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By Alameda County Environmental Health at 1:44 pm, Jun 09, 2014

Alexis Fischer
Project Manager
Marketing Business Unit

**Chevron Environmental
Management Company**
6101 Bollinger Canyon Road
San Ramon, CA 94583
Tel (925) 790-6441
afischer@chevron.com

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

Re: Former Chevron Service Station No. 91026
3701 Broadway
Oakland, CA

I have reviewed the *Annual 2014 Groundwater Monitoring and Sampling Report*.

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 blue ink that reads "Alexis Fischer".

Alexis Fischer
Project Manager

Attachment: Annual 2014 Groundwater Monitoring and Sampling Report



**CONESTOGA-ROVERS
& ASSOCIATES**

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

June 6, 2014

Reference No. 311959

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

Re: Annual 2014 Groundwater Monitoring and Sampling Report
Former Chevron Station 91026
3701 Broadway
Oakland, California
Agency Case No. RO0000500

Dear Mr. Mark Detterman:

Conestoga-Rovers & Associates (CRA) is submitting this *Annual 2014 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 Monitoring Report is included as Attachment A. Current and historical groundwater monitoring and sampling data are presented in Table 1. Eurofins Lancaster Laboratories' *Analytical Results* is included as Attachment B.

RESULTS OF FIRST QUARTER 2013 EVENT

On March 14, 2014, Blaine Tech monitored and sampled the site wells per the established schedule.

Results of the current monitoring event indicate the following:

- Groundwater Flow Direction NA
- Hydraulic Gradient NA
- Depth to Water Approximately 13 to 18 feet below grade

Equal
Employment Opportunity
Employer



June 6, 2014

Reference No. 311959

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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>	100	1	40	30	20	5
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	<50	<0.5	<0.5	<0.5	<0.5	<0.5
F	<50	<0.5	<0.5	<0.5	<0.5	<0.5
< Indicates constituent was not detected at or above laboratory reporting limit.						

CONCLUSIONS AND RECOMMENDATIONS

The 2014 Annual sampling event results indicate:

- No dissolved hydrocarbons are detected.
- The depth to groundwater is within the screen interval of wells EA-1, EA-2, and F; therefore the analytical results are considered representative. Wells EA-1 and F are located downgradient of the former onsite source area; therefore the dissolved hydrocarbon plume is delineated.

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.

Conceptual Site Model Addendum and Data Gap Work Plan

CRA is currently drafting a *Conceptual Site Model Addendum and Data Gap Work Plan* as requested in ACEH's April 29, 2014 letter. This report will be submitted by the July 25, 2014 deadline requested by ACEH.



**CONESTOGA-ROVERS
& ASSOCIATES**

June 6, 2014

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



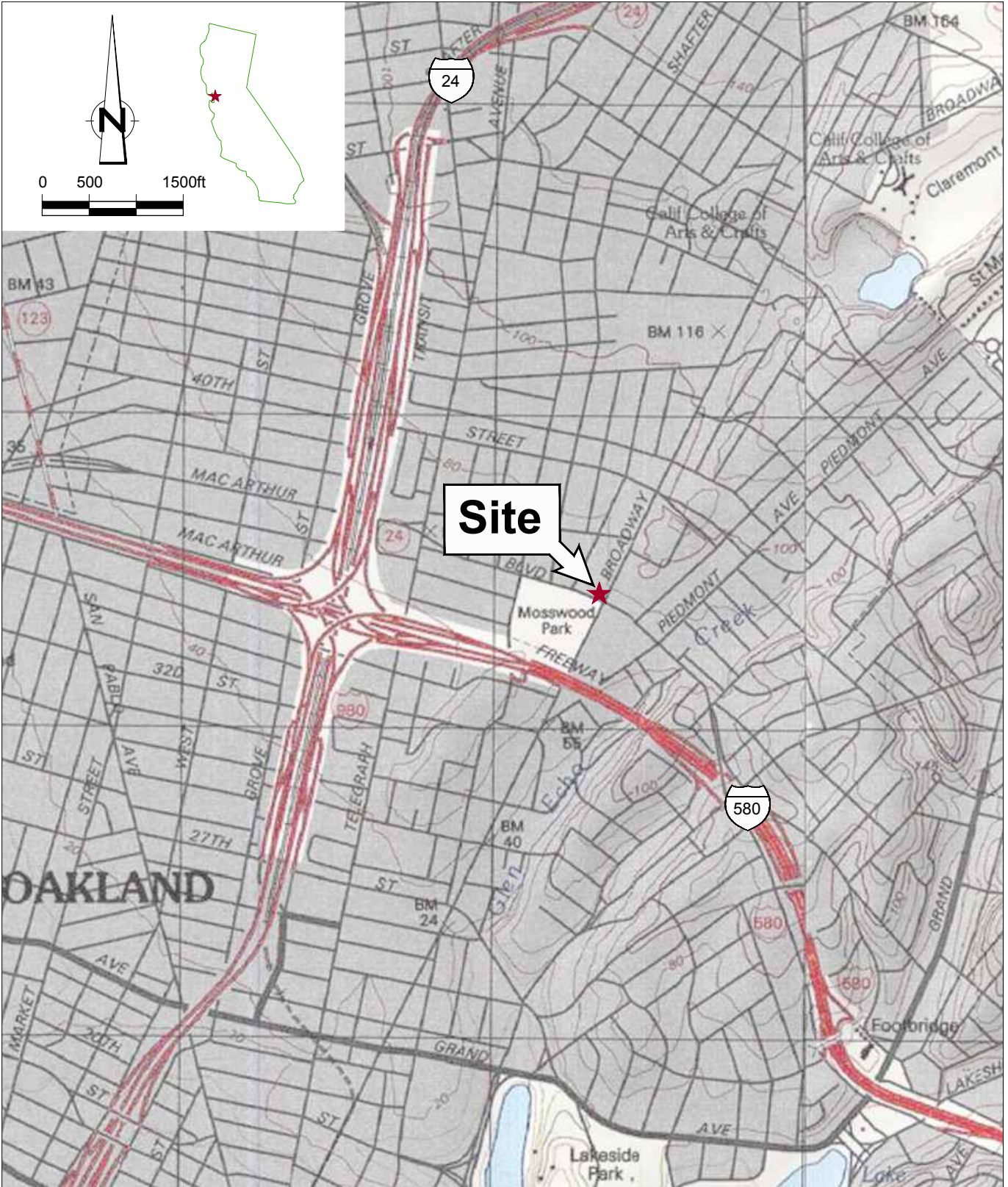
Brandon S. Wilken, PG 7564

BW/aa/10
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: Ms. Alexis Fischer, Chevron (*electronic copy*)
Mr. Gary Bankhead, Kaiser Foundation Hospitals
Heitzinger Associates

