	_____	_____
<u>0924</u>	<u>8</u>	<u>7.36</u>	<u>1225</u>	<u>63.3</u>	_____	_____
<u>0927</u>	<u>12</u>	<u>7.32</u>	<u>1231</u>	<u>63.5</u>	_____	_____

### LABORATORY INFORMATION

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

### COMMENTS:

\_\_\_\_\_

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



# GETTLER-RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-1026  
 Site Address: 3701 Broadway  
 City: Oakland, CA

Job Number: 385127  
 Event Date: 3-18-08 (inclusive)  
 Sampler: Joe

Well ID: F  
 Well Diameter: 2 in.  
 Total Depth: 29.23 ft.  
 Depth to Water: 12.52 ft.

Date Monitored: 3-18-08

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.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 15.86  
 $16.71 \times VF 0.17 = 2.84$  x3 case volume = Estimated Purge Volume: 9 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:	<u>2400</u> hrs
Time Completed:	<u>2400</u> hrs
Depth to Product:	<u>        </u> ft
Depth to Water:	<u>        </u> ft
Hydrocarbon Thickness:	<u>0</u> ft
Visual Confirmation/Description:	<u>        </u>
Skimmer / Absorbant Sock (circle one)	<u>        </u>
Amt Removed from Skimmer:	<u>        </u> gal
Amt Removed from Well:	<u>        </u> gal
Water Removed:	<u>        </u>
Product Transferred to:	<u>        </u>

Start Time (purge): 0846 Weather Conditions: clear  
 Sample Time/Date: 0905 3-18-08 Water Color: clear Odor: YIN  
 Approx. Flow Rate: 1-2 gpm. Sediment Description:           
 Did well de-water?  If yes, Time:          Volume:          gal. DTW @ Sampling: 13.78

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - (S))	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
<u>0850</u>	<u>3</u>	<u>7.35</u>	<u>1298</u>	<u>62.2</u>	<u>        </u>	<u>        </u>
<u>0853</u>	<u>6</u>	<u>7.45</u>	<u>1310</u>	<u>62.5</u>	<u>        </u>	<u>        </u>
<u>0856</u>	<u>9</u>	<u>7.42</u>	<u>1316</u>	<u>62.7</u>	<u>        </u>	<u>        </u>

### LABORATORY INFORMATION

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

### COMMENTS:

Add/Replaced Lock:          Add/Replaced Plug:          Add/Replaced Bolt:



# GETTLER-RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-1026  
 Site Address: 3701 Broadway  
 City: Oakland, CA

Job Number: 385127  
 Event Date: 3-18-08 (inclusive)  
 Sampler: Joc

Well ID: EA-1  
 Well Diameter: 4 in.  
 Total Depth: 27.76 ft.  
 Depth to Water: 13.98 ft.  
13.78 xVF 0.66 = 9.09

Date Monitored: 3-18-08

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.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 16.74  
 Estimated Purge Volume: 33 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: 4 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): 0800 Weather Conditions: clear  
 Sample Time/Date: 0830 13-18-08 Water Color: clear Odor: Y I N N  
 Approx. Flow Rate: 1-2 gpm. Sediment Description: \_\_\_\_\_  
 Did well de-water? \_\_\_\_\_ If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal. DTW @ Sampling: 14.83

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - µS)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
<u>0808</u>	<u>11</u>	<u>7.61</u>	<u>1096</u>	<u>63.2</u>	_____	_____
<u>0813</u>	<u>22</u>	<u>7.54</u>	<u>1078</u>	<u>63.6</u>	_____	_____
<u>0818</u>	<u>33</u>	<u>7.43</u>	<u>1083</u>	<u>62.9</u>	_____	_____

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>EA-1</u>	<u>6</u> x vov vial	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-G(8015)/BTEX+MTBE(8260)</u>

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

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



# GETTLER-RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-1026  
 Site Address: 3701 Broadway  
 City: Oakland, CA

Job Number: 385127  
 Event Date: 3-18-07 (inclusive)  
 Sampler: Joc

Well ID: EA-2  
 Well Diameter: 4 in.  
 Total Depth: 30.15 ft.  
 Depth to Water: 15.16 ft.

