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10:22 am, May 28, 2010

Alameda County
Environmental Health

Aaron Costa
Project Manager
Marketing Business Unit

**Chevron Environmental
Management Company**
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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 27, 2010.

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 that reads "Aaron Costa".

Aaron Costa
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 27, 2010

Reference No. 311959

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

Re: First Quarter 2010 Groundwater Monitoring and Sampling Report
Former Chevron Station #9-1026
3701 Broadway
Oakland, California
Fuel Leak Case No. RO0500

Dear Mr. Mark Detterman

Conestoga-Rovers & Associates (CRA) is submitting this *First Quarter 2010 Groundwater Monitoring and Sampling Report* on behalf of Chevron Environmental Management Company (Chevron) for the site referenced above. Groundwater monitoring data is being submitted in accordance with the reporting requirements of 23CCR2652d. Presented below are the site background, current monitoring and sampling results, CRA's conclusions and recommendations, and anticipated future activities.

SITE BACKGROUND

Site Description

The site is a former Chevron gasoline service station located on the northwest corner of the intersection of Broadway and MacArthur Boulevard in Oakland, California (Figure 1). Surrounding land use is commercial, retail and residential. Mosswood Public Park is located across MacArthur Boulevard from the site. The first recorded fuel release occurred in 1977. In 1988 the underground storage tanks (USTs) and all associated facilities and piping were removed. In 2006, Kaiser Permanente (Kaiser) began constructing a medical office building with below grade parking on the site. There are currently four active wells offsite; all onsite wells have been destroyed to facilitate Kaiser's construction.

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Employment Opportunity
Employer



Site Geology

The site is located in the East Bay Plain Subbasin of the Santa Clara Valley Groundwater Basin. The East Bay Plain is characterized by westward sloping alluvial fan deposits.¹ The site is approximately 75 feet above mean sea level (ft-amsl), and slopes gently to the south. The site is underlain by a mixture of silts, clays, and occasional layers of sand and gravel to the maximum explored depth of approximately 37 feet below grade (fbg).

Hydrogeology

The site is located in the East Bay Plain Subbasin. The cumulative aquifer thickness in the region is approximately 1,000 feet, consisting of unconsolidated sediments. Groundwater in this region has been designated beneficial for potential commercial, industrial and residential uses.² Depth to groundwater has historically ranged between approximately 8 and 22 fbg. Groundwater flow has been consistently to the southwest at gradients ranging from 0.006 to 0.08. The nearest surface water is Lake Merritt, which is located more than a mile south of the site. A 69-inch storm drain is located west of the site.

RESULTS OF FIRST QUARTER 2010 MONITORING EVENT

Groundwater Monitoring

On March 31, 2010, Blaine Tech Services (Blaine Tech) of San Jose, California monitored and sampled the site wells. Depth to groundwater ranged from 16.53 fbg (E) to 21.61 fbg (EA-1). These groundwater depths are at historic lows. Groundwater flowed to the south at a gradient of 0.08, which is the steepest gradient calculated to date.

Blaine Tech's April 2, 2010 *First Quarter 2010 Monitoring* report is included as Attachment A. Lancaster Laboratories' April 14, 2010 *Analytical Results* report is included as Attachment B. The most recent potentiometric data and total petroleum hydrocarbons as gasoline (TPHg), benzene and methyl tertiary butyl ether (MTBE) concentrations are included on Figure 2.

¹ *California's Groundwater Bulletin 118*; The State of California Department of Water Resources; February 27, 2004.

² Table 2-2 Existing and Potential Beneficial Uses in Groundwater in Identified Basins; *Water Quality Control Plan (Basin Plan) for the San Francisco Bay Basin*; California Regional Water Quality Control Board-San Francisco Bay Region, January 18, 2007.



Current hydrocarbon concentrations are presented in Table A and compared to environmental screening levels (ESLs) where groundwater is a potential source of drinking water.³ The only analyte detected in groundwater was 65 micrograms per liter ($\mu\text{g/L}$) TPHg in well EA-2. This concentration is below the ESL of 100 $\mu\text{g/L}$.