FIGURES

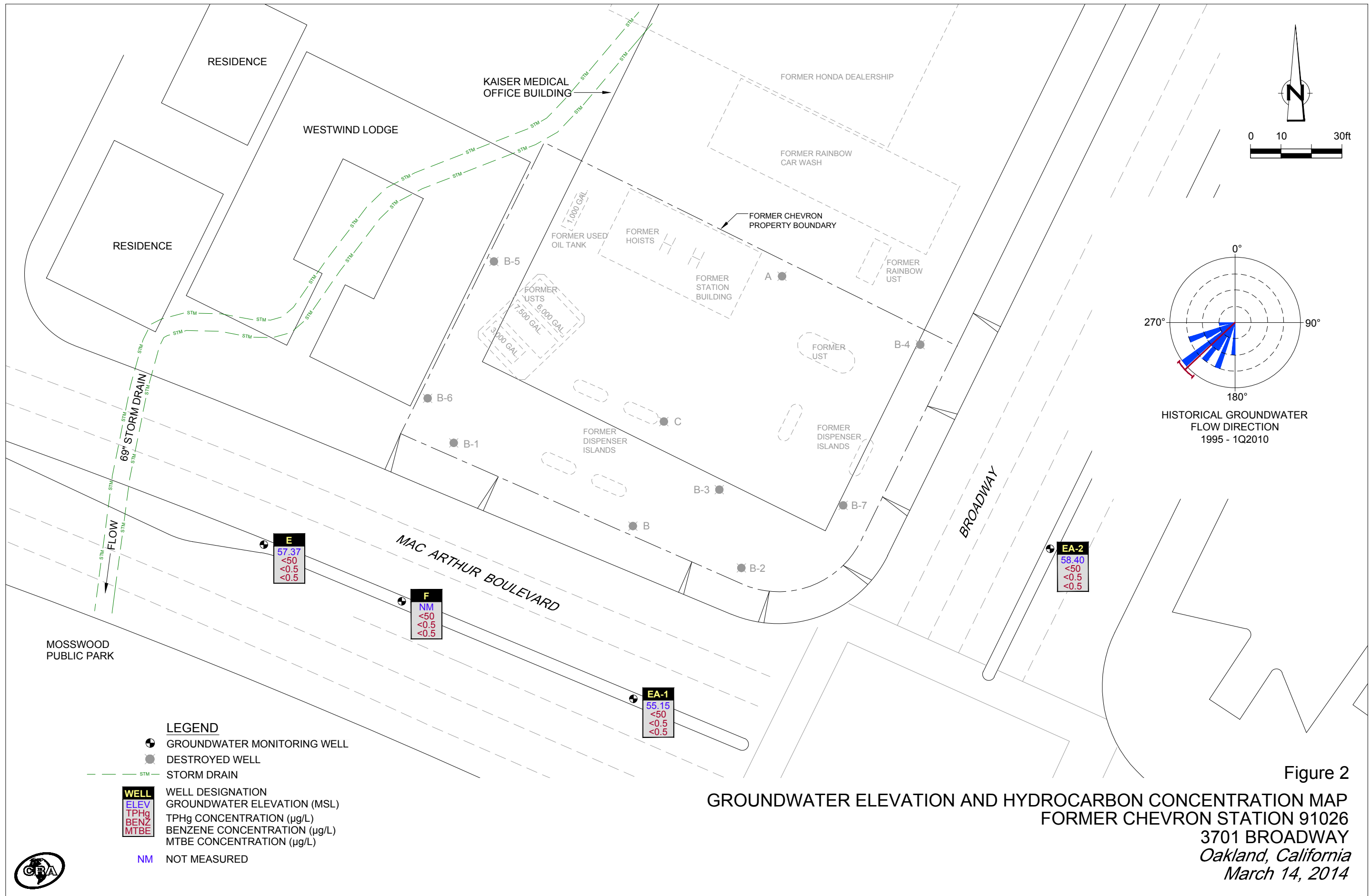


Site

Figure 1

VICINITY MAP
 FORMER CHEVRON STATION 91026
 3701 BROADWAY
 Oakland, California





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		TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
				LNAPLT (ft.)	REMOVED (gallons)						
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				--	--	--	--	--	--
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 ⁹

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FORMER CHEVRON STATION #9-1026
3701 BROADWAY
OAKLAND, CALIFORNIA**

WELL ID/ DATE	TOC* (ft.)	GWE (ft-amsl)	DTW (ft.)	LNAPL		TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	
				LNAPLT (ft.)	REMOVED (gallons)							
E (cont)												
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 ¹²	70.07	59.96	10.11	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	
03/18/08 ¹²	70.07	59.94	10.13	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	
03/03/09 ¹²	70.07	59.52	10.55	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	
03/31/10 ¹²	70.07	53.54	16.53	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	
03/21/11	70.07	56.17	13.90	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	
02/20/13	70.07	57.59	12.48	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	
03/14/14	70.07	57.37	12.70	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	
F												
05/09/89	72.01	53.31	18.70	--	--	<500	<0.5	<0.5	0.6	1.0	--	
08/09/89	72.01	52.98	19.03	--	--	--	--	--	--	--	--	
11/09/89	72.01	52.99	19.02	--	--	--	--	--	--	--	--	
02/08/90	72.01	53.31	18.70	--	--	<50	0.4	<0.3	0.3	<0.6	--	

**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		TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
				LNAPLT (ft.)	REMOVED (gallons)						
F (cont)											
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		TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
				LNAPLT (ft.)	REMOVED (gallons)						
F (cont)											
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 ⁹
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 ¹²	-- ¹⁶	-- ¹⁶	12.60	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/18/08 ¹²	-- ¹⁶	-- ¹⁶	12.52	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/03/09 ¹²	-- ¹⁶	-- ¹⁶	12.91	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5

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3701 BROADWAY
OAKLAND, CALIFORNIA**

WELL ID/ DATE	TOC* (ft.)	GWE (ft-amsl)	DTW (ft.)	LNAPL		TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
				LNAPLT (ft.)	REMOVED (gallons)						
F (cont)											
03/31/10 ¹²	-- ¹⁶	-- ¹⁶	19.68	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/21/11	-- ¹⁶	-- ¹⁶	16.90	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
02/20/13	-- ¹⁶	-- ¹⁶	15.20	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/14/14	-- ¹⁶	-- ¹⁶	15.27	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
EA-1											
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	--