Date Monitored: 3-18-07

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.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 18.16  
 $xVF \ 0.66 = 9.89$  x3 case volume = Estimated Purge Volume: 30 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: 0 ft  
 Visual Confirmation/Description: \_\_\_\_\_  
 Skimmer / Absorbant Sock (circle one)  
 Amt Removed from Skimmer: \_\_\_\_\_ gal  
 Amt Removed from Well: \_\_\_\_\_ gal  
 Water Removed: \_\_\_\_\_  
 Product Transferred to: \_\_\_\_\_

Start Time (purge): 0715 Weather Conditions: clear  
 Sample Time/Date: 0745 13-18-08 Water Color: clear Odor: Y I N  
 Approx. Flow Rate: 1-3 gpm. Sediment Description: \_\_\_\_\_  
 Did well de-water? \_\_\_\_\_ If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal. DTW @ Sampling: 15.81

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm) (DS)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
<u>0724</u>	<u>10</u>	<u>6.96</u>	<u>1258</u>	<u>64.1</u>	_____	_____
<u>0728</u>	<u>20</u>	<u>7.24</u>	<u>1243</u>	<u>64.2</u>	_____	_____
<u>0733</u>	<u>30</u>	<u>7.21</u>	<u>1237</u>	<u>64.8</u>	_____	_____

### LABORATORY INFORMATION

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

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

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



031808-05

For Lancaster Laboratories use only  
 Acct. #: 10904 Sample # 5307482-486 Group #: 004496

Group 1082234

Facility #: SS#9-1026-OML G-R#385127 Global ID#T0600100334 Site Address: 3701 BROADWAY, OAKLAND, CA Chevron PM: OS Lead Consultant: CRACE Consultant/Office: G-R, Inc., 6747 Sierra Court, Suite J, Dublin, Ca. 94568 Consultant Prj. Mgr.: Deanna L. Harding (deanna@grinc.com) Consultant Phone #925-551-7555 Fax #: 925-551-7899 Sampler: JOE AJEMIAN			<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> <table border="1"> <tr> <th colspan="10">Preservation Codes</th> </tr> <tr> <td>H</td><td>H</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>BTEX + MTBE 8260</td><td>8021</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>TPH 8015 MOD GRO</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>TPH 8015 MOD DRO</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>8260 full scan</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>Oxygenates</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>Total Lead Method</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>Dissolved Lead Method</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> </table>										Preservation Codes										H	H										BTEX + MTBE 8260	8021										TPH 8015 MOD GRO											TPH 8015 MOD DRO											8260 full scan											Oxygenates											Total Lead Method											Dissolved Lead Method											<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	
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<b>Turnaround Time Requested (TAT) (please circle)</b> <input checked="" type="radio"/> STD. TAT      72 hour      48 hour 24 hour      4 day      5 day			Relinquished by: <i>[Signature]</i> Date: 3-18-08 Time: 1055		Received by: <i>[Signature]</i> Date: 3-18-08 Time: 1055																																																																																																													
<b>Data Package Options (please circle if required)</b> QC Summary      Type I - Full Type VI (Raw Data) <input type="checkbox"/> Coelt Deliverable not needed <b>EDF/EDD</b> WIP (RWQCB) Disk			Relinquished by: <i>[Signature]</i> Date: 3/18/08 Time: 1620		Received by: <i>[Signature]</i> Date: 3/18/08 Time: 1015																																																																																																													
Relinquished by Commercial Carrier: UPS <i>[Signature]</i> Other: <i>[Signature]</i> Temperature Upon Receipt: 0-6-34 C°			Received by: <i>[Signature]</i> Date: 3/18/08 Time: 1015		Custody/Seals Intact? Yes <i>[Signature]</i>																																																																																																													



# 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

## SAMPLE GROUP

The sample group for this submittal is 1082234. Samples arrived at the laboratory on Wednesday, March 19, 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-080318 NA Water	5307482
E-W-080318 Grab Water	5307483
F-W-080318 Grab Water	5307484
EA-1-W-080318 Grab Water	5307485
EA-2-W-080318 Grab Water	5307486

