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11:13 am, May 31, 2011  
Alameda County  
Environmental Health

**David Patten**  
Project Manager  
Marketing Business Unit

**Chevron Environmental  
Management Company**  
6111 Bollinger Canyon Road  
San Ramon, CA 94583  
Tel (925) 543-2961  
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Alameda County Health Care Services  
1131 Harbor Bay Parkway, Suite 250  
Alameda, CA 94502-6577

Re: Former Chevron Service Station No. 9-1026  
3701 Broadway  
Oakland, CA

I have reviewed the attached report dated May 23, 2011.

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

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

I declare under penalty of perjury that the foregoing is true and correct to the best of my knowledge.

Sincerely,

A handwritten signature in black ink, appearing to read "D. Patten", written over a light blue horizontal line.

David Patten  
Project Manager

Attachment: Report



**CONESTOGA-ROVERS  
& ASSOCIATES**

5900 Hollis Street, Suite A  
Emeryville, California 94608  
Telephone: (510) 420-0700 Fax: (510) 420-9170  
<http://www.craworld.com>

May 23, 2011

Reference No. 311959

Mr. Mark Detterman  
Alameda County Environmental Health Services  
1131 Harbor Bay Parkway, Suite 250  
Alameda, California 94502-6577

Re: First Quarter 2011  
Groundwater Monitoring and Sampling Report  
Former Chevron Station 9-1026  
3701 Broadway  
Oakland, California  
Agency Case No. RO0000500

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Dear Mr. Mark Detterman:

Conestoga-Rovers & Associates (CRA) is submitting this *First Quarter 2011 Groundwater Monitoring and Sampling Report* for the site referenced above (Figure 1) on behalf of Chevron Environmental Management Company. Groundwater monitoring and sampling was performed by Blaine Tech Services (Blaine Tech) of San Jose, California. Blaine Tech's March 23, 2011 *First Quarter 2011 Monitoring* report is included as Attachment A. Current and historical groundwater monitoring and sampling data are presented in Table 1. Lancaster Laboratories' March 29, 2011 *Analytical Results* is included as Attachment B.

### **RESULTS OF FIRST QUARTER 2011 EVENT**

On March 21, 2011, Blaine Tech monitored and sampled the site wells per the established schedule. Well EA-2 could not be monitored and sampled due to conflicting traffic control and construction in the area.

Results of the current monitoring event indicate the following:

- Groundwater Flow Direction NA
- Hydraulic Gradient NA
- Depth to Water 13.90 to 18.70 feet below grade

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Equal  
Employment Opportunity  
Employer

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May 23, 2011

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Results of the current sampling event are presented below in Table A:

<i>Well ID</i>	<i>TPHg (µg/L)</i>	<i>Benzene (µg/L)</i>	<i>Toluene (µg/L)</i>	<i>Ethylbenzene (µg/L)</i>	<i>Total Xylenes (µg/L)</i>	<i>MTBE (µg/L)</i>
<i>ESLs</i>	<b>100</b>	<b>1</b>	<b>40</b>	<b>30</b>	<b>20</b>	<b>5</b>
E	<50	<0.5	<0.5	<0.5	<0.5	<0.5
EA-1	<50	<0.5	<0.5	<0.5	<0.5	<0.5
EA-2	Well Inaccessible					
F	<50	<0.5	<0.5	<0.5	<0.5	<0.5
ESL	Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater, Prepared by California Regional Water Quality Control Board San Francisco Bay Region, Interim Final - November 2007, (Revised May 2008), Table F-1a-Groundwater Screening Levels-Current or Potential Drinking Water Resource.					
<	Indicates constituent was not detected at or above laboratory reporting limit.					

### ***Dissolved Hydrocarbon Delineation***

Given the lack of hydrocarbons in groundwater above ESLs, the extent of dissolved phase hydrocarbons in groundwater is adequately defined.

### ***Concentration Trends***

Hydrocarbons and MTBE concentrations in groundwater have been below ESLs since 2000.

## **CONCLUSIONS AND RECOMMENDATIONS**

The first quarter 2011 sampling event results indicate:

- Hydrocarbon and MTBE concentrations in groundwater have been below ESLs in all offsite wells since 2000.
- MTBE is not a chemical of concern at this site and CRA recommends no further analysis for MTBE in future monitoring and sampling events.



**CONESTOGA-ROVERS  
& ASSOCIATES**

May 23, 2011

Reference No. 311959

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**ANTICIPATED FUTURE ACTIVITIES**

***Groundwater Monitoring***

Blaine Tech will monitor and sample site wells per the established schedule. CRA will submit a groundwater monitoring and sampling report.



**CONESTOGA-ROVERS  
& ASSOCIATES**

May 23, 2011

Reference No. 311959

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Please contact Nathan Lee at (510) 420-3333 if you have any questions or require additional information.

Sincerely,

CONESTOGA-ROVERS & ASSOCIATES

Nathan Lee, PG 8486



NL/aa/6  
Encl.

Figure 1	Vicinity Map
Figure 2	Groundwater Elevation and Hydrocarbon Concentration Map
Table 1	Groundwater Monitoring and Sampling Data
Attachment A	Monitoring Data Package
Attachment B	Laboratory Analytical Report

cc: Mr. Dave Patten, Chevron EMC  
Mr. Gary Bankhead, Kaiser Foundation Hospitals  
Heitzinger Associates