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FORMER CHEVRON STATION #9-1026
3701 BROADWAY
OAKLAND, CALIFORNIA**

WELL ID/ DATE	TOC* (ft.)	GWE (ft-amsl)	DTW (ft.)	LNAPL		TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
				LNAPLT (ft.)	REMOVED (gallons)						
EA-1 (cont)											
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 ⁹
09/23/02	71.85	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		TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
				LNAPLT (ft.)	REMOVED (gallons)						
EA-1 (cont)											
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 ¹²	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 ¹²	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 ¹²	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 ¹²	71.85	58.03	13.82	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/18/08 ¹²	71.85	57.87	13.98	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/03/09 ¹²	71.85	57.72	14.13	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/31/10 ¹²	71.85	50.24	21.61	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/21/11	71.85	53.15	18.70	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
02/20/13	71.85	55.35	16.50	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/14/14	71.85	55.15	16.70	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
EA-2											
05/09/89	75.24	59.29	15.95	--	--	760	<0.5	<0.5	1.1	<0.5	--
08/09/89	75.24	57.79	17.45	--	--	<500	<0.5	<0.5	<0.5	<0.5	--
11/09/89	75.24	57.83	17.41	--	--	<500	<0.5	1.0	<0.5	<0.5	--
02/08/90	75.24	58.67	16.57	--	--	190	<0.3	<0.3	<0.3	<0.6	--
05/10/90	75.24	58.12	17.12	--	--	<50	<0.3	<0.3	<0.3	<0.6	--
08/09/90	75.24	58.04	17.20	--	--	120	<0.3	<0.3	<0.3	<0.6	--

**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)
EA-2 (cont)											
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
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 ²	0.99	<0.5	<0.5	<0.5	<2.5

**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		TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
				LNAPLT (ft.)	REMOVED (gallons)						
EA-2 (cont)											
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 ⁹
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 ¹²	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 ¹²	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 ¹²	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 ¹²	76.24	61.16	15.08	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/18/08 ¹²	76.24	61.08	15.16	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/03/09	76.24	INACCESSIBLE		--	--	--	--	--	--	--	--
03/31/10 ¹²	76.24	54.80	21.44	0.00	0.00	65 J	<0.5	<0.5	<0.5	<0.5	<0.5
03/21/11	76.24	INACCESSIBLE		--	--	--	--	--	--	--	--
02/20/13	76.24	58.97	17.27	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/14/14	76.24	58.40	17.84	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		TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
				LNAPLT (ft.)	REMOVED (gallons)						
A											
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	--
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		--	--	--	--	--	--	--	--

**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		TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
				LNAPLT (ft.)	REMOVED (gallons)						
A (cont)											
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 ²	130	1.7	44	42	<2.5
09/15/98	75.29	--	--	--	--	--	--	--	--	--	--
03/09/99	75.29	INACCESSIBLE		--	--	--	--	--	--	--	--
03/14/00	75.29	INACCESSIBLE		--	--	--	--	--	--	--	--
08/28/00	75.29	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--	--
03/22/01	75.29	INACCESSIBLE		--	--	--	--	--	--	--	--
09/04/01	75.29	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--	--
03/18/02	75.29	INACCESSIBLE - DUE TO TRAILER PARKED OVER WELL									
09/23/02	75.29	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--	--
03/25/03	75.29	INACCESSIBLE - DUE TO TRAILER PARKED OVER WELL									
09/23/03	75.29	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--	--
03/17/04	75.29	INACCESSIBLE - DUE TO TRAILER PARKED OVER WELL									
09/16/04	75.29	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--	--
03/31/05 ¹²	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 ¹²	75.29	66.95	8.34	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
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											
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	--
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 ¹	--	--	--	--	--	--	--
12/20/94	73.39	59.74**	13.75	0.12	--	--	--	--	--	--	--
3/28/952	73.39	--	--	--	--	--	--	--	--	--	--