TABLE A: SUMMARY OF ENVIRONMENTAL SCREENING LEVELS						
	TPHg	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE
Groundwater ESLs	100	1	40	30	20	5
E	<50	<0.5	<0.5	<0.5	<0.5	<0.5
F	<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	65 J	<0.5	<0.5	<0.5	<0.5	<0.5
J = Estimated Value						

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.

³ *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.



May 27, 2010

Reference No. 311959

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CONCLUSIONS AND RECOMMENDATIONS

The first quarter 2010 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.

ANTICIPATED FUTURE ACTIVITIES

Groundwater Sampling

Blaine Tech will monitor and sample all site wells annually during the first quarter. CRA will prepare a summary of site conditions and submit the sampling report within 60 days of the sampling date.

Additional Onsite Investigation

On December 30, 2009 CRA submitted a work plan addendum proposing installation of one temporary and three permanent monitoring wells to assess dissolved hydrocarbon concentrations on site. CRA has not received approval to proceed with this work plan.



**CONESTOGA-ROVERS
& ASSOCIATES**

May 27, 2010

Reference No. 311959

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We appreciate the opportunity to work with you on this project. Please contact Nathan Lee at (510) 420-3333 or nlee@croworld.com if you have any questions or comments regarding this report.

Sincerely,

CONESTOGA-ROVERS & ASSOCIATES

Nathan Lee P.G. #8486



CT/doh/5
Encl.

Figure 1	Vicinity Map
Figure 2	Groundwater Elevation and Hydrocarbon Concentration Map
Table 1	Groundwater Monitoring Data and Analytical Results
Table 2	Light Non-Aqueous Phase Liquid Hydrocarbon Thickness/Removal Data
Table 3	Groundwater Analytical Results - Oxygenate Compounds
Attachment A	Blaine Tech's April 2, 2010 <i>First Quarter 2010 Monitoring Report</i>
Attachment B	Lancaster Laboratories' April 14, 2010 <i>Analytical Results Report</i>

cc: Mr. Aaron Costa, Chevron Environmental Management Company
Mr. Gary Bankhead, Kaiser Foundation Hospitals
Heitzinger Associates