## FIGURES



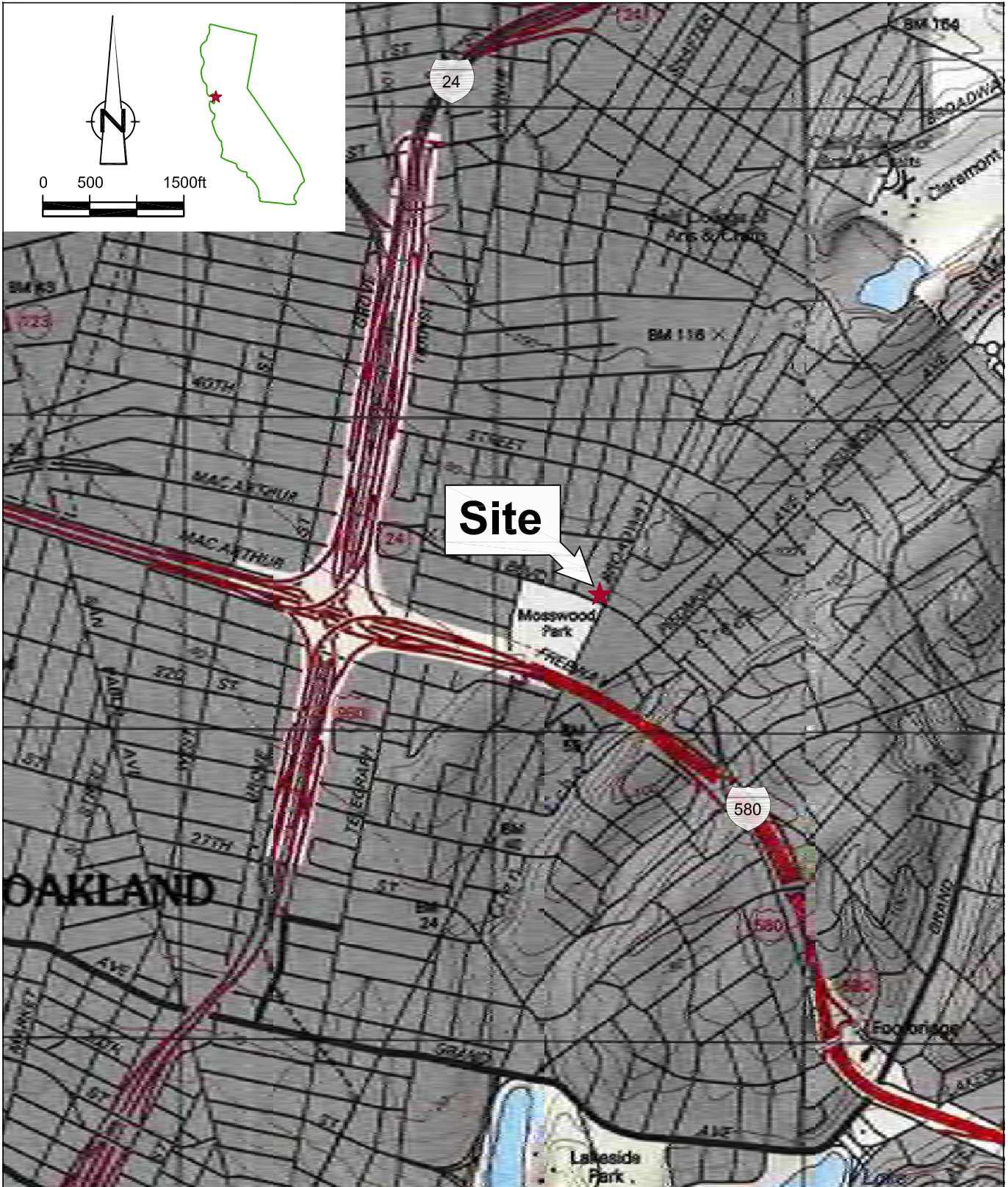
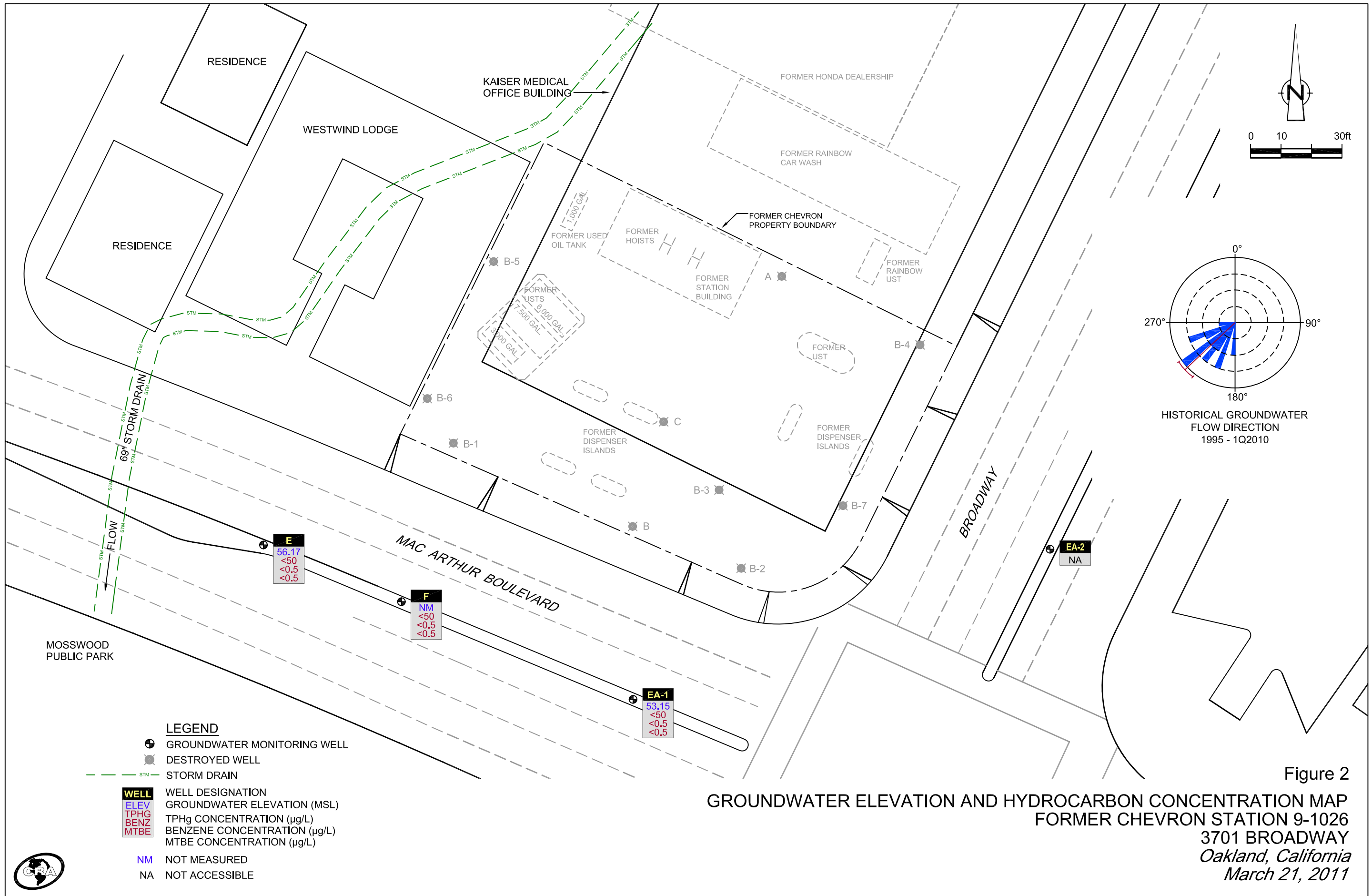


Figure 1  
 VICINITY MAP  
 FORMER CHEVRON STATION 9-1026  
 3701 BROADWAY  
 Oakland, California





**Figure 2**  
**GROUNDWATER ELEVATION AND HYDROCARBON CONCENTRATION MAP**  
**FORMER CHEVRON STATION 9-1026**  
**3701 BROADWAY**

*Oakland, California*  
*March 21, 2011*





## TABLE

**GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS  
FORMER CHEVRON STATION #9-1026  
3701 BROADWAY  
OAKLAND, CALIFORNIA**

WELL ID/ DATE	TOC* (ft.)	GWE (ft-amsl)	DTW (ft.)	LNAPL							
				LNAPLT (ft.)	REMOVED (gallons)	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
E											
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				--	--	--	--	--	--

**GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS  
FORMER CHEVRON STATION #9-1026  
3701 BROADWAY  
OAKLAND, CALIFORNIA**

WELL ID/ DATE	TOC* (ft.)	GWE (ft-amsl)	DTW (ft.)	LNAPL							
				LNAPLT (ft.)	REMOVED (gallons)	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
<b>E (cont)</b>											
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
03/03/09 <sup>12</sup>	70.07	59.52	10.55	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/31/10 <sup>12</sup>	70.07	53.54	16.53	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
<b>03/21/11</b>	<b>70.07</b>	<b>56.17</b>	<b>13.90</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>F</b>											
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	--

**GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS  
FORMER CHEVRON STATION #9-1026  
3701 BROADWAY  
OAKLAND, CALIFORNIA**

WELL ID/ DATE	TOC* (ft.)	GWE (ft-amsl)	DTW (ft.)	LNAPL							
				LNAPLT (ft.)	REMOVED (gallons)	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
<b>F (cont)</b>											
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

**GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS  
FORMER CHEVRON STATION #9-1026  
3701 BROADWAY  
OAKLAND, CALIFORNIA**

WELL ID/ DATE	TOC* (ft.)	GWE (ft-amsl)	DTW (ft.)	LNAPL							
				LNAPLT (ft.)	REMOVED (gallons)	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
<b>F (cont)</b>											
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>
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>	12.52	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5

**GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS  
FORMER CHEVRON STATION #9-1026  
3701 BROADWAY  
OAKLAND, CALIFORNIA**

WELL ID/ DATE	TOC* (ft.)	GWE (ft-amsl)	DTW (ft.)	LNAPL							
				LNAPLT (ft.)	REMOVED (gallons)	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
<b>F (cont)</b>											
03/03/09 <sup>12</sup>	-- <sup>16</sup>	-- <sup>16</sup>	12.91	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/31/10 <sup>12</sup>	-- <sup>16</sup>	-- <sup>16</sup>	19.68	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
<b>03/21/11</b>	-- <sup>16</sup>	-- <sup>16</sup>	<b>16.90</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-1</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	--



**GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS  
FORMER CHEVRON STATION #9-1026  
3701 BROADWAY  
OAKLAND, CALIFORNIA**

WELL ID/ DATE	TOC* (ft.)	GWE (ft-amsl)	DTW (ft.)	LNAPL							MTBE (µg/L)
				LNAPLT (ft.)	REMOVED (gallons)	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	
<b>EA-1 (cont)</b>											
06/10/93	71.85	57.14	14.71	--	--	<50	<0.5	<0.5	<0.5	<1.5	--
09/08/93	71.85	56.33**	15.58	0.08	--	--	--	--	--	--	--
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	--
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>

**GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS  
FORMER CHEVRON STATION #9-1026  
3701 BROADWAY  
OAKLAND, CALIFORNIA**

WELL ID/ DATE	TOC* (ft.)	GWE (ft-amsl)	DTW (ft.)	LNAPL							
				LNAPLT (ft.)	REMOVED (gallons)	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
<b>EA-1 (cont)</b>											
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
03/18/08 <sup>12</sup>	71.85	57.87	13.98	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/03/09 <sup>12</sup>	71.85	57.72	14.13	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/31/10 <sup>12</sup>	71.85	50.24	21.61	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
<b>03/21/11</b>	<b>71.85</b>	<b>53.15</b>	<b>18.70</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	--

**GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS  
FORMER CHEVRON STATION #9-1026  
3701 BROADWAY  
OAKLAND, CALIFORNIA**

WELL ID/ DATE	TOC* (ft.)	GWE (ft-amsl)	DTW (ft.)	LNAPL							
				LNAPLT (ft.)	REMOVED (gallons)	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
<b>EA-2 (cont)</b>											
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	--
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

**GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS  
FORMER CHEVRON STATION #9-1026  
3701 BROADWAY  
OAKLAND, CALIFORNIA**

WELL ID/ DATE	TOC* (ft.)	GWE (ft-amsl)	DTW (ft.)	LNAPL							
				LNAPLT (ft.)	REMOVED (gallons)	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
<b>EA-2 (cont)</b>											
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>9</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
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
03/18/08 <sup>12</sup>	76.24	61.08	15.16	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5

**GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS  
FORMER CHEVRON STATION #9-1026  
3701 BROADWAY  
OAKLAND, CALIFORNIA**