**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 (cont)											
06/22/95	73.39	58.92**	14.56	0.11	1.000	--	--	--	--	--	--
09/21/95	73.39	58.41**	15.88	1.12	2.000	--	--	--	--	--	--
03/22/96	73.39	61.19**	13.02	1.02	2.000	--	--	--	--	--	--
09/25/96	73.39	58.81**	15.76	1.47	1.500	--	--	--	--	--	--
03/06/97	73.39	59.95**	14.30	1.08	2.000	--	--	--	--	--	--
09/12/97	73.39	59.32**	14.61	0.68	3.000	--	--	--	--	--	--
04/02/98	73.39	61.04**	12.50	0.19	3.000	--	--	--	--	--	--
09/15/98	73.39	59.60**	14.87	1.35	5.000	--	--	--	--	--	--
03/09/99	73.39	60.41**	13.41	0.54	0.132	--	--	--	--	--	--
09/29/99	73.39	58.56**	15.80	1.21	0.130	--	--	--	--	--	--
03/14/00	73.39	61.70**	12.80	1.39	0.400	--	--	--	--	--	--
08/28/00	73.39	58.96**	15.29	1.07	0.26 ⁵	NOT SAMPLED DUE TO THE PRESENCE OF LNAPL					--
03/22/01	73.39	60.52**	13.26	0.49	0.26 ⁵	NOT SAMPLED DUE TO THE PRESENCE OF LNAPL					--
06/25/01 ⁷	73.39	58.95**	15.30	1.08	0.00	--	--	--	--	--	--
07/09/01 ⁸	73.39	59.02**	15.15	0.97	0.26 ⁵	--	--	--	--	--	--
08/06/01 ⁸	73.39	58.86**	15.31	0.98	1.04 ⁵	--	--	--	--	--	--
09/04/01 ⁸	73.39	58.58**	15.46	0.81	0.00	NOT SAMPLED DUE TO THE PRESENCE OF LNAPL					--
10/08/01 ⁸	73.39	58.33**	15.68	0.77	0.06 ⁵	--	--	--	--	--	--
11/12/01 ⁸	73.39	58.56**	15.45	0.78	1.50 ⁵	--	--	--	--	--	--
12/26/01 ⁸	73.39	60.87**	12.98	0.58	4.39 ⁵	--	--	--	--	--	--
01/25/02 ⁸	73.39	60.74**	12.71	0.08	0.13 ⁵	--	--	--	--	--	--
02/05/02 ⁸	73.39	60.30**	13.16	0.09	2.63 ⁵	--	--	--	--	--	--
03/18/02 ⁸	73.39	60.63**	12.79	0.04	2.03 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 (cont)											
04/27/02 ⁸	73.39	59.73	13.66	0.00	0.26 ¹⁰	--	--	--	--	--	--
05/20/02 ⁸	73.39	59.61	13.78	0.00	0.26 ¹⁰	--	--	--	--	--	--
06/17/02 ⁸	73.39	59.28**	14.34	0.29	3.39 ⁵	--	--	--	--	--	--
07/01/02 ⁸	73.39	59.05**	14.78	0.55	2.26 ⁵	--	--	--	--	--	--
08/19/02 ⁸	73.39	58.75**	15.03	0.49	6.53 ⁵	--	--	--	--	--	--
09/23/02 ⁸	73.39	58.61**	15.13	0.44	0.40 ⁵	NOT SAMPLED DUE TO THE PRESENCE OF LNAPL					--
10/21/02 ⁸	73.39	58.50**	15.21	0.40	0.33 ⁵	--	--	--	--	--	--
11/26/02 ⁸	73.39	58.51**	15.17	0.36	0.26 ⁵	--	--	--	--	--	--
12/26/02 ⁸	73.39	60.50**	13.06	0.21	0.13 ⁵	--	--	--	--	--	--
02/05/03 ⁸	73.39	60.24**	13.33	0.22	0.07 ⁵	--	--	--	--	--	--
03/01/03 ¹¹	73.39	60.18**	13.31	0.13	0.07 ⁵	--	--	--	--	--	--
03/25/03	73.39	60.08**	13.41	0.13	0.03 ⁵	NOT SAMPLED DUE TO THE PRESENCE OF LNAPL					--
04/21/03	73.39	60.27**	13.20	0.10	0.07 ⁵	--	--	--	--	--	--
05/26/03	73.39	59.76**	13.70	0.09	0.07 ⁵	--	--	--	--	--	--
06/16/03	73.39	59.44**	14.04	0.11	0.07 ⁵	--	--	--	--	--	--
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 ⁵	--	--	--	--	--	--
09/23/03	73.39	58.63**	14.96	0.25	0.59 ⁵	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 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 (cont)											
03/17/04 ¹¹	73.39	60.60**	12.85	0.08	0.01 ⁵	NOT SAMPLED DUE TO THE PRESENCE OF LNAPL					--
04/09/04 ¹¹	73.39	59.87**	13.54	0.02	1.51 ⁵	--	--	--	--	--	--
05/11/04 ¹¹	73.39	59.80**	13.60	0.01	-- ¹³	--	--	--	--	--	--
06/21/04 ¹¹	73.39	58.99**	14.46	0.07	0.03	--	--	--	--	--	--
07/09/04 ¹¹	73.39	58.83**	14.58	0.02	1.02 ⁵	--	--	--	--	--	--
08/10/04 ¹¹	73.39	58.54**	14.87	0.02	0.51 ⁵	--	--	--	--	--	--
09/16/04 ¹¹	73.39	58.56**	14.85	0.03	0.52 ⁵	NOT SAMPLED DUE TO THE PRESENCE OF LNAPL					--
10/12/04 ¹¹	73.39	58.21**	15.28	0.13	0.03 ⁵	--	--	--	--	--	--
11/12/04	73.39	58.66**	14.75	0.02	0.52 ⁵	--	--	--	--	--	--
12/08/04	73.39	58.73**	14.68	0.02	0.53 ⁵	--	--	--	--	--	--
01/25/05	73.39	59.16**	14.25	0.02	0.53 ⁵	--	--	--	--	--	--
02/11/05	73.39	59.11**	14.30	0.02	0.52 ⁵	--	--	--	--	--	--
03/31/05	73.39	61.34**	12.07	0.03	1.03 ⁵	NOT SAMPLED DUE TO THE PRESENCE OF LNAPL					--
04/26/05	73.39	61.31**	12.10	0.02	1.02 ⁵	--	--	--	--	--	--
05/13/05	73.39	60.93**	12.48	0.02	1.02 ⁵	--	--	--	--	--	--
06/28/05	73.39	61.04**	12.37	0.03	1.02 ⁵	--	--	--	--	--	--
07/15/05	73.39	60.16**	13.25	0.02	1.52 ⁵	--	--	--	--	--	--
08/19/05	73.39	59.65**	13.76	0.02	1.02 ⁵	--	--	--	--	--	--
09/26/05	73.39	58.98**	14.43	0.02	1.02 ⁵	NOT SAMPLED DUE TO THE PRESENCE OF LNAPL					--
10/17/05	73.39	58.94**	14.47	0.02	1.01 ⁵	--	--	--	--	--	--
11/18/05	73.39	58.61**	14.80	0.02	1.52 ⁵	--	--	--	--	--	--
12/12/05	73.39	59.60**	13.81	0.02	1.01 ⁵	--	--	--	--	--	--
01/24/06	73.39	59.70**	13.70	0.01	1.01 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		TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
				LNAPLT (ft.)	REMOVED (gallons)						
B (cont)											
02/10/06	73.39	59.62**	13.78	0.01	1.01 ⁵	--	--	--	--	--	--
03/31/06	73.39	61.40**	12.01	0.02	1.51 ⁵	NOT SAMPLED DUE TO THE PRESENCE OF LNAPL					--
04/14/06	73.39	61.38**	12.02	0.01	1.00 ¹⁴	--	--	--	--	--	--
05/12/06	73.39	61.03**	12.38	0.02	1.00 ¹⁵	--	--	--	--	--	--
06/12/06	73.39	60.38**	13.03	0.02	1.00 ¹⁵	--	--	--	--	--	--
07/19/06	73.39	INACCESSIBLE - WELL GROUTED/PLUGGED					--	--	--	--	--
DESTROYED - JULY 2006											
B-1											
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	--
03/19/93	72.30	60.02	12.28	--	--	130	23	0.9	<0.5	5.6	--

**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		TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
				LNAPLT (ft.)	REMOVED (gallons)						
B-1 (cont)											
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 ²	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 ³	42	1.9	4.3	6.3	21
03/22/01	72.30	60.62	11.68	0.00	0.00	1,690 ⁶	181	7.94	20.4	17.4	56.9
06/25/01	72.30	58.59	13.71	0.00	0.00	--	--	--	--	--	--
07/09/01	72.30	59.11	13.19	0.00	0.00	--	--	--	--	--	--
09/04/01	72.30	58.73	13.57	0.00	0.00	130	6.4	0.58	0.74	<1.5	<2.5/<2 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-1 (cont)											
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 ¹²	72.30	58.57	13.73	0.00	0.00	<50	<0.5	0.7	<0.5	<0.5	<0.5
03/17/04 ¹²	72.30	60.83	11.47	0.00	0.00	110	3	<0.5	<0.5	<0.5	<0.5
09/16/04 ¹²	72.30	58.23	14.07	0.00	0.00	200	29	<0.5	<0.5	0.7	<0.5
03/31/05 ¹²	72.30	59.45	12.85	0.00	0.00	340	18	<0.5	2	1	<0.5
09/26/05 ¹²	72.30	58.60	13.70	0.00	0.00	570	71	1	<0.5	5	<0.5
03/31/06 ¹²	72.30	59.72	12.58	0.00	0.00	520	23	1	0.8	2	<0.5
DESTROYED - JULY 2006											
B-2											
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	--
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	--

**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		TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
				LNAPLT (ft.)	REMOVED (gallons)						
B-2 (cont)											
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	--	--	--	--	--	--
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 ⁵	NOT SAMPLED DUE TO THE PRESENCE OF LNAPL					--
03/22/01	74.52	60.99**	13.77	0.30	0.07 ⁵	NOT SAMPLED DUE TO THE PRESENCE OF LNAPL					--