ELECTRONIC COPY TO CRA c/o Gettler-Ryan

Attn: Cheryl Hansen





## ***Analysis Report***

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2661 • [www.lancasterlabs.com](http://www.lancasterlabs.com)

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

Respectfully Submitted,

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

Marla S. Lord  
Senior Specialist



# Analysis Report

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

Page 1 of 1

Lancaster Laboratories Sample No. WW5307482

Group No. 1082234

QA-T-080318 NA Water  
Facility# 91026 Job# 385127 GRD  
3701 Broadway-Oakland T0600100334 QA  
Collected: 03/18/2008

Account Number: 10904

Submitted: 03/19/2008 10:15  
Reported: 03/31/2008 at 16:33  
Discard: 05/01/2008

Chevron  
6001 Bollinger Canyon Rd L4310  
San Ramon CA 94583

1026Q

CAT No.	Analysis Name	CAS Number	As Received	As Received	Units	Dilution Factor
			Result	Method		
01728	TPH-GRO - Waters	n.a.	N.D.	50.	ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
06054	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	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
01728	TPH-GRO - Waters	SW-846 8015B modified	1	03/22/2008 21:38	Patrick N Evans	1
06054	ETEX+MTBE by 8260E	SW-846 8260E	1	03/27/2008 03:23	Michael A Ziegler	1
01146	GC VOA Water Prep	SW-846 5030E	1	03/22/2008 21:38	Patrick N Evans	1
01163	GC/MS VOA Water Prep	SW-846 5030E	1	03/27/2008 03:23	Michael A Ziegler	1



# Analysis Report

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Page 1 of 1

Lancaster Laboratories Sample No. WW5307483

Group No. 1082234

E-W-080318 Grab Water  
Facility# 91026 Job# 385127 GRD  
3701 Broadway-Oakland T0600100334 E  
Collected: 03/18/2008 09:35 by JA

Account Number: 10904

Submitted: 03/19/2008 10:15  
Reported: 03/31/2008 at 16:33  
Discard: 05/01/2008

Chevron  
6001 Bollinger Canyon Rd L4310  
San Ramon CA 94583

1026E

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

State of California Lab Certification No. 2116

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 8015B modified	1	03/23/2008 00:04	Patrick N Evans	1
06054	BTEX+MTBE by 8260B	SW-846 8260B	1	03/27/2008 03:43	Michael A Ziegler	1
01146	GC VOA Water Prep	SW-846 5030B	1	03/23/2008 00:04	Patrick N Evans	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	03/27/2008 03:43	Michael A Ziegler	1

Lancaster Laboratories Sample No. WW5307484

Group No. 1082234

F-W-080318 Grab Water  
 Facility# 91026 Job# 385127 GRD  
 3701 Broadway-Oakland T0600100334 F  
 Collected: 03/18/2008 09:05 by JA

Account Number: 10904

Submitted: 03/19/2008 10:15  
 Reported: 03/31/2008 at 16:33  
 Discard: 05/01/2008

Chevron  
 6001 Bollinger Canyon Rd L4310  
 San Ramon CA 94583

1026F

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.					
06054	BTEX+MTBE by 8260B					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
05401	Eenzene	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	Analyst	Dilution Factor
				Date and Time		
01728	TPH-GRO - Waters	SW-846 8015B modified	1	03/23/2008 00:25	Patrick N Evans	1
06054	BTEX+MTBE by 8260B	SW-846 8260B	1	03/27/2008 04:03	Michael A Ziegler	1
01146	GC VOA Water Prep	SW-846 5030B	1	03/23/2008 00:25	Patrick N Evans	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	03/27/2008 04:03	Michael A Ziegler	1



# Analysis Report

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

Lancaster Laboratories Sample No. WW5307485

Group No. 1082234

EA-1-W-080318 Grab Water  
Facility# 91026 Job# 385127 GRD  
3701 Broadway-Oakland T0600100334 EA-1  
Collected: 03/18/2008 08:30 by JA