WELL ID/ DATE	TOC* (ft.)	GWE (ft-amsl)	DTW (ft.)	LNAPL							
				LNAPLT (ft.)	REMOVED (gallons)	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
<b>EA-2 (cont)</b>											
03/03/09	76.24	INACCESSIBLE		--	--	--	--	--	--	--	--
03/31/10 <sup>12</sup>	76.24	54.80	21.44	0.00	0.00	65 J	<0.5	<0.5	<0.5	<0.5	<0.5
<b>03/21/11</b>	<b>76.24</b>	<b>INACCESSIBLE</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	--	--	9,000	570	3.1	86	170	--
03/27/91	75.28	--	--	--	--	8,000	660	<5.0	110	250	--
04/05/91	75.28	62.06	13.22	--	--	--	--	--	--	--	--
06/19/91	75.28	59.91	15.37	--	--	8,900	740	<3.0	120	280	--
08/21/91	75.28	59.29	15.99	--	--	6,800	620	23	85	200	--
11/08/91	75.28	59.13	16.15	--	--	4,000	640	<5.0	77	160	--
02/13/92	75.28	60.70	14.58	--	--	8,000	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	1,500	83	360	530	--
03/19/93	75.29	63.13	12.16	--	--	14,000	820	6.1	180	420	--

**GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS  
FORMER CHEVRON STATION #9-1026  
3701 BROADWAY  
OAKLAND, CALIFORNIA**

WELL ID/ DATE	TOC* (ft.)	GWE (ft-amsl)	DTW (ft.)	LNAPL							MTBE (µg/L)
				LNAPLT (ft.)	REMOVED (gallons)	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	
<b>A (cont)</b>											
06/10/93	75.29	61.04	14.25	--	--	9,000	700	13	170	310	--
09/08/93	75.29	--	--	--	--	--	--	--	--	--	--
12/21/93	75.29	--	--	--	--	--	--	--	--	--	--
03/09/94	75.29	61.95	13.34	--	--	9,600	860	21	200	390	--
09/21/94	75.29	INACCESSIBLE		--	--	--	--	--	--	--	--
12/20/94	75.29	INACCESSIBLE		--	--	--	--	--	--	--	--
03/28/95	75.29	INACCESSIBLE		--	--	--	--	--	--	--	--
06/22/95	75.29	INACCESSIBLE		--	--	--	--	--	--	--	--
09/21/95	75.29	INACCESSIBLE		--	--	--	--	--	--	--	--
03/22/96	75.29	INACCESSIBLE		--	--	--	--	--	--	--	--
09/25/96	75.29	INACCESSIBLE		--	--	--	--	--	--	--	--
03/06/97	75.29	INACCESSIBLE		--	--	--	--	--	--	--	--
09/12/97	75.29	60.73	14.56	--	--	2,600	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						--	--	--	--



**GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS  
FORMER CHEVRON STATION #9-1026  
3701 BROADWAY  
OAKLAND, CALIFORNIA**

WELL ID/ DATE	TOC* (ft.)	GWE (ft-amsl)	DTW (ft.)	LNAPL							
				LNAPLT (ft.)	REMOVED (gallons)	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
<b>A (cont)</b>											
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	7,100	370	430	1,000	--
08/21/91	73.39	57.81	15.58	--	--	16,000	4,900	270	390	640	--

**GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS  
FORMER CHEVRON STATION #9-1026  
3701 BROADWAY  
OAKLAND, CALIFORNIA**

WELL ID/ DATE	TOC* (ft.)	GWE (ft-amsl)	DTW (ft.)	LNAPL							
				LNAPLT (ft.)	REMOVED (gallons)	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
<b>B (cont)</b>											
11/08/91	73.39	57.68	15.71	--	--	11,000	2,400	48	280	160	--
02/13/92	73.39	58.73	14.66	--	--	6,800	2,400	60	220	140	--
05/01/92	73.39	58.89	14.50	Sheen	--	16,000	6,000	180	370	460	--
11/18/92	73.39	57.79	15.60	--	--	28,000	2,200	150	920	4,300	--
03/19/93	73.39	60.12**	13.29	0.03	--	--	--	--	--	--	--
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	--	--	--	--	--	--

**GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS  
FORMER CHEVRON STATION #9-1026  
3701 BROADWAY  
OAKLAND, CALIFORNIA**

WELL ID/ DATE	TOC* (ft.)	GWE (ft-amsl)	DTW (ft.)	LNAPL							
				LNAPLT (ft.)	REMOVED (gallons)	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
<b>B (cont)</b>											
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 LNAPL					--
03/22/01	73.39	60.52**	13.26	0.49	0.26 <sup>5</sup>	NOT SAMPLED DUE TO THE PRESENCE OF LNAPL					--
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 LNAPL					--
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>	--	--	--	--	--	--
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 LNAPL					--
10/21/02 <sup>8</sup>	73.39	58.50**	15.21	0.40	0.33 <sup>5</sup>	--	--	--	--	--	--

**GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS  
FORMER CHEVRON STATION #9-1026  
3701 BROADWAY  
OAKLAND, CALIFORNIA**

WELL ID/ DATE	TOC* (ft.)	GWE (ft-amsl)	DTW (ft.)	LNAPL							
				LNAPLT (ft.)	REMOVED (gallons)	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
<b>B (cont)</b>											
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 LNAPL					--
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 LNAPL					--
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 LNAPL					--
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>	--	--	--	--	--	--

**GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS  
FORMER CHEVRON STATION #9-1026  
3701 BROADWAY  
OAKLAND, CALIFORNIA**

WELL ID/ DATE	TOC* (ft.)	GWE (ft-amsl)	DTW (ft.)	LNAPL							
				LNAPLT (ft.)	REMOVED (gallons)	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
<b>B (cont)</b>											
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 LNAPL					--
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 LNAPL					--
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>	--	--	--	--	--	--
09/26/05	73.39	58.98**	14.43	0.02	1.02 <sup>5</sup>	NOT SAMPLED DUE TO THE PRESENCE OF LNAPL					--
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 LNAPL					--
04/14/06	73.39	61.38**	12.02	0.01	1.00 <sup>14</sup>	--	--	--	--	--	--

**GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS  
FORMER CHEVRON STATION #9-1026  
3701 BROADWAY  
OAKLAND, CALIFORNIA**

WELL ID/ DATE	TOC* (ft.)	GWE (ft-amsl)	DTW (ft.)	LNAPL							
				LNAPLT (ft.)	REMOVED (gallons)	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
<b>B (cont)</b>											
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	2,300	260	81	740	--
08/09/89	71.77	57.68	14.09	--	--	12,000	2,600	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	--	--	5,500	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	2,400	610	300	1,800	--
11/08/91	71.77	57.72	14.05	--	--	540,000	3,600	1,500	1,900	5,900	--
02/13/92	71.77	59.09	12.68	--	--	20,000	500	100	150	920	--
05/01/92	71.77	58.85	12.92	Sheen	--	27,000	2,800	200	310	1,900	--
11/18/92	72.30	58.00	14.30	--	--	300	9.7	3.4	2.3	21	--



**GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS  
FORMER CHEVRON STATION #9-1026  
3701 BROADWAY  
OAKLAND, CALIFORNIA**

WELL ID/ DATE	TOC* (ft.)	GWE (ft-amsl)	DTW (ft.)	LNAPL							
				LNAPLT (ft.)	REMOVED (gallons)	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
<b>B-1 (cont)</b>											
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	--	--	1,300	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	--	--	1,600	520	9.9	8.9	34	--
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>6</sup>	181	7.94	20.4	17.4	56.9

**GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS  
FORMER CHEVRON STATION #9-1026  
3701 BROADWAY  
OAKLAND, CALIFORNIA**

WELL ID/ DATE	TOC* (ft.)	GWE (ft-amsl)	DTW (ft.)	LNAPL							
				LNAPLT (ft.)	REMOVED (gallons)	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
<b>B-1 (cont)</b>											
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>9</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	8,400	2,300	12,000	--
08/09/89	74.51	58.45	16.06	--	--	60,000	29,000	8,700	2,400	12,000	--
11/09/89	74.51	57.56	16.95	--	--	110,000	32,000	5,500	2,800	12,000	--
02/08/90	74.51	58.95	15.56	--	--	67,000	28,000	5,900	2,300	11,000	--
05/10/90	74.51	58.57	15.94	--	--	69,000	24,000	4,800	2,000	11,000	--
08/09/90	74.51	58.54	15.97	--	--	100,000	33,000	4,000	2,100	12,000	--

**GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS  
FORMER CHEVRON STATION #9-1026  
3701 BROADWAY  
OAKLAND, CALIFORNIA**