**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-2 (cont)											
07/09/01 ⁷	74.52	58.50**	16.12	0.13	0.21 ⁵	--	--	--	--	--	--
08/06/01 ⁸	74.52	58.31**	16.23	0.02	0.00	--	--	--	--	--	--
09/04/01 ⁸	74.52	58.26**	16.28	0.03	0.00	NOT SAMPLED DUE TO THE PRESENCE OF LNAPL					--
10/08/01 ⁸	74.52	57.97**	16.57	0.03	0.01 ⁵	--	--	--	--	--	--
11/12/01 ⁸	74.52	58.07**	16.46	0.01	0.00	--	--	--	--	--	--
12/26/01 ⁸	74.52	61.12	13.40	0.00	0.00	--	--	--	--	--	--
01/25/02 ⁸	74.52	60.17	14.35	0.00	0.00	--	--	--	--	--	--
02/05/02 ⁸	74.52	60.05	14.47	0.00	0.00	--	--	--	--	--	--
03/18/02 ⁸	74.52	60.38	14.14	0.00	0.00	110,000	24,000	2,500	2,500	9,200	<30
04/27/02 ⁸	74.52	59.46	15.06	0.00	0.26 ¹⁰	--	--	--	--	--	--
05/20/02 ⁸	74.52	59.06	15.46	0.00	0.26 ¹⁰	--	--	--	--	--	--
06/17/02 ⁸	74.52	58.82	15.70	0.00	0.13 ¹⁰	--	--	--	--	--	--
07/01/02 ⁸	74.52	58.75	15.77	0.00	0.00	--	--	--	--	--	--
08/19/02 ⁸	74.52	58.34	16.18	0.00	0.00	--	--	--	--	--	--
09/23/02 ⁸	74.52	58.22**	16.31	0.01	0.00	90,000	23,000	2,200	2,400	8,600	<500
10/21/02 ⁸	74.52	58.08**	16.45	0.01	0.00	--	--	--	--	--	--
11/26/02 ⁸	74.52	58.04	16.48	0.00	0.00	--	--	--	--	--	--
12/26/02 ⁸	74.52	59.46	15.06	0.00	0.00	--	--	--	--	--	--
02/05/03 ⁸	74.52	59.65	14.87	0.00	0.00	--	--	--	--	--	--
03/01/03 ¹¹	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	--	--	--	--	--	--

**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-2 (cont)											
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 ¹²	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 ^{11,12}	74.52	61.08	13.44	0.00	0.00	95,000	18,000	1,400	2,000	9,300	170
04/09/04 ¹¹	74.52	60.48	14.04	0.00	0.00	--	--	--	--	--	--
05/11/04 ¹¹	74.52	60.44	14.08	0.00	0.00	--	--	--	--	--	--
06/21/04 ¹¹	74.52	59.17	15.35	0.00	0.00	--	--	--	--	--	--
07/09/04 ¹¹	74.52	59.05	15.47	0.00	0.00	--	--	--	--	--	--
08/10/04 ¹¹	74.52	58.80	15.72	0.00	0.00	--	--	--	--	--	--
09/16/04 ^{11,12}	74.52	58.52	16.00	0.00	0.00	81,000	21,000	1,000	1,900	8,100	220
10/12/04 ¹¹	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 ¹²	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	--	--	--	--	--	--

**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-2 (cont)												
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 ¹²	74.52	58.85	15.67	0.00	0.00	74,000	24,000	1,200	2,000	8,500	170	
10/17/05	74.52	58.87	15.65	0.00	0.00	--	--	--	--	--	--	
11/18/05	74.52	58.75	15.77	0.00	0.00	--	--	--	--	--	--	
12/12/05	74.52	60.26	14.26	0.00	0.00	--	--	--	--	--	--	
01/24/06	74.52	60.48	14.04	0.00	0.00	--	--	--	--	--	--	
02/10/06	74.52	60.43	14.09	0.00	0.00	--	--	--	--	--	--	
03/31/06 ¹²	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 GROUDED/PLUGGED					--	--	--	--	--	--
DESTROYED - JULY 2006												
B-3												
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	--	--	--	--	--	--	--	

**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-3 (cont)											
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	--
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 ¹	--	--	--	--	--	--	--
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	--	--	--	--	--	--

**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		TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
				LNAPLT (ft.)	REMOVED (gallons)						
B-3 (cont)											
03/09/99	74.13	62.77**	11.41	0.06	0.053	--	--	--	--	--	--
09/29/99	74.13	59.23**	15.00	0.13	0.070	--	--	--	--	--	--
03/14/00	74.13	63.15	10.98	--	--	177,000	15,000	22,000	2,910	17,000	<1,250
08/28/00	74.13	59.74**	14.41	0.02	0.26 ⁵	NOT SAMPLED DUE TO THE PRESENCE OF LNAPL					--
03/22/01	74.13	62.06	12.07	0.00	0.00	366,000 ³	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 ⁹
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 ¹²	74.13	59.32	14.81	0.00	0.00	160,000	37,000	19,000	3,800	17,000	<500
03/17/04 ¹²	74.13	62.03	12.10	0.00	0.00	100,000	15,000	9,900	1,500	9,400	<10
09/16/04 ¹²	74.13	59.04	15.09	0.00	0.00	98,000	21,000	14,000	2,000	9,400	11
03/31/05 ¹²	74.13	63.01	11.12	0.00	0.00	120,000	24,000	15,000	1,400	9,500	<13
09/26/05 ¹²	74.13	59.44	14.69	0.00	0.00	110,000	29,000	17,000	2,100	12,000	<25
03/31/06 ¹²	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-4											
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	--
08/09/90	76.43	59.94	16.49	--	--	16,000	7,400	120	530	350	--

**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		TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
				LNAPLT (ft.)	REMOVED (gallons)						
B-4 (cont)											
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
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 ²	9,700	59	760	220	<250
09/15/98	76.43	61.08	15.35	--	--	25,000	12,000	200	900	<200	<1,000

**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		TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
				LNAPLT (ft.)	REMOVED (gallons)						
B-4 (cont)											
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 ⁴	76.43	60.78	15.65	0.00	0.00	13,000 ³	8,600	96	920	74	400
03/22/01	76.43	63.57	12.86	0.00	0.00	14,400 ⁶	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 ⁹
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 ¹²	76.43	60.29	16.14	0.00	0.00	21,000	77,000	370	2,500	500	<250
03/17/04 ¹²	76.43	63.35	13.08	0.00	0.00	16,000	5,500	30	320	110	4
09/16/04 ¹²	76.43	60.17	16.26	0.00	0.00	28,000	5,900	3,800	470	2,800	<5
03/31/05 ¹²	76.43	64.55	11.88	0.00	0.00	12,000	3,300	26	350	150	<3
09/26/05 ¹²	76.43	60.48	15.95	0.00	0.00	16,000	6,100	28	220	68	<5
03/31/06 ¹²	76.43	64.73	11.70	0.00	0.00	9,200	2,100	17	220	120	0.6
DESTROYED - JULY 2006											
B-6											
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	--