FIGURES

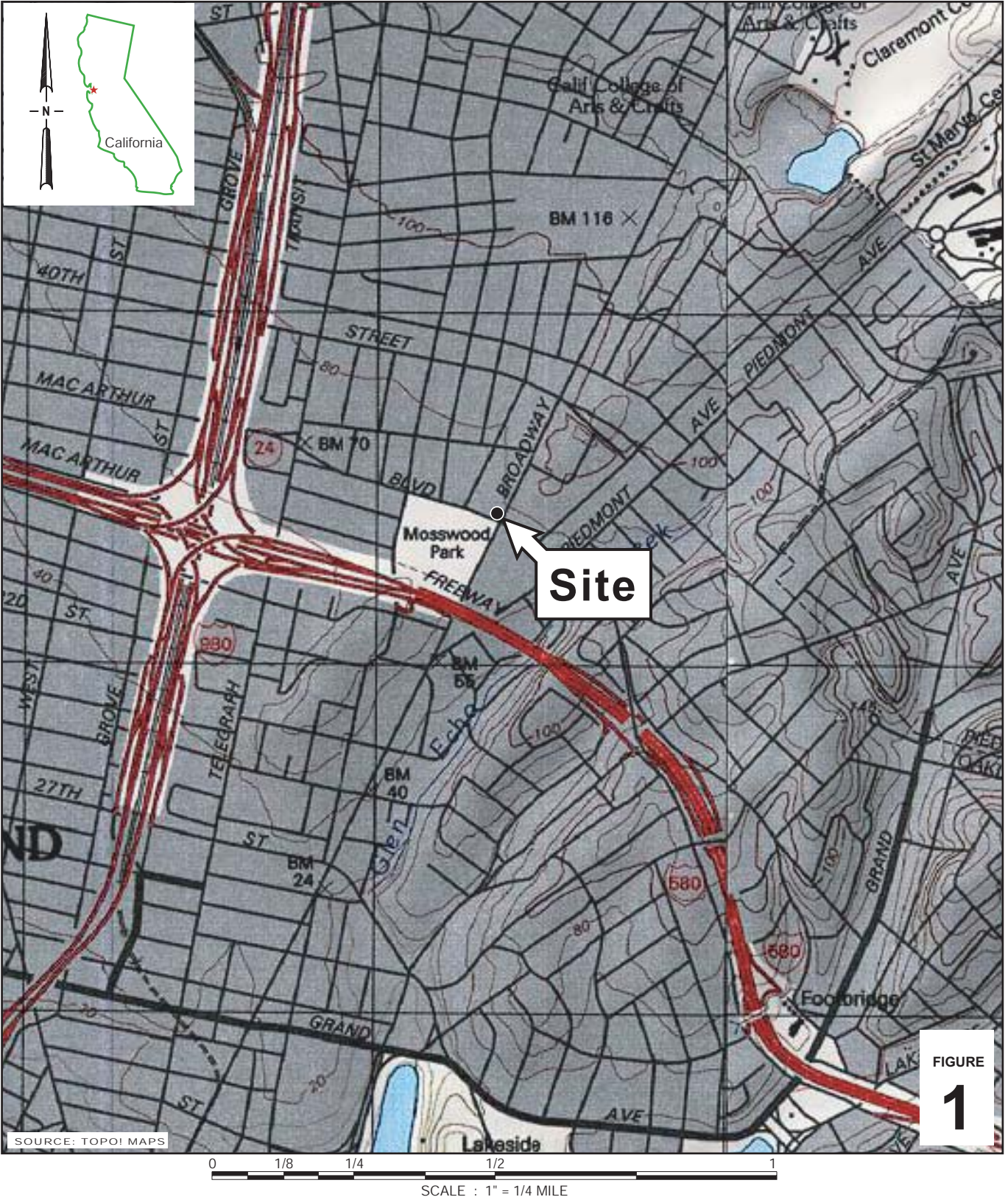


FIGURE
1

Former Chevron Station 9-1026

3701 Broadway
Oakland, California



**CONESTOGA-ROVERS
& ASSOCIATES**

Vicinity Map

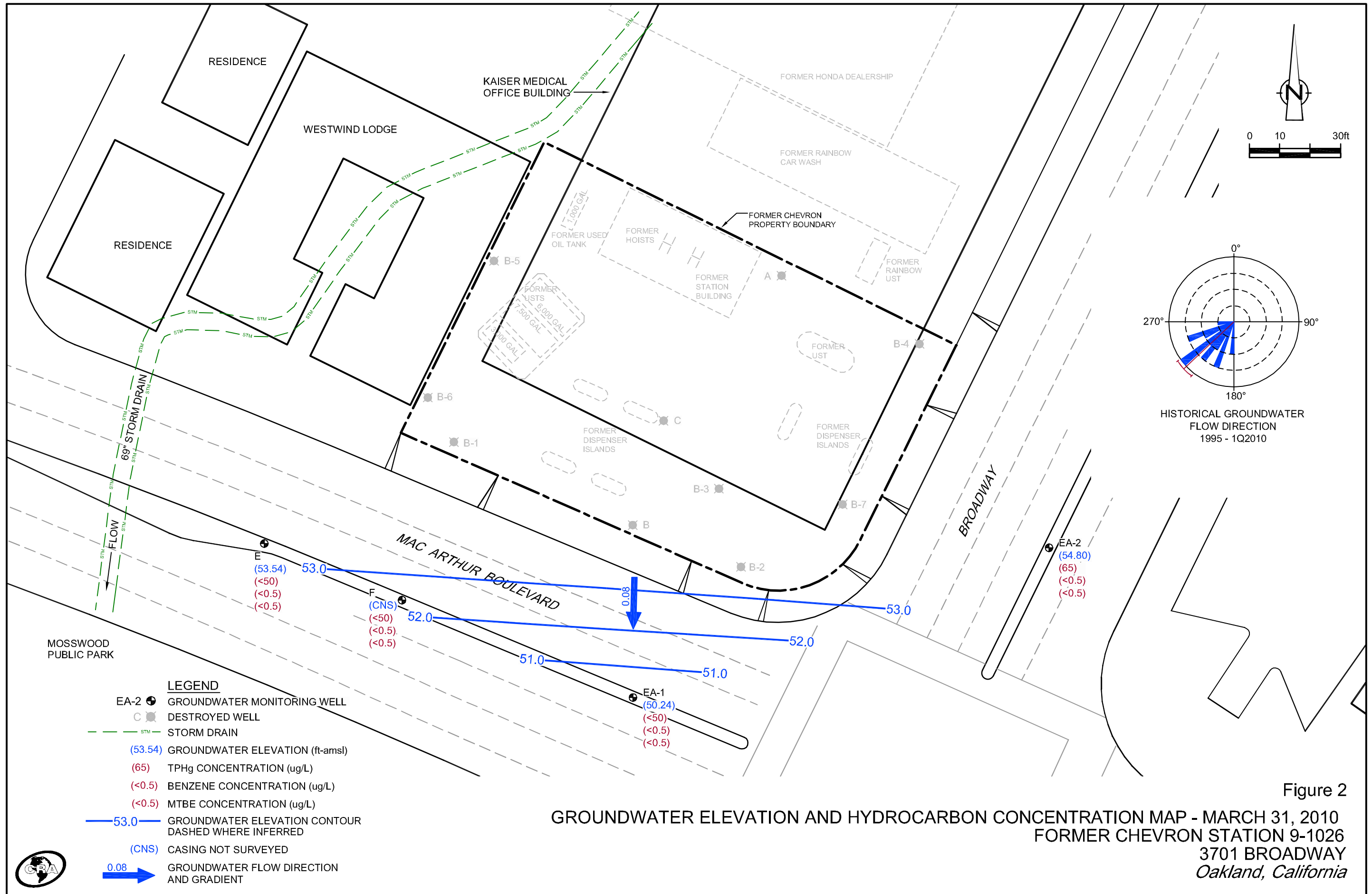


Figure 2

TABLES

TABLE 1

**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				--	--	--	--	--	--

TABLE 1
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 (cont)											
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
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
03/31/10¹²	70.07	53.54	16.53	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	--
05/10/90	72.01	53.03	18.98	--	--	--	--	--	--	--	--

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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)
F (cont)											
08/09/90	72.01	53.06	18.95	--	--	--	--	--	--	--	--
11/13/90	72.01	52.91	19.10	--	--	--	--	--	--	--	--
03/27/91	72.01	--	--	--	--	64	<0.5	<0.5	<0.5	1.0	--
06/19/91	72.01	53.06	18.95	--	--	--	--	--	--	--	--
08/21/91	72.01	<52.07	>19.94	--	--	--	--	--	--	--	--
11/08/91	72.01	<52.07	>19.94	--	--	--	--	--	--	--	--
02/13/92	72.01	53.41	18.60	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
05/01/92	72.01	--	Dry	--	--	--	--	--	--	--	--
11/18/92	71.72	56.87	14.85	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/19/93	71.72	57.47	14.25	--	--	<50	<0.5	<0.5	<0.5	<1.5	--
06/10/93	71.72	57.80	13.92	--	--	<50	<0.5	<0.5	<0.5	<1.5	--
09/08/93	71.72	56.95**	14.80	0.04	--	--	--	--	--	--	--
12/21/93	71.72	58.41	13.31	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/09/94	71.72	58.73	12.99	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/21/94	71.72	55.42	16.30	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/20/94	71.72	59.15	12.57	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/28/95	71.72	62.77	8.95	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/22/95	71.72	57.95	13.77	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/21/95	71.72	58.27	13.45	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/22/96	71.72	60.56	11.16	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
03/06/97	71.72	60.34	11.38	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0