WELL ID/ DATE	TOC* (ft.)	GWE (ft-amsl)	DTW (ft.)	LNAPL							
				LNAPLT (ft.)	REMOVED (gallons)	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
<b>B-2 (cont)</b>											
11/13/90	74.51	57.81	16.70	--	--	110,000	33,000	4,300	2,900	13,000	--
03/27/91	74.51	--	--	--	--	160,000	26,000	3,200	2,600	15,000	--
04/05/91	74.51	60.31	14.20	--	--	--	--	--	--	--	--
06/19/91	74.51	58.68	15.83	--	--	100,000	22,000	2,500	2,000	11,000	--
08/21/91	74.51	58.20	16.31	--	--	80,000	28,000	2,800	2,400	12,000	--
11/08/91	74.51	57.91	16.60	--	--	94,000	29,000	1,900	2,200	11,000	--
02/13/92	74.51	58.58	15.93	--	--	280,000	34,000	2,500	4,600	23,000	--
05/01/92	74.51	59.57	14.94	Sheen	--	29,000	1,700	300	1,100	4,300	--
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	1,200	2,200	12,000	--
06/10/93	74.52	59.64	14.88	--	--	140,000	15,000	930	1,900	8,800	--
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	9,100	71,000	--
03/09/94	74.52	59.99	14.53	Sheen	--	110,000	23,000	920	1,300	7,800	--
9/21/945	74.52	INACCESSIBLE		--	--	--	--	--	--	--	--
12/20/94	74.52	59.86	14.65	--	--	70,000	25,000	710	920	5,300	--
03/28/95	74.52	62.22	12.30	--	--	76,000	20,000	920	1,200	5,200	--
06/22/95	74.52	60.30	14.22	--	--	89,000	21,000	38,000	1,500	6,800	--
09/21/95	74.52	58.72	15.80	--	--	84,000	24,000	2,900	1,800	9,800	--
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	--	--	--	--	--	--

**GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS  
FORMER CHEVRON STATION #9-1026  
3701 BROADWAY  
OAKLAND, CALIFORNIA**

WELL ID/ DATE	TOC* (ft.)	GWE (ft-amsl)	DTW (ft.)	LNAPL							
				LNAPLT (ft.)	REMOVED (gallons)	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
<b>B-2 (cont)</b>											
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 LNAPL					--
03/22/01	74.52	60.99**	13.77	0.30	0.07 <sup>5</sup>	NOT SAMPLED DUE TO THE PRESENCE OF LNAPL					--
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 LNAPL					--
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	--	--	--	--	--	--
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
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>	--	--	--	--	--	--

**GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS  
FORMER CHEVRON STATION #9-1026  
3701 BROADWAY  
OAKLAND, CALIFORNIA**

WELL ID/ DATE	TOC* (ft.)	GWE (ft-amsl)	DTW (ft.)	LNAPL							
				LNAPLT (ft.)	REMOVED (gallons)	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
<b>B-2 (cont)</b>											
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
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
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
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

**GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS  
FORMER CHEVRON STATION #9-1026  
3701 BROADWAY  
OAKLAND, CALIFORNIA**

WELL ID/ DATE	TOC* (ft.)	GWE (ft-amsl)	DTW (ft.)	LNAPL							
				LNAPLT (ft.)	REMOVED (gallons)	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
<b>B-2 (cont)</b>											
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
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	--	--	--	--	--	--
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	--	--	--	--	--	--

**GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS  
FORMER CHEVRON STATION #9-1026  
3701 BROADWAY  
OAKLAND, CALIFORNIA**

WELL ID/ DATE	TOC* (ft.)	GWE (ft-amsl)	DTW (ft.)	LNAPL								
				LNAPLT (ft.)	REMOVED (gallons)	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	
<b>B-2 (cont)</b>												
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	9,500	400	8,900	--	
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	9,000	2,200	16,000	--	
08/21/91	74.12	58.51	15.61	--	--	70,000	28,000	11,000	1,800	11,000	--	
11/08/91	74.12	58.35	15.77	--	--	150,000	29,000	9,700	2,200	13,000	--	

**GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS  
FORMER CHEVRON STATION #9-1026  
3701 BROADWAY  
OAKLAND, CALIFORNIA**

WELL ID/ DATE	TOC* (ft.)	GWE (ft-amsl)	DTW (ft.)	LNAPL							
				LNAPLT (ft.)	REMOVED (gallons)	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
<b>B-3 (cont)</b>											
02/13/92	74.12	59.24	14.88	--	--	100,000	27,000	9,906	2,000	11,000	--
05/01/92	74.12	59.93**	14.20	0.01	--	--	--	--	--	--	--
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	8,900	59,000	--
03/09/94	74.13	60.60	13.53	--	--	130,000	11,000	20,000	1,700	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	2,500	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	--	--	--	--	--	--



**GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS  
FORMER CHEVRON STATION #9-1026  
3701 BROADWAY  
OAKLAND, CALIFORNIA**

WELL ID/ DATE	TOC* (ft.)	GWE (ft-amsl)	DTW (ft.)	LNAPL							
				LNAPLT (ft.)	REMOVED (gallons)	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
<b>B-3 (cont)</b>											
03/14/00	74.13	63.15	10.98	--	--	177,000	15,000	22,000	2,910	17,000	<1,250
08/28/00	74.13	59.74**	14.41	0.02	0.26 <sup>5</sup>	NOT SAMPLED DUE TO THE PRESENCE OF LNAPL					--
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											
<b>B-4</b>											
05/09/89	76.43	61.50	14.93	--	--	3,600	840	34	120	200	--
08/09/89	76.43	59.78	16.65	--	--	<500	4,200	130	370	260	--
11/09/89	76.43	--	--	--	--	5,000	4,200	83	400	250	--
02/08/90	76.43	59.44	16.99	--	--	14,000	6,000	70	530	300	--
05/10/90	76.43	60.38	16.05	--	--	12,000	5,400	130	460	320	--

**GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS  
FORMER CHEVRON STATION #9-1026  
3701 BROADWAY  
OAKLAND, CALIFORNIA**

WELL ID/ DATE	TOC* (ft.)	GWE (ft-amsl)	DTW (ft.)	LNAPL							
				LNAPLT (ft.)	REMOVED (gallons)	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
<b>B-4 (cont)</b>											
08/09/90	76.43	59.94	16.49	--	--	16,000	7,400	120	530	350	--
11/13/90	76.43	59.79	16.64	--	--	21,000	7,000	100	550	320	--
03/27/91	76.43	59.01	17.42	--	--	17,000	8,500	120	500	300	--
04/05/91	76.43	61.77	14.66	--	--	14,000	7,700	75	610	210	--
06/19/91	76.43	59.95	16.48	--	--	16,000	7,800	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	6,800	98	500	620	--
02/13/92	76.43	60.01	16.42	--	--	15,000	9,100	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	1,100	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	1,000	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	8,400	97	640	530	--
03/28/95	76.43	65.10	11.33	--	--	27,000	9,900	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

**GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS  
FORMER CHEVRON STATION #9-1026  
3701 BROADWAY  
OAKLAND, CALIFORNIA**

WELL ID/ DATE	TOC* (ft.)	GWE (ft-amsl)	DTW (ft.)	LNAPL							
				LNAPLT (ft.)	REMOVED (gallons)	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
<b>B-4 (cont)</b>											
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	--	--	7,600	8,100	65	520	38	300
04/02/98	76.43	64.58	11.85	--	--	28,000 <sup>2</sup>	9,700	59	760	220	<250
09/15/98	76.43	61.08	15.35	--	--	25,000	12,000	200	900	<200	<1,000
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	--	--	8,610	9,500	32.1	1,160	88.2	260
03/14/00	76.43	65.86	10.57	--	--	29,100	11,000	223	1,010	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
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

**GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS  
FORMER CHEVRON STATION #9-1026  
3701 BROADWAY  
OAKLAND, CALIFORNIA**

WELL ID/ DATE	TOC* (ft.)	GWE (ft-amsl)	DTW (ft.)	LNAPL							
				LNAPLT (ft.)	REMOVED (gallons)	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
<b>B-6</b>											
05/09/89	72.66	60.55	12.11	--	--	26,000	120	110	250	1,300	--
08/09/89	72.66	57.94	14.72	--	--	19,000	470	150	440	1,400	--
11/09/89	72.66	58.81	13.85	--	--	13,000	70	36	36	440	--
02/08/90	72.66	64.93	7.73	--	--	2,900	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	2,000	20,000	--
08/09/89	75.40	59.04	16.36	--	--	672,000	87,000	17,000	2,700	30,000	--
11/09/89	75.40	58.76	16.64	--	--	150,000	7,000	12,000	1,800	16,000	--
02/08/90	75.40	59.71	15.69	--	--	41,000	2,500	6,900	1,100	11,000	--
05/10/90	75.40	--	--	--	--	--	--	--	--	--	--
08/09/90	75.40	59.09	16.31	--	--	50,000	1,100	3,900	640	7,200	--
11/13/90	75.40	58.31	17.09	--	--	--	--	--	--	--	--
04/05/91	75.40	61.04	14.36	--	--	--	--	--	--	--	--
ABANDONED											

**GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS  
FORMER CHEVRON STATION #9-1026  
3701 BROADWAY  
OAKLAND, CALIFORNIA**