**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-6(cont)											
11/13/90	72.66	57.80	14.86	--	--	--	--	--	--	--	--
04/05/91	72.66	62.23	10.43	--	--	--	--	--	--	--	--
ABANDONED											
B-7											
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											
TRIP BLANK											
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	--

**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		TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
				LNAPLT (ft.)	REMOVED (gallons)						
TRIP BLANK (cont)											
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	--
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

**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		TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
				LNAPLT (ft.)	REMOVED (gallons)						
TRIP BLANK (cont)											
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
QA											
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 ¹²	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/17/04 ¹²	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/16/04 ¹²	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/31/05 ¹²	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/26/05 ¹²	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/31/06 ¹²	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/23/07 ¹²	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/18/08 ¹²	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/03/09 ¹²	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/31/10 ¹²	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/21/11 ¹²	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
02/20/13	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/14/14	--	--	--	--	--	<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)

Abbreviations and Notes:

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
- TPHg = Total Petroleum Hydrocarbons as Gasoline (µg/L) = Micrograms per liter
- B = Benzene
- T = Toluene
- E = Ethylbenzene
- X = Xylenes
- MTBE = Methyl Tertiary Butyl Ether
- = Not Measured/Not Analyzed
- ND = Not Detected
- QA = Quality Assurance/Trip Blank

- * TOC elevation referenced to msl.
- ** GWE was corrected for the presence of LNAPL; correction factor: [(TOC - DTW) + (LNAPLT x 0.80)].
- 1 Approximate thickness; equipment not functioning properly.
- 2 Chromatogram pattern indicated an unidentified hydrocarbon.
- 3 Laboratory report indicates gasoline C6-C12.
- 4 Laboratory report indicates sample was analyzed outside of the EPA recommended holding time.
- 5 Product + water removed.
- 6 Laboratory report indicates unidentified hydrocarbons C6-C12.
- 7 Skimmer installed May of 2001.
- 8 Skimmer in well.
- 9 MTBE by EPA Method 8260.
- 10 Water removed from skimmer; no product.
- 11 Skimmer removed for repair.
- 12 BTEX and MTBE by EPA Method 8260.
- 13 0.5 ounces of product removed from well.
- 14 1.5 ounces of product removed from well.
- 15 2 ounces of product removed from well.
- 16 TOC was altered during well repairs; unable to determine an accurate GWE.

ATTACHMENT A

MONITORING DATA PACKAGE



March 20, 2014

Chevron Environmental Management Company
Brian Waite
6111 Bollinger Canyon Rd.
San Ramon, CA 94583

First Quarter 2014 Monitoring at
Chevron Service Station 91026
3701 Broadway
Oakland, CA

Monitoring performed on March 14, 2014

Blaine Tech Services, Inc. Groundwater Monitoring Event 140314-JO2

This submission covers the routine monitoring of groundwater wells conducted on March 14, 2014 at this location. Four monitoring wells were measured for depth to groundwater (DTW). Four monitoring wells were sampled. 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. 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

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 Blaine Tech of San Jose, California.

Enclosed documentation from this event includes copies of the Well Gauging Sheet, Well Monitoring Data Sheets, C 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
Wellhead Inspection Form
Bill of Lading
Calibration Log

cc: CRA
Attn: Nathan Lee
2300 Clayton Rd., Suite 920
Concord, CA 94520

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

SAN JOSE

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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.

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 product.

TRADITIONAL PURGING & SAMPLING

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.

Sample Collection

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.

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.

Dissolved Oxygen Measurements

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

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.

Oxidation Reduction Potential Measurements (ORP)

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

LOW FLOW SAMPLING USING SAMPLE-PRO BLADDER PUMP

Calibration

Calibrate YSI Flow Cell as per manufacturer's specifications. Thoroughly rinse probe and cup between parameters. Calibration order as follows:

1. pH (use 3-point calibration of 7, 4, 10)
2. Oxygen Reduction Potential (ORP)
3. Specific Conductance
4. Dissolved Oxygen (DO) (calibrate simulating 100% oxygen saturation)

Purging & Sampling Collection

1. Insert new bladder into Sample-Pro pump housing.
2. Remove dedicated PE tubing from the well or start with new PE tubing cut to the required length.
3. Attach the PE tubing to the Sample-Pro Bladder Pump.
4. Gently lower the Sample-Pro Bladder Pump, and PE tubing into the well, placing the Sample-Pro Bladder Pump intake at the center of the screened interval. Take care to minimize disturbance to the water column.
5. Direct effluent line into YSI 556 Flow Cell.
6. Set Sample-Pro Bladder Pump speed at 100 - 500 ml/min.
7. Collect water quality parameter measurements for temperature, pH, conductivity, turbidity, DO and ORP every 3-5 minutes.
8. Monitor drawdown during purging with electronic water level meter. Record water level with each parameter measurement. **MAXIMUM DRAWDOWN IS 0.33 FEET.**
9. Collect parameter measurements until stability is achieved. Stability is defined as three consecutive measurements where:

Temp	± 1 ° Celsius
pH	± 0.1
Conductivity	± 3%
Turbidity	± 10% NTU
DO	± 0.3 mg/l
ORP	± 10 Mv

10. Sample may be collected once stability is achieved and at least one system volume of water removed from the well.
11. Disconnect effluent line from YSI 556 Flow Cell.
12. Sample through effluent line while maintaining constant flow rate.
13. Remove Sample-Pro Bladder Pump, and PE tubing from well.
14. Detach and reinstall dedicated PE tubing in well.

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 or Non-Hazardous Waste Manifest to a Blaine Tech Services, Inc. facility before being transported to a Chevron approved disposal facility

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.

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. Field documentation is contemporaneous.

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 such as hose reels, pumps and bailers 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.

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.