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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)						
F (cont)											
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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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)
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
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	--
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	--	--	--	--	--	--	--

TABLE 1
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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-1 (cont)											
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				--	--	--	--	--	--
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				--	--	--	--	--	--

TABLE 1
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)											
03/17/04 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
03/31/10¹²	71.85	50.24	21.61	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	--
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	--	--	--	--	--	--	--	--

TABLE 1
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)											
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
09/15/98	76.24	--	--	--	--	--	--	--	--	--	--

TABLE 1
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)											
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				--	--	--	--	--	--
03/31/10¹²	76.24	54.80	21.44	0.00	0.00	65 J	<0.5	<0.5	<0.5	<0.5	<0.5

TABLE 1
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)
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		--	--	--	--	--	--	--	--

TABLE 1

**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)
A (cont)											
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 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				--	--	--	--	--	--

TABLE 1

**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)
A (cont)											
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											
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	--	--	--	--	--	--	--

TABLE 1
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)											
06/10/93	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	--	--	--	--	--	--	--	--	--	--
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	--	--	--	--	--	--

TABLE 1
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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)						
B (cont)											
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	--	--	--	--	--	--
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					--

TABLE 1
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 (cont)											
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	--	--	--	--	--	--
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	--	--	--	--	--	--

TABLE 1

**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)											
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	--	--	--	--	--	--
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											

TABLE 1
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											
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	--
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	--

TABLE 1
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)											
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
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

TABLE 1
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)											
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	--

TABLE 1
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)											
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	--	--	--	--	--	--

TABLE 1
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)											
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					--
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	--	--	--	--	--	--

TABLE 1
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)											
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	--	--	--	--	--	--
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

TABLE 1
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.)	<i>LNAPL</i>							
				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)											
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	--	--	--	--	--	--
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	--	--	--	--	--	--

TABLE 1

**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)												
07/19/06	74.52	INACCESSIBLE - WELL GROUTED/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	--	--	--	--	--	--	--	
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	--	--	--	--	--	--	--	

TABLE 1
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)											
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	--	--	--	--	--	--
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

TABLE 1
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)											
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	--
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	--

TABLE 1
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-4 (cont)											
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
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

TABLE 1
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-4 (cont)											
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	--	--	--	--	--	--	--	--	--	--

TABLE 1

**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)											
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-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	--
B-7 (cont)											
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	--

TABLE 1
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)
TRIP BLANK (cont)											
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	--
03/28/95	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/22/95	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--

TABLE 1

**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)
TRIP BLANK (cont)											
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
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

TABLE 1

**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)
QA (cont)											
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
03/31/10¹²	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5

TABLE 1
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)

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 | TPHg = Total Petroleum Hydrocarbons as Gasoline
B = Benzene | (µg/L) = Micrograms per liter
-- = Not Measured/Not Analyzed |
| GWE = Groundwater Elevation
(msl) = Mean sea level | T = Toluene
E = Ethylbenzene | ND = Not Detected |
| DTW = Depth to Water | X = Xylenes | QA = Quality Assurance/Trip Blank |
| LNAPLT = Light Non-Aqueous Phase Liquid Thickness | MTBE = Methyl Tertiary Butyl Ether | |

- * 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.

TABLE 2

LIGHT NON-AQUEOUS PHASE LIQUID HYDROCARBON THICKNESS/REMOVAL DATA
FORMER CHEVRON STATION #9-1026
3701 BROADWAY, OAKLAND, CALIFORNIA

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

TABLE 2

LIGHT NON-AQUEOUS PHASE LIQUID HYDROCARBON THICKNESS/REMOVAL DATA
FORMER CHEVRON STATION #9-1026
3701 BROADWAY, OAKLAND, CALIFORNIA