WELL ID/ DATE	TOC* (ft.)	GWE (ft-amsl)	DTW (ft.)	LNAPL							
				LNAPLT (ft.)	REMOVED (gallons)	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
<b>TRIP BLANK</b>											
05/09/89	--	--	--	--	--	<500	<0.5	<0.5	<0.5	<0.5	--
08/09/89	--	--	--	--	--	<500	<0.5	<0.5	<0.5	<0.5	--
11/09/89	--	--	--	--	--	<500	<0.5	<0.5	<0.5	<0.5	--
02/08/90	--	--	--	--	--	<50	<0.3	<0.3	<0.3	<0.6	--
05/10/90	--	--	--	--	--	<50	<0.3	<0.3	<0.3	<0.6	--
08/09/90	--	--	--	--	--	<50	<0.3	<0.3	<0.3	<0.6	--
11/13/90	--	--	--	--	--	<50	<0.4	<0.3	<0.3	<0.4	--
03/27/91	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/19/91	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
08/21/91	--	--	--	--	--	<50	<0.4	<0.3	<0.3	<0.4	--
11/08/91	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
02/13/92	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
05/01/92	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
11/18/92	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/19/93	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--
06/10/93	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--
09/08/93	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--
12/21/93	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/09/94	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/21/94	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/20/94	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--

**GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS  
FORMER CHEVRON STATION #9-1026  
3701 BROADWAY  
OAKLAND, CALIFORNIA**

WELL ID/ DATE	TOC* (ft.)	GWE (ft-amsl)	DTW (ft.)	LNAPL							
				LNAPLT (ft.)	REMOVED (gallons)	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
<b>TRIP BLANK (cont)</b>											
03/28/95	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/22/95	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/21/95	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/22/96	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
09/25/96	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
03/06/97	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
09/12/97	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/02/98	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/15/98	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<10
03/09/99	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/29/99	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/14/00	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
08/28/00	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
03/22/01	--	--	--	--	--	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50
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

**GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS  
FORMER CHEVRON STATION #9-1026  
3701 BROADWAY  
OAKLAND, CALIFORNIA**

WELL ID/ DATE	TOC* (ft.)	GWE (ft-amsl)	DTW (ft.)	LNAPL							
				LNAPLT (ft.)	REMOVED (gallons)	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
<b>QA (cont)</b>											
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
03/18/08 <sup>12</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/03/09 <sup>12</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/31/10 <sup>12</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/21/11 <sup>12</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5

**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

(ft.) = Feet

GWE = Groundwater Elevation

(msl) = Mean sea level

DTW = Depth to Water

LNAPLT = Light Non-Aqueous Phase Liquid Thickness

\* TOC elevation referenced to msl.

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

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

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

TPHg = Total Petroleum Hydrocarbons as Gasoline

B = Benzene

T = Toluene

E = Ethylbenzene

X = Xylenes

MTBE = Methyl Tertiary Butyl Ether

(µg/L) = Micrograms per liter

-- = Not Measured/Not Analyzed

ND = Not Detected

QA = Quality Assurance/Trip Blank

**GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS  
FORMER CHEVRON STATION #9-1026  
3701 BROADWAY  
OAKLAND, CALIFORNIA**

WELL ID/ DATE	TOC* (ft.)	GWE (ft-amsl)	DTW (ft.)	LNAPLT (ft.)	LNAPL							
					REMOVED (gallons)	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												



ATTACHMENT A

MONITORING DATA PACKAGE



March 23, 2011

Chevron Environmental Management Company  
Dave Patten  
6111 Bollinger Canyon Rd.  
San Ramon, CA 94583

First Quarter 2011 Monitoring at  
Chevron Service Station 91026  
3701 Broadway  
Oakland, CA

Monitoring performed on March 21, 2011

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**Blaine Tech Services, Inc. Groundwater Monitoring Event 110321-JO2**

This submission covers the routine monitoring of groundwater wells conducted on March 21, 2011 at this location. Three monitoring wells were measured for depth to groundwater (DTW). Three monitoring wells were sampled. Well EW-2 was unable to be accessed due to conflicting traffic control and construction in the area. All sampling activities were performed in accordance with local, state and federal guidelines.

Water levels measurements were collected using an electronic slope indicator. All sampled wells were purged of three case volumes, depending on well recovery, or until water temperature, pH and conductivity stabilized. Purging was accomplished using electric submersible pumps, positive air-displacement pumps or stainless steel, Teflon or disposable bailers. Subsequent sample collection and sample handling was performed in accordance with EPA protocols using disposable bailers. Alternately, where applicable, wells were sampled utilizing no-purge methodology. All reused equipment was decontaminated in an integrated stainless steel sink with de-ionized water supplied Hotsy pressure washer and Liquinox or equivalent.

First Quarter Groundwater Monitoring at Chevron 91026, 3701 Broadway, Oakland, CA

SAN JOSE

SACRAMENTO

LOS ANGELES

SAN DIEGO

1680 ROGERS AVENUE

SAN JOSE, CA 95112-1105

(408) 573-0555

FAX (408) 573-7771

LIC. 746684

[www.blainetech.com](http://www.blainetech.com)

Samples were delivered under chain-of-custody to Lancaster Laboratories of Lancaster, Pennsylvania, for analysis. Monitoring well purgewater and equipment rinsate water was collected and transported under bill-of-lading to IWM facilities of San Jose, California.

Enclosed documentation from this event includes copies of the Well Gauging Sheet, Well Monitoring Data Sheets, and Chain-of-Custody.

Blaine Tech Services, Inc.'s activities at this site consisted of objective data and sample collection only. No interpretation of analytical results, defining of hydrogeologic conditions or formulation of recommendations was performed.

Please call if you have any questions.

Sincerely,



Dustin Becker  
Blaine Tech Services, Inc.  
Senior Project Manager

attachments: SOP  
Well Gauging Sheet  
Individual Well Monitoring Data Sheets  
Chain of Custody  
Wellhead Inspection Form  
Bill of Lading  
Calibration Log

cc: CRA  
Attn: Nathan Lee  
5900 Hollis St. Suite A  
Emeryville, CA 94608

First Quarter Groundwater Monitoring at Chevron 91026, 3701 Broadway, Oakland, CA

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# BLAINE TECH SERVICES, INC. METHODS AND PROCEDURES FOR THE ROUTINE MONITORING OF GROUNDWATER WELLS AT CHEVRON SITES

Blaine Tech Services, Inc. performs environmental sampling and documentation as an independent third party. We specialize in groundwater monitoring assignments and intentionally limit the scope of our services to those centered on the generation of objective information.

To avoid conflicts of interest, Blaine Tech Services, Inc. personnel do not evaluate or interpret the information we collect. As a state licensed contractor (C-57 well drilling –water – 746684) performing strictly technical services, we do not make any professional recommendations and perform no consulting of any kind.

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## SAMPLING PROCEDURES OVERVIEW

### SAFETY

All groundwater monitoring assignments performed for Chevron comply with Chevron's safety guidelines, 29 CFR 1910.120 and SB-198 Injury and Illness Prevention Program (IIPP). All Field Technicians receive the full 40-hour 29CFR 1910.120 OSHA SARA HAZWOPER course, medical clearance and on-the-job training prior to commencing any work on any Chevron site.

### INSPECTION AND GAUGING

Wells are inspected prior to evacuation and sampling. The condition of the wellhead is checked and noted according to a wellhead inspection checklist.

Standard measurements include the depth to water (DTW) and the total well depth (TD) obtained with industry standard electronic water level indicators that are graduated in increments of hundredths of a foot.

The water in each well is inspected for the presence of immiscibles. When free product is suspected, its presence is confirmed using an electronic interface probe (e.g. GeoTech). No samples are collected from a well containing over two-hundredths of a foot (0.02') of product.

### EVACUATION

Depth to water measurements are collected by our personnel prior to purging and minimum purge volumes are calculated anew for each well based on the height of the water column and the diameter of the well. Expected purge volumes are never less than three case volumes and are set at no less than four case volumes in some jurisdictions.

Well purging devices are selected on the basis of the well diameter and the total volume to be

evacuated. In most cases the well will be purged using an electric submersible pump (i.e. Grundfos) suspended near (but not touching) the bottom of the well.

## PARAMETER STABILIZATION

Well purging completion standards include minimum purge volumes, but additionally require stabilization of specific groundwater parameters prior to sample collection. Typical groundwater parameters used to measure stability are electrical conductivity, pH, and temperature. Instrument readings are obtained at regular intervals during the evacuation process (no less than once per case volume).

Stabilization standards for routine quarterly monitoring of fuel sites include the following: Temperature is considered to have stabilized when successive readings do not fluctuate more than +/- 1 degree Celsius. Electrical conductivity is considered stable when successive readings are within 10%. pH is considered to be stable when successive readings remain constant or vary no more than 0.2 of a pH unit.

## DEWATERED WELLS

Normal evacuation removes no less than three case volumes of water from the well. However, less water may be removed in cases where the well dewateres and does not immediately recharge.

## MEASURING RECHARGE

Upon completion of well purging, a depth to water measurement is collected and notated to ensure that the well has recharged to within 80% of its static, pre-purge level prior to sampling.

Wells that do not immediately show 80% recharge or dewatered wells will be allowed approximately 2 hours to recharge prior to sampling or will be sampled at site departure. All wells requiring off-site traffic control in the public right-of-way, the 80% recharge rule may be disregarded in the interests of Health and Safety. The sample may be collected as soon as there is sufficient water. The water level at time of sampling will be noted.