FERROUS IRON MEASUREMENTS

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

CHEVRON WELL MONITORING DATA SHEET

Project #: 140314-J02	Station #: 9-1026
Sampler: <i>h</i>	Date: 3-14-14
Weather: <i>Obca</i>	Ambient Air Temperature: 60°F
Well I.D.: EA-1	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: 27.45	Depth to Water: 16.70
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]: 18.85	

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: _____

6.9	(Gals.) X	3	=	20.7	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 ² * 0.163

Time	Temp (°F)	pH	Cond. (mS or <u>µS</u>)	Turbidity (NTUs)	Gals. Removed	Observations
0905	66.6	7.16	1059	30	6.9	
0907	66.6	7.04	1044	27	13.9	
0909	66.6	7.01	1042	27	20.7	

Did well dewater? Yes No Gallons actually evacuated: 20.7

Sampling Date: 3-14-14 Sampling Time: 0915 Depth to Water: 17.09

Sample I.D.: EA-1 Laboratory: Lancaster Other _____

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

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 #: 140314-52	Station #: 9-1026
Sampler: JD	Date: 3-14-14
Weather: clear	Ambient Air Temperature:
Well I.D.: EA-7	Well Diameter: 2 3 4 6 8
Total Well Depth: 29.33	Depth to Water: 17.04
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]: 20.13	

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: _____

7.4 (Gals.) X	3	= 22.2 Gals.
I 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 ² * 0.163

Time	Temp (°F)	pH	Cond. (mS or μS)	Turbidity (NTUs)	Gals. Removed	Observations
1019	66.0	6.71	927	31	7.4	
1020	66.0	6.68	930	34	14.8	
1022	66.0	6.68	932	37	22.2	

Did well dewater? Yes No Gallons actually evacuated: 22.2

Sampling Date: 3-14-14 Sampling Time: 1025 Depth to Water: 19.21

Sample I.D.: EA-7 Laboratory: Lancaster Other _____

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

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 #: 140314-502	Station #: 9-1026
Sampler: BW	Date: 3/14/14
Weather: Overcast	Ambient Air Temperature: 60°F
Well I.D.: E	Well Diameter: ② 3 4 6 8 _____
Total Well Depth: 32.52	Depth to Water: 12.70
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]: 16.66	

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: _____

3.2	(Gals.) X	3	=	9.6	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 ² * 0.163

Time	Temp (°F)	pH	Cond. (mS or μS)	Turbidity (NTUs)	Gals. Removed	Observations
0935	64.8	6.58	1074	71000	3.2	
0940	65.5	6.52	1067	71000	6.4	
0945	65.8	6.49	1063	71000	9.6	

Did well dewater? Yes No Gallons actually evacuated: 9.6

Sampling Date: 3/14/14 Sampling Time: 0950 Depth to Water: 14.12

Sample I.D.: E Laboratory: Lancaster Other _____

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

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 #: 140314-502	Station #: 9-1026
Sampler: BW	Date: 3/14/14
Weather: Overcast	Ambient Air Temperature: 60°F
Well I.D.: F	Well Diameter: (2") 3 4 6 8 _____
Total Well Depth: 29.03	Depth to Water: 15.27
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]: 18.02	

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: _____

2.2	(Gals.) X	3	=	6.6	Gals.
I 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 ² * 0.163

Time	Temp (°F)	pH	Cond. (mS or μS)	Turbidity (NTUs)	Gals. Removed	Observations
0908	66.4	6.54	1101	>1000	2.2	
0911	67.0	6.32	1085	>1000	4.4	
0915	66.9	6.31	1079	>1000	6.6	

Did well dewater? Yes No Gallons actually evacuated: 6.6

Sampling Date: 3/14/14 Sampling Time: 0920 Depth to Water: 21.12 (traffic)

Sample I.D.: F Laboratory: Lancaster Other _____

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

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: BRIAN WAITE
 Chevron PM Phone No.: (925)790-6486
 Retail and Terminal Business Unit (RTBU) Job
 Construction/Retail Job

Chevron Consultant: CRA
 Address: 2300 Clayton Rd., Suite 920, Concord, CA
 CA Consultant Contact: Nathan Lee
 Consultant Phone No. 510-420-3333
 Consultant Project No. 140314-302
 Sampling Company: Blaine Tech Services
 Sampled By (Print): J. Lopez
 Sampler Signature: [Signature]

ANALYSES REQUIRED												
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>											Preservation Codes H = HCL T = Thiosulfate N = HNO ₃ B = NaOH S = H ₂ SO ₄ O = Other
												Special Instructions Must meet lowest detection limits possible for 8260 Compounds

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: Nicole Maljovec
 2425 New Holland Pike,
 Lancaster, PA 17601
 Phone No: (717)656-2300

Other Lab	Temp. Blank Check Time	Temp.
	0800	10
	1600	P

SAMPLE ID				Sample Time	# of Containers	Container Type	ANALYSES REQUIRED												Notes/Comments
Field Point Name	Matrix	Top Depth	Date (yyymmdd)				EPA 8260B/GC/MS TPH-G	EPA 8015B GRO	EPA 8021B BTEX	EPA 6010 Ca, Fe, K, Mg, Mn, Na	EPA 6010/7000 TITL 22 METALS	EPA 150.1 PH	SM2510B SPECIFIC CONDUCTIVITY	EPA 418.1 TRPH	EPA 8260 ETHANOL	EPA 8015 TPH-D			
E1A1	W		140314	0915	6	VOAS	X	X											
E1A2	↓		↓	1025	↓	↓	X	X											
E	↓		↓	0950	↓	↓	X	X											
F	↓		↓	0920	↓	↓	X	X											
QA	T		↓	0830	2	↓	X	X											

Relinquished By: <u>[Signature]</u>	Company: <u>BS</u>	Date/Time: <u>3-18-14/16a</u>	Relinquished To: <u>[Signature]</u>	Company: <u>BS</u>	Date/Time: <u>3/18/14/16a</u>
Relinquished By: <u>[Signature]</u>	Company: <u>BS</u>	Date/Time: <u>3/17/14/1115</u>	Relinquished To: <u>[Signature]</u>	Company: <u>LLI</u>	Date/Time: <u>3/17/14/1115</u>
Relinquished By:	Company:	Date/Time:	Relinquished To:	Company:	Date/Time:

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

ATTACHMENT B

LABORATORY ANALYTICAL REPORT

ANALYTICAL RESULTS

Prepared by:

Eurofins Lancaster Laboratories Environmental
2425 New Holland Pike
Lancaster, PA 17601

Prepared for:

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

May 16, 2014

Project: 91026

Submittal Date: 03/18/2014

Group Number: 1460029

PO Number: 0015149934

Release Number: FISCHER

State of Sample Origin: CA

Client Sample Description

EA-1-W-140314 NA Water
EA-2-W-140314 NA Water
E-W-140314 NA Water
F-W-140314 NA Water
QA-T-140314 NA Water

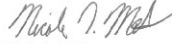
Lancaster Labs (LL) #

7397023
7397024
7397025
7397026
7397027

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

Respectfully Submitted,



Nicole L. Maljovec
Principal Specialist Group Leader

(717) 556-7259

Sample Description: EA-1-W-140314 NA Water
Facility# 91026 BTST
3701 Broadway-Oakland T0600100334

LL Sample # WW 7397023
LL Group # 1460029
Account # 10991

Project Name: 91026

Collected: 03/14/2014 09:15 by JO

Chevron

6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

Submitted: 03/18/2014 09:30

Reported: 05/16/2014 08:12

EA1--

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles SW-846 8260B			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
GC Volatiles SW-846 8015B			ug/l	ug/l	ug/l	
01728	TPH-GRO N. CA water C6-C12	n.a.	N.D.	50	100	1