Account Number: 10904

Submitted: 03/19/2008 10:15  
Reported: 03/31/2008 at 16:33  
Discard: 05/01/2008

Chevron  
6001 Bollinger Canyon Rd L4310  
San Ramon CA 94583

026E1

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

State of California Lab Certification No. 2116

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

## Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01728	TPH-GRO - Waters	SW-846 8015B modified	1	03/23/2008 00:46	Patrick N Evans	1
06054	BTEX+MTBE by 8260B	SW-846 8260B	1	03/27/2008 04:24	Michael A Ziegler	1
01146	GC VOA Water Prep	SW-846 5030B	1	03/23/2008 00:46	Patrick N Evans	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	03/27/2008 04:24	Michael A Ziegler	1



# Analysis Report

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

Lancaster Laboratories Sample No. WW5307486

Group No. 1082234

EA-2-W-080318 Grab Water  
Facility# 91026 Job# 385127 GRD  
3701 Broadway-Oakland T0600100334 EA-2  
Collected: 03/18/2008 07:45 by JA

Account Number: 10904

Submitted: 03/19/2008 10:15  
Reported: 03/31/2008 at 16:33  
Discard: 05/01/2008

Chevron  
6001 Bollinger Canyon Rd L4310  
San Ramon CA 94583

026E2

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

State of California Lab Certification No. 2116

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	03/23/2008	01:07	Patrick N Evans	1
06054	BTEX+MTBE by 8260B	SW-846 8260B	1	03/27/2008	04:45	Michael A Ziegler	1
01146	GC VOA Water Prep	SW-846 5030E	1	03/23/2008	01:07	Patrick N Evans	1
01163	GC/MS VOA Water Prep	SW-846 5030E	1	03/27/2008	04:45	Michael A Ziegler	1

## Quality Control Summary

 Client Name: Chevron  
 Reported: 03/31/08 at 04:33 PM

Group Number: 1082234

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

<u>Analysis Name</u>	<u>Blank Result</u>	<u>Blank MDL</u>	<u>Report Units</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>LCS/LCSD Limits</u>	<u>RPD</u>	<u>RPD Max</u>
Batch number: 08082A54A TPH-GRO - Waters	N.D.	50.	ug/l	111	113	75-135	2	30
Batch number: Z080864AA Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	103		73-119		
Benzene	N.D.	0.5	ug/l	96		78-119		
Toluene	N.D.	0.5	ug/l	103		85-115		
Ethylbenzene	N.D.	0.5	ug/l	99		82-119		
Xylene (Total)	N.D.	0.5	ug/l	99		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

<u>Analysis Name</u>	<u>MS %REC</u>	<u>MSD %REC</u>	<u>MS/MSD Limits</u>	<u>RPD</u>	<u>RPD MAX</u>	<u>BKG Conc</u>	<u>DUP Conc</u>	<u>DUP RPD</u>	<u>Dup RPD Max</u>
Batch number: 08082A54A TPH-GRO - Waters	122		63-154						
Batch number: Z080864AA Methyl Tertiary Butyl Ether	105	106	69-127	1	30				
Benzene	103	104	83-128	1	30				
Toluene	110	112	83-127	2	30				
Ethylbenzene	106	108	82-129	2	30				
Xylene (Total)	103	105	82-130	2	30				

### Surrogate Quality Control

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

 Analysis Name: TPH-GRO - Waters  
 Batch number: 08082A54A  
 Trifluorotoluene-F

5307482	81
5307483	83
5307484	83
5307485	81
5307486	79
Blank	82

\*- 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: 03/31/08 at 04:33 PM

Group Number: 1082234

### Surrogate Quality Control

LCS 91  
LCSD 90  
MS 87

Limits: 63-135

Analysis Name: ETEX+MTBE by 8260B  
Batch number: Z080864AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5307482	97	109	110	94
5307483	98	109	107	96
5307484	97	107	110	94
5307485	97	109	109	94
5307486	96	108	108	95
Blank	100	109	107	95
LCS	99	109	108	99
MS	100	110	107	100
MSD	99	108	108	100
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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