## PURGEWATER CONTAINMENT

All non-hazardous purgewater evacuated from each groundwater monitoring well is captured and contained in on-board storage tanks on the Sampling Vehicle and/or special water hauling trailers. Effluent from the decontamination of reusable apparatus (sounders, electric pumps and hoses etc.), consisting of groundwater combined with deionized water and non-phosphate soap, is also captured and pumped into effluent tanks.

Non-hazardous purgewater is transported under standard Bill of Lading documentation to a Blaine Tech Services, Inc. facility before being transported to a Chevron approved disposal facility.

## SAMPLE COLLECTION DEVICES

All samples are collected using disposable bailers.

## SAMPLE CONTAINERS

Sample material is decanted directly from the sampling bailer into sample containers provided by the laboratory that will analyze the samples. The transfer of sample material from the bailer to the sample container conforms to specifications contained in the USEPA T.E.G.D. The type of sample container, material of construction, method of closure and filling requirements are specific to the intended analysis. Chemicals needed to preserve the sample material are commonly placed inside the sample containers by the laboratory or glassware vendor prior to delivery of the bottle to our personnel. The laboratory sets the number of replicate containers.

## TRIP BLANKS

Trip Blanks, if requested, are taken to the site and kept inside the sample cooler for the duration of the event. They are turned over to the laboratory for analysis with the samples from that site.

## DUPLICATES

Duplicates, if requested, may be collected at a site. The Duplicate sample is collected, typically from the well containing the most measurable contaminants. The Duplicate sample is labeled the same as the original.

## SAMPLE STORAGE

All sample containers are promptly placed in food grade ice chests for storage in the field and transport (direct or via our facility) to the designated analytical laboratory. These ice chests contain quantities of restaurant grade ice as a refrigerant material. The samples are maintained in either an ice chest or a refrigerator until relinquished into the custody of the laboratory or laboratory courier.

## DOCUMENTATION CONVENTIONS

A label must be affixed to all sample containers. In most cases these labels are generated by our office personnel and are partially preprinted. Labels can also be hand written by our field personnel. The site is identified with the store number and site address, as is the particular groundwater well from which the sample is drawn (e.g. MW-1, MW-2, S-1 etc.). The time and date of sample collection along with the initials of the person who collects the sample are handwritten onto the label.

Chain of Custody records are created using client specific preprinted forms following USEPA specifications.

Bill of Lading records are contemporaneous records created in the field at the site where the non-hazardous purgewater is generated. Field Technicians use preprinted Bill of Lading forms.

## DECONTAMINATION

All equipment is brought to the site in clean and serviceable condition and is cleaned after use in each well and before subsequent use in any other well. Equipment is decontaminated before leaving the site.

The primary decontamination device is a commercial steam cleaner. The steam cleaner is de-tuned to function as a hot pressure washer that is then operated with high quality deionized water that is produced at our facility and stored onboard our sampling vehicle. Cleaning is facilitated by the use of proprietary fixtures and devices included in the patented workstation (U.S. Patent 5,535,775) that is incorporated in each sampling vehicle. The steam cleaner is used to decon reels, pumps and bailers.

Any sensitive equipment or parts (i.e. Dissolved Oxygen sensor membrane, water level indicator, etc.) that cannot be washed using the high pressure water, will be sprayed with a non-phosphate soap and deionized water solution and rinsed with deionized water.

## DISSOLVED OXYGEN READINGS

Dissolved Oxygen readings are taken pre- and/or post-purge using YSI meters (e.g. YSI Model 550) or HACH field test kits.

The YSI meters are able to collect accurate in-situ readings. The probe allows downhole measurements to be taken from wells with diameters as small as two inches. The probe and reel is decontaminated between wells as described above. The meter is calibrated between wells as per the instructions in the operating manual. The probe is lowered into the water column and the reading is allowed to stabilize prior to collection.

## OXYIDATON REDUCTION POTENTIAL READINGS

All readings are obtained with either Corning or Myron-L meters (e.g. Corning ORP-65 or a Myron-L Ultrameter GP). The meter is cleaned between wells as described above. The meter is calibrated at the start of each day according to the instruction manual.

## FERROUS IRON MEASUREMENTS

All field measurements are collected at time of sampling with a HACH test kit.

# WELL GAUGING DATA

Project # 110321-002      Date 3-21-11      Client CHEVRON

Site 3701 Broadway, Oakland

Well ID	Time	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC	Notes
E	1315	2					13.90	32.39	↓	
F	1225	2				16.90	29.01			
EA-1	1200	4				18.70	27.45			
EA-2	_____		UNABLE TO ACCESS			_____				



# CHEMICAL WELL MONITORING DATA SHEET

Project #: 110321-102	Station #: a-1026
Sampler: JD	Date: 3-21-11
Weather: Sunny	Ambient Air Temperature: 68°F
Well I.D.: E	Well Diameter: (2) 3 4 6 8
Total Well Depth: 32.39	Depth to Water: 13.90
Depth to Free Product: —	Thickness of Free Product (feet): —
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 17.60	

Purge Method:

- Bailer
- Disposable Bailer
- Positive Air Displacement
- Electric Submersible
- Waterra
- Peristaltic
- Extraction Pump
- Other \_\_\_\_\_

Sampling Method:

- Bailer
- Disposable Bailer
- Extraction Port
- Dedicated Tubing
- Other: \_\_\_\_\_

2.9	(Gals.) X	3	=	8.7	Gals.
1 Case Volume		Specified Volumes		Calculated Volume	

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius <sup>2</sup> * 0.163

Time	Temp (°F)	pH	Cond. (mS or <u>µS</u> )	Turbidity (NTUs)	Gals. Removed	Observations
1320	62.8	6.91	1050	>1000	2.9	
1324	63.7	6.63	1055	>1000	5.8	
1330	63.7	6.61	1058	>1000	8.7	

Did well dewater? Yes  No  Gallons actually evacuated: 8.7

Sampling Date: 3-21-11 Sampling Time: 1310 Depth to Water: 15.12

Sample I.D.: E Laboratory: Lancaster Other \_\_\_\_\_

Analyzed for: TPH-G BTEX MTBE OXYS Other: See CW

Duplicate I.D.: Analyzed for: TPH-G BTEX MTBE OXYS Other:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
	O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:

# CHEMICAL WELL MONITORING DATA SHEET

Project #: 110321-102	Station #: 9-1026
Sampler: 10	Date: 3-21-11
Weather: Sunny	Ambient Air Temperature: 69°F
Well I.D.: F	Well Diameter: (2) 3 4 6 8
Total Well Depth: 29.01	Depth to Water: 16.90
Depth to Free Product: —	Thickness of Free Product (feet): —
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 19.32	

Purge Method:  Bailer  Waterra  Disposable Bailer  Peristaltic  Extraction Pump  Other \_\_\_\_\_

Sampling Method:  Bailer  Disposable Bailer  Extraction Port  Dedicated Tubing  Other: \_\_\_\_\_

1.9 (Gals.) X 3 = 5.7 Gals.  
 Case Volume Specified Volumes Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius <sup>2</sup> * 0.163

Time	Temp (°F)	pH	Cond. (mS or μS)	Turbidity (NTUs)	Gals. Removed	Observations
1230	66.0	7.21	1263	1263 >1000	1.9	
1233	66.2	7.20	1259	>1000	3.8	
1236	66.1	7.18	1255	>1000	5.7	

Did well dewater? Yes  No  Gallons actually evacuated: 5.7

Sampling Date: 3-21-11 Sampling Time: 1240 Depth to Water: 19.30

Sample I.D.: F Laboratory: Lancaster Other \_\_\_\_\_

Analyzed for: TPH-G BTEX MTBE OXYS Other: See CW

Duplicate I.D.: Analyzed for: TPH-G BTEX MTBE OXYS Other: \_\_\_\_\_

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

# CHEVRON WELL MONITORING DATA SHEET

Project #: 110321-102	Station #: 9-1026
Sampler: JD	Date: 3-21-11
Weather: Overcast	Ambient Air Temperature: 68°F
Well I.D.: EA-1	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: 27.45	Depth to Water: 18.70
Depth to Free Product: —	Thickness of Free Product (feet): —
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 70.45	

Purge Method: Bailer      Waterra  
 Disposable Bailer      Peristaltic  
 Positive Air Displacement      Extraction Pump  
Electric Submersible      Other \_\_\_\_\_

Sampling Method: Bailer  
Disposable Bailer  
 Extraction Port  
 Dedicated Tubing  
 Other: \_\_\_\_\_

5.6 (Gals.) X 3 = 16.8 Gals.  
 1 Case Volume      Specified Volumes      Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius <sup>2</sup> * 0.163

Time	Temp (°F)	pH	Cond. (mS or <u>µS</u> )	Turbidity (NTUs)	Gals. Removed	Observations
1210	68.0	7.01	800	379	5.6	
1211	67.9	6.94	799	102	11.2	
1212	67.9	6.89	796	98	16.8	