General Sample Comments

CA ELAP Lab Certification No. 2792; CA NELAP Lab Certification No. 10276CA

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	F140794AA	03/20/2014 17:41	Brett W Kenyon	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F140794AA	03/20/2014 17:41	Brett W Kenyon	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	14078A20A	03/20/2014 00:10	Marie D Beamenderfer	1
01146	GC VOA Water Prep	SW-846 5030B	1	14078A20A	03/20/2014 00:10	Marie D Beamenderfer	1

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

Sample Description: EA-2-W-140314 NA Water
Facility# 91026 BTST
3701 Broadway-Oakland T0600100334

LL Sample # WW 7397024
LL Group # 1460029
Account # 10991

Project Name: 91026

Collected: 03/14/2014 10:25 by JO

Chevron

6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

Submitted: 03/18/2014 09:30

Reported: 05/16/2014 08:12

EA2--

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles SW-846 8260B			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
GC Volatiles SW-846 8015B			ug/l	ug/l	ug/l	
01728	TPH-GRO N. CA water C6-C12	n.a.	N.D.	50	100	1

General Sample Comments

CA ELAP Lab Certification No. 2792; CA NELAP Lab Certification No. 10276CA

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	F140794AA	03/20/2014 18:46	Brett W Kenyon	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F140794AA	03/20/2014 18:46	Brett W Kenyon	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	14078A20A	03/20/2014 00:32	Marie D Beamenderfer	1
01146	GC VOA Water Prep	SW-846 5030B	1	14078A20A	03/20/2014 00:32	Marie D Beamenderfer	1

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

Sample Description: E-W-140314 NA Water
Facility# 91026 BTST
3701 Broadway-Oakland T0600100334

LL Sample # WW 7397025
LL Group # 1460029
Account # 10991

Project Name: 91026

Collected: 03/14/2014 09:50 by JO

Chevron

6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

Submitted: 03/18/2014 09:30

Reported: 05/16/2014 08:12

E----

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles SW-846 8260B			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
GC Volatiles SW-846 8015B			ug/l	ug/l	ug/l	
01728	TPH-GRO N. CA water C6-C12	n.a.	N.D.	50	100	1

General Sample Comments

CA ELAP Lab Certification No. 2792; CA NELAP Lab Certification No. 10276CA

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	F140794AA	03/20/2014 19:08	Brett W Kenyon	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F140794AA	03/20/2014 19:08	Brett W Kenyon	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	14078A20A	03/20/2014 00:54	Marie D Beamenderfer	1
01146	GC VOA Water Prep	SW-846 5030B	1	14078A20A	03/20/2014 00:54	Marie D Beamenderfer	1

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

Sample Description: F-W-140314 NA Water
Facility# 91026 BTST
3701 Broadway-Oakland T0600100334

LL Sample # WW 7397026
LL Group # 1460029
Account # 10991

Project Name: 91026

Collected: 03/14/2014 09:20 by JO

Chevron

6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

Submitted: 03/18/2014 09:30

Reported: 05/16/2014 08:12

F----

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles SW-846 8260B			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
GC Volatiles SW-846 8015B			ug/l	ug/l	ug/l	
01728	TPH-GRO N. CA water C6-C12	n.a.	N.D.	50	100	1

General Sample Comments

CA ELAP Lab Certification No. 2792; CA NELAP Lab Certification No. 10276CA

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	F140831AA	03/24/2014 07:56	Anita M Dale	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F140831AA	03/24/2014 07:56	Anita M Dale	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	14078A20A	03/20/2014 01:16	Marie D Beamenderfer	1
01146	GC VOA Water Prep	SW-846 5030B	1	14078A20A	03/20/2014 01:16	Marie D Beamenderfer	1

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

Sample Description: QA-T-140314 NA Water
Facility# 91026 BTST
3701 Broadway-Oakland T0600100334

LL Sample # WW 7397027
LL Group # 1460029
Account # 10991

Project Name: 91026

Collected: 03/14/2014 08:30

Chevron

Submitted: 03/18/2014 09:30

6001 Bollinger Canyon Rd L4310

Reported: 05/16/2014 08:12

San Ramon CA 94583

QA---

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles SW-846 8260B			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
GC Volatiles SW-846 8015B			ug/l	ug/l	ug/l	
01728	TPH-GRO N. CA water C6-C12	n.a.	N.D.	50	100	1

General Sample Comments

CA ELAP Lab Certification No. 2792; CA NELAP Lab Certification No. 10276CA

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	F140831AA	03/24/2014 07:35	Anita M Dale	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F140831AA	03/24/2014 07:35	Anita M Dale	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	14078A20A	03/19/2014 22:21	Marie D Beamenderfer	1
01146	GC VOA Water Prep	SW-846 5030B	1	14078A20A	03/19/2014 22:21	Marie D Beamenderfer	1

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

Quality Control Summary

Client Name: Chevron
Reported: 05/16/14 at 08:12 AM

Group Number: 1460029

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: F140794AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
7397023	90	97	107	103
7397024	89	99	106	104
7397025	89	95	106	102
Blank	89	96	106	103
LCS	88	96	106	107
MS	89	96	105	105
MSD	88	99	105	107
Limits:	80-116	77-113	80-113	78-113

Analysis Name: UST VOCs by 8260B - Water

Batch number: F140831AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
7397026	89	95	106	103
7397027	89	95	107	103
Blank	88	94	106	104
LCS	87	98	107	106
MS	88	97	105	106
MSD	88	94	106	107
Limits:	80-116	77-113	80-113	78-113

Analysis Name: TPH-GRO N. CA water C6-C12

Batch number: 14078A20A

	Trifluorotoluene-F
7397023	94
7397024	93
7397025	91
7397026	94
7397027	95
Blank	94
LCS	97
LCSD	97
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:

RL	Reporting Limit	BMQL	Below Minimum Quantitation Level
N.D.	none detected	MPN	Most Probable Number
TNTC	Too Numerous To Count	CP Units	cobalt-chloroplatinate units
IU	International Units	NTU	nephelometric turbidity units
umhos/cm	micromhos/cm	ng	nanogram(s)
C	degrees Celsius	F	degrees Fahrenheit
meq	milliequivalents	lb.	pound(s)
g	gram(s)	kg	kilogram(s)
µg	microgram(s)	mg	milligram(s)
mL	milliliter(s)	L	liter(s)
m3	cubic meter(s)	µL	microliter(s)
		pg/L	picogram/liter

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

> greater than

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

ppb parts per billion

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

Data Qualifiers:

C – result confirmed by reanalysis.

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

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers

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

Inorganic Qualifiers

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

Times are local to the area of activity. Parameters listed in the 40 CFR part 136 Table II as “analyze immediately” are not performed within 15 minutes.

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