Did well dewater?      Yes      No      Gallons actually evacuated: 16.8

Sampling Date: 3-21-11      Sampling Time: 1220      Depth to Water: 19.10

Sample I.D.: EA-1      Laboratory: Lancaster      Other \_\_\_\_\_

Analyzed for: TPH-G    BTEX    MTBE    OXYS    Other: See well

Duplicate I.D.:      Analyzed for: TPH-G    BTEX    MTBE    OXYS    Other:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
	O.R.P. (if req'd):	mV	Post-purge:	mV

# CHEVON WELL MONITORING DATA SHEET

Project #: 110321-102	Station #: 9-1026
Sampler: 10	Date: 3-21-11
Weather: _____	Ambient Air Temperature: _____
Well I.D.: EA-2	Well Diameter: 2 3 4 6 8 _____
Total Well Depth: _____	Depth to Water: _____
Depth to Free Product: _____	Thickness of Free Product (feet): _____
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]:	

Purge Method: Bailer      Waterra  
 Disposable Bailer      Peristaltic  
 Positive Air Displacement      Extraction Pump  
 Electric Submersible      Other \_\_\_\_\_

Sampling Method: Bailer  
Disposable Bailer  
 Extraction Port  
 Dedicated Tubing  
 Other: \_\_\_\_\_

\_\_\_\_\_ (Gals.) X 3 = \_\_\_\_\_ Gals.  
 1 Case Volume      Specified Volumes      Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius <sup>2</sup> * 0.163

Time	Temp (°F)	pH	Cond. (mS or <u>µS</u> )	Turbidity (NTUs)	Gals. Removed	Observations
Well	NOT	Accessed	due to	conflicting	traffic	control/construction

Did well dewater?      Yes      No      Gallons actually evacuated: \_\_\_\_\_

Sampling Date: 3-21-11      Sampling Time: \_\_\_\_\_      Depth to Water: \_\_\_\_\_

Sample I.D.: \_\_\_\_\_      Laboratory: Lancaster      Other: \_\_\_\_\_

Analyzed for: TPH-G    BTEX    MTBE    OXYS    Other: See CW

Duplicate I.D.: \_\_\_\_\_      Analyzed for: TPH-G    BTEX    MTBE    OXYS    Other: \_\_\_\_\_

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

**CHAIN OF CUSTODY FORM**  
**Chevron Environmental Management Company ■ 6111 Bollinger Canyon Rd. ■ San Ramon, CA 94583**

COC 1 of 1

Chevron Site Number: 91026  
 Chevron Site Global ID: T0600100334  
 Chevron Site Address: 3701 Broadway,  
Oakland, CA  
 Chevron PM: DAVE PATTEN  
 Chevron PM Phone No.: (925)543-1740  
 Retail and Terminal Business Unit (RTBU) Job  
 Construction/Retail Job

Chevron Consultant: CRA  
 Address: 5900 Hollis St. Suite A Emeryville,  
CA Consultant Contact: Nathan Lee  
 Consultant Phone No. 510-420-3333  
 Consultant Project No. 110321-02  
 Sampling Company: Blaine Tech Services  
 Sampled By (Print): J. Ortiz  
 Sampler Signature: [Signature]

**ANALYSES REQUIRED**

<input checked="" type="checkbox"/> H	<input checked="" type="checkbox"/> H	<input type="checkbox"/> OXYGENATES	<input type="checkbox"/> HVOC	<input type="checkbox"/> HC SCREEN	<input type="checkbox"/> DRO	<input checked="" type="checkbox"/> GRO	<input type="checkbox"/> DRO	<input type="checkbox"/> DRO	<input type="checkbox"/> HC SCREEN	<input type="checkbox"/> STLC	<input type="checkbox"/> ALKALINITY	<input type="checkbox"/> OIL & GREASE
<input type="checkbox"/> EPA 8260B/GC/MS	<input type="checkbox"/> EPA 8015B	<input type="checkbox"/> EPA 8021B	<input type="checkbox"/> EPA 6010 Ca, Fe, K, Mg, Mn, Na	<input type="checkbox"/> EPA 6010/7000 TITILE 22 METALS	<input type="checkbox"/> EPA 150.1 PH	<input type="checkbox"/> SM2510B SPECIFIC CONDUCTIVITY	<input type="checkbox"/> EPA 418.1 TRPH	<input type="checkbox"/> EPA 8260	<input type="checkbox"/> EPA 8015	<input type="checkbox"/> ETHANOL	<input type="checkbox"/> TPH-D	<input type="checkbox"/> PRESERVATION CODES

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

Charge Code: NWRTB-0091026-0-OML  
NWRTB 00SITE NUMBER-0- WBS  
**(WBS ELEMENTS:**  
 SITE ASSESSMENT: A1L REMEDIATION IMPLEMENTATION: R5L  
 SITE MONITORING: OML OPERATION MAINTENANCE & MONITORING: M1L  
**THIS IS A LEGAL DOCUMENT. ALL FIELDS MUST BE FILLED OUT CORRECTLY AND COMPLETELY.**

**Lancaster Laboratories**  
 Lancaster, PA  
 Lab Contact: Jill Parker  
 2425 New Holland Pike,  
 Lancaster, PA 17601  
 Phone No: (717)656-2300

Other Lab	Temp. Blank Check Time	Temp.
<u>[Signature]</u>	<u>1100</u>	<u>10</u>
	<u>1300</u>	<u>20</u>

Special Instructions  
 Must meet lowest detection limits possil for 8260 Compounds

SAMPLE ID				Sample Time	# of Containers	Container Type												
Field Point Name	Matrix	Top Depth	Date (yyymmdd)				EPA 8260B/GC/MS	TPH-G	BTEX	MTBE	GRO	DRO	HC SCREEN	STLC	ALKALINITY	CONDUCTIVITY	TRPH	ETHANOL
EA-1	W		110321	1220	6	VOCs	X	X										
E	↓			1340	↓	↓	X	X										
F	↓			1240	↓	↓	X	X										
QA	T			1120	2	↓	X	X										

Relinquished By <u>[Signature]</u>	Company <u>BIS</u>	Date/Time: <u>3-21-11 / 1550</u>	Relinquished To <u>[Signature]</u>	Company <u>BIS</u>	Date/Time <u>3-21-11 / 1550</u>
Relinquished By	Company	Date/Time	Relinquished To	Company	Date/Time
Relinquished By	Company	Date/Time	Relinquished To	Company	Date/Time

Turnaround Time:  
 Standard  24 Hours  48 hours  72 Hours  
 Hours  Other   
 Sample Integrity: (Check by lab on arrival)  
 Intact: \_\_\_\_\_ On Ice: \_\_\_\_\_ Temp: \_\_\_\_\_  
 COC # \_\_\_\_\_









ATTACHMENT B

LABORATORY ANALYTICAL REPORT

## ANALYTICAL RESULTS

Prepared by:

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

Prepared for:

Chevron  
6001 Bollinger Canyon Rd L4310  
San Ramon CA 94583

March 29, 2011

Project: 91026

Submittal Date: 03/23/2011  
Group Number: 1238572  
PO Number: 0015074399  
Release Number: PATTEN  
State of Sample Origin: CAClient Sample DescriptionEA-1-W-110321 NA Water  
E-W-110321 NA Water  
F-W-110321 NA Water  
QA-T-110321 NA WaterLancaster Labs (LLI) #6236819  
6236820  
6236821  
6236822

The specific methodologies used in obtaining the enclosed analytical results are indicated on the Laboratory Sample Analysis Record.

ELECTRONIC COPY TO	Chevron c/o CRA	Attn: Report Contact
ELECTRONIC COPY TO	Blaine Tech Services, Inc.	Attn: Dustin Becker
ELECTRONIC COPY TO	Chevron	Attn: Anna Avina
ELECTRONIC COPY TO	CRA	Attn: Nathan Lee
ELECTRONIC COPY TO	CRA	Attn: Ian Hull

Questions? Contact your Client Services Representative  
Jill M Parker at (717) 656-2300 Ext. 1241

Respectfully Submitted,



**Robin C. Runkle**  
**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

Sample Description: EA-1-W-110321 NA Water  
Facility# 91026 BTST  
3701 Broadway-Oakland T0600100334 EA-1

LLI Sample # WW 6236819  
LLI Group # 1238572  
Account # 10991

Project Name: 91026

Collected: 03/21/2011 12:20 by JO

Chevron

6001 Bollinger Canyon Rd L4310  
San Ramon CA 94583

Submitted: 03/23/2011 09:00

Reported: 03/29/2011 15:29

BROEA

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
<b>GC/MS Volatiles SW-846 8260B</b>			ug/l	ug/l	ug/l	
10943	Benzene	71-43-2	N.D.	0.5	1	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1	1
10943	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	1	1
10943	Toluene	108-88-3	N.D.	0.5	1	1
10943	Xylene (Total)	1330-20-7	N.D.	0.5	1	1
<b>GC Volatiles SW-846 8015B</b>			ug/l	ug/l	ug/l	
01728	TPH-GRO N. CA water C6-C12	n.a.	N.D.	50	100	1

### General Sample Comments

State of California Lab Certification No. 2501

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

### Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX/MTBE 8260 Water	SW-846 8260B	1	F110832AA	03/24/2011 09:34	Anita M Dale	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F110832AA	03/24/2011 09:34	Anita M Dale	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	11087A53A	03/28/2011 17:53	Laura M Krieger	1
01146	GC VOA Water Prep	SW-846 5030B	1	11087A53A	03/28/2011 17:53	Laura M Krieger	1

\*=This limit was used in the evaluation of the final result



# Analysis Report

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

**Sample Description: E-W-110321 NA Water**  
**Facility# 91026 BTST**  
**3701 Broadway-Oakland T0600100334 E**

**LLI Sample # WW 6236820**  
**LLI Group # 1238572**  
**Account # 10991**

**Project Name: 91026**

Collected: 03/21/2011 13:40 by JO

Chevron

6001 Bollinger Canyon Rd L4310  
San Ramon CA 94583

Submitted: 03/23/2011 09:00

Reported: 03/29/2011 15:29

BRO-E

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
<b>GC/MS Volatiles SW-846 8260B</b>						
10943	Benzene	71-43-2	N.D.	0.5	1	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1	1
10943	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	1	1
10943	Toluene	108-88-3	N.D.	0.5	1	1
10943	Xylene (Total)	1330-20-7	N.D.	0.5	1	1
<b>GC Volatiles SW-846 8015B</b>						
01728	TPH-GRO N. CA water C6-C12	n.a.	N.D.	50	100	1

### General Sample Comments

State of California Lab Certification No. 2501

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

### Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX/MTBE 8260 Water	SW-846 8260B	1	F110832AA	03/24/2011 09:56	Anita M Dale	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F110832AA	03/24/2011 09:56	Anita M Dale	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	11087A53A	03/28/2011 18:20	Laura M Krieger	1
01146	GC VOA Water Prep	SW-846 5030B	1	11087A53A	03/28/2011 18:20	Laura M Krieger	1

\*=This limit was used in the evaluation of the final result



# Analysis Report

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

**Sample Description: F-W-110321 NA Water**  
**Facility# 91026 BTST**  
**3701 Broadway-Oakland T0600100334 F**

**LLI Sample # WW 6236821**  
**LLI Group # 1238572**  
**Account # 10991**

**Project Name: 91026**

Collected: 03/21/2011 12:40 by JO

Chevron

6001 Bollinger Canyon Rd L4310  
San Ramon CA 94583

Submitted: 03/23/2011 09:00

Reported: 03/29/2011 15:29

BRO-F

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
<b>GC/MS Volatiles SW-846 8260B</b>						
10943	Benzene	71-43-2	N.D.	0.5	1	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1	1
10943	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	1	1
10943	Toluene	108-88-3	N.D.	0.5	1	1
10943	Xylene (Total)	1330-20-7	N.D.	0.5	1	1
<b>GC Volatiles SW-846 8015B</b>						
01728	TPH-GRO N. CA water C6-C12	n.a.	N.D.	50	100	1

### General Sample Comments

State of California Lab Certification No. 2501

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

### Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX/MTBE 8260 Water	SW-846 8260B	1	F110832AA	03/24/2011 10:18	Anita M Dale	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F110832AA	03/24/2011 10:18	Anita M Dale	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	11087A53A	03/28/2011 18:47	Laura M Krieger	1
01146	GC VOA Water Prep	SW-846 5030B	1	11087A53A	03/28/2011 18:47	Laura M Krieger	1

\*=This limit was used in the evaluation of the final result



# Analysis Report

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

**Sample Description:** QA-T-110321 NA Water  
Facility# 91026 BTST  
3701 Broadway-Oakland T0600100334 QA

LLI Sample # WW 6236822  
LLI Group # 1238572  
Account # 10991

**Project Name:** 91026

Collected: 03/21/2011 11:20

Chevron

Submitted: 03/23/2011 09:00

6001 Bollinger Canyon Rd L4310

Reported: 03/29/2011 15:29

San Ramon CA 94583

BROQA

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
<b>GC/MS Volatiles SW-846 8260B</b>						
10943	Benzene	71-43-2	N.D.	0.5	1	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1	1
10943	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	1	1
10943	Toluene	108-88-3	N.D.	0.5	1	1
10943	Xylene (Total)	1330-20-7	N.D.	0.5	1	1
<b>GC Volatiles SW-846 8015B</b>						
01728	TPH-GRO N. CA water C6-C12	n.a.	N.D.	50	100	1

### General Sample Comments

State of California Lab Certification No. 2501

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

### Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX/MTBE 8260 Water	SW-846 8260B	1	F110832AA	03/24/2011 10:40	Anita M Dale	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F110832AA	03/24/2011 10:40	Anita M Dale	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	11087A53A	03/28/2011 14:40	Laura M Krieger	1
01146	GC VOA Water Prep	SW-846 5030B	1	11087A53A	03/28/2011 14:40	Laura M Krieger	1

\*=This limit was used in the evaluation of the final result

## Quality Control Summary

 Client Name: Chevron  
 Reported: 03/29/11 at 03:29 PM

Group Number: 1238572

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>Blank LOQ</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: F110832AA	Sample number(s): 6236819-6236822								
Benzene	N.D.	0.5	1	ug/l	98		79-120		
Ethylbenzene	N.D.	0.5	1	ug/l	96		79-120		
Methyl Tertiary Butyl Ether	N.D.	0.5	1	ug/l	96		76-120		
Toluene	N.D.	0.5	1	ug/l	95		79-120		
Xylene (Total)	N.D.	0.5	1	ug/l	96		80-120		
Batch number: 11087A53A	Sample number(s): 6236819-6236822								
TPH-GRO N. CA water C6-C12	N.D.	50.	100	ug/l	109	100	75-135	9	30

### 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: F110832AA	Sample number(s): 6236819-6236822 UNSPK: P237089								
Benzene	105	104	80-126	1	30				
Ethylbenzene	13 (2)	-3 (2)	71-134	1	30				
Methyl Tertiary Butyl Ether	99	98	72-126	0	30				
Toluene	104	108	80-125	2	30				
Xylene (Total)	78 (2)	83 (2)	79-125	0	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: UST VOCs by 8260B - Water

Batch number: F110832AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
6236819	94	97	98	92
6236820	97	101	97	94
6236821	96	100	98	95
6236822	95	100	98	92
Blank	97	102	97	91
LCS	97	99	99	99
MS	93	101	99	105

\*- Outside of specification

\*\* - This limit was used in the evaluation of the final result for the blank

- (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: 03/29/11 at 03:29 PM

Group Number: 1238572

### Surrogate Quality Control

MSD	95	101	99	106
Limits:	80-116	77-113	80-113	78-113

Analysis Name: TPH-GRO N. CA water C6-C12  
Batch number: 11087A53A  
Trifluorotoluene-F

6236819	72
6236820	72
6236821	71
6236822	72
Blank	76
LCS	89
LCSD	79
Limits:	63-135

\*- Outside of specification

\*\* - This limit was used in the evaluation of the final result for the blank

- (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.



# Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

<b>RL</b>	Reporting Limit	<b>BMQL</b>	Below Minimum Quantitation Level
<b>N.D.</b>	none detected	<b>MPN</b>	Most Probable Number
<b>TNTC</b>	Too Numerous To Count	<b>CP Units</b>	cobalt-chloroplatinate units
<b>IU</b>	International Units	<b>NTU</b>	nephelometric turbidity units
<b>umhos/cm</b>	micromhos/cm	<b>ng</b>	nanogram(s)
<b>C</b>	degrees Celsius	<b>F</b>	degrees Fahrenheit
<b>meq</b>	milliequivalents	<b>lb.</b>	pound(s)
<b>g</b>	gram(s)	<b>kg</b>	kilogram(s)
<b>ug</b>	microgram(s)	<b>mg</b>	milligram(s)
<b>ml</b>	milliliter(s)	<b>l</b>	liter(s)
<b>m3</b>	cubic meter(s)	<b>ul</b>	microliter(s)
<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>J</b>	estimated value – The result is $\geq$ the Method Detection Limit (MDL) and $<$ the Limit of Quantitation (LOQ).		
<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. All other results are reported on an as-received basis.		

## U.S. EPA CLP Data Qualifiers:

Organic Qualifiers	Inorganic Qualifiers
<b>A</b> TIC is a possible aldol-condensation product	<b>B</b> Value is $<$ CRDL, but $\geq$ IDL
<b>B</b> Analyte was also detected in the blank	<b>E</b> Estimated due to interference
<b>C</b> Pesticide result confirmed by GC/MS	<b>M</b> Duplicate injection precision not met
<b>D</b> Compound quantitated on a diluted sample	<b>N</b> Spike sample not within control limits
<b>E</b> Concentration exceeds the calibration range of the instrument	<b>S</b> Method of standard additions (MSA) used for calculation
<b>N</b> Presumptive evidence of a compound (TICs only)	<b>U</b> Compound was not detected
<b>P</b> Concentration difference between primary and confirmation columns $>$ 25%	<b>W</b> Post digestion spike out of control limits
<b>U</b> Compound was not detected	<b>*</b> Duplicate analysis not within control limits
<b>X,Y,Z</b> Defined in case narrative	<b>+</b> Correlation coefficient for MSA $<$ 0.995

Analytical test results meet all requirements of NELAC unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

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