WELL ID	DATE	DTW (ft.)	SPH Thickness (ft.)	Amount Bailed (Product + Water) (gallons)	
B (cont)	01/12/04	13.06	0.11	0.13 ⁵	
	02/10/04	13.46	0.09	0.01	
	03/14/04 ⁴	12.85	0.08	0.01	
	04/09/04 ⁴	13.54	0.02	1.51	
	05/11/04 ⁴	13.60	0.01	-- ⁶	
	06/21/04 ⁴	14.46	0.07	0.03 ⁵	
	07/09/04 ⁴	14.58	0.02	1.02	
	08/10/04 ⁴	14.87	0.02	0.51	
	09/16/04 ⁴	14.85	0.03	0.52	
	10/12/04 ⁴	15.28	0.13	0.03	
	11/12/04	14.75	0.02	0.52	
	12/08/04	14.68	0.02	0.53	
	01/25/05	14.25	0.02	0.53	
	02/11/05	14.30	0.02	0.52	
	03/31/05	12.07	0.03	1.03	
	04/26/05	12.10	0.02	1.02	
	05/13/05	12.48	0.02	1.02	
	06/28/05	12.37	0.03	1.02	
	07/15/05	13.25	0.02	1.52	
	08/19/05	13.76	0.02	1.02	
	09/26/05	14.43	0.02	1.02	
	10/17/05	14.47	0.02	1.01	
	11/18/05	14.80	0.02	1.52	
	12/12/05	13.81	0.02	1.01	
	01/24/06	13.70	0.01	1.01	
	02/10/06	13.78	0.01	1.01	
	03/31/06	12.01	0.02	1.51	
	04/14/06	12.02	0.01	1.00 ⁷	
	05/12/06	12.38	0.02	1.00 ⁸	
	06/12/06	13.03	0.02	1.00 ⁸	
	07/19/06	INACCESSIBLE - WELL GROUTED/PLUGGED DESTROYED - JULY 2006			

TABLE 2

LIGHT NON-AQUEOUS PHASE LIQUID HYDROCARBON THICKNESS/REMOVAL DATA
FORMER CHEVRON STATION #9-1026
3701 BROADWAY, OAKLAND, CALIFORNIA

WELL ID	DATE	DTW (ft.)	SPH Thickness (ft.)	Amount Bailed (Product + Water) (gallons)
B-2	08/28/00	15.80	0.49	0.26
	03/22/01	13.77	0.30	0.07
	07/09/01 ¹	16.12	0.13	0.21 ⁴
	08/06/01 ²	16.23	0.02	0.00
	09/04/01 ²	16.28	0.03	0.00
	10/08/01 ²	16.57	0.03	0.01
	11/12/01 ²	16.46	0.01	0.00
	12/26/01 ²	13.40	0.00	0.00
	01/25/02 ²	14.35	0.00	0.00
	02/05/02 ²	14.47	0.00	0.00
	03/18/02 ²	14.14	0.00	0.00
	04/27/02 ²	15.06	0.00	0.26 ³
	05/20/02 ²	15.46	0.00	0.26 ³
	06/17/02 ²	15.70	0.00	0.13 ³
	07/01/02 ²	15.77	0.00	0.00
	08/19/02 ²	16.18	0.00	0.00
	09/23/02 ²	16.31	0.01	0.00
	10/21/02 ²	16.45	0.01	0.00
	11/26/02 ²	16.48	0.00	0.00
	12/26/02 ²	15.06	0.00	0.00
	02/05/03 ²	14.87	0.00	0.00
	03/01/03 ⁴	14.95	0.00	0.00
	03/25/03	14.30	0.00	0.00
	04/21/03	13.76	0.00	0.00
	05/26/03	14.40	0.00	0.00
	06/16/03	14.75	0.00	0.00
	07/17/03	15.14	0.00	0.00
	08/11/03	15.36	0.00	0.00
	09/23/03	15.70	0.00	0.00
	10/13/03	15.93	0.00	0.00
	11/24/03	15.90	0.00	0.00
	12/15/03	15.55	0.00	0.00
01/12/04	14.04	0.00	0.00	

TABLE 2

LIGHT NON-AQUEOUS PHASE LIQUID HYDROCARBON THICKNESS/REMOVAL DATA
FORMER CHEVRON STATION #9-1026
3701 BROADWAY, OAKLAND, CALIFORNIA

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

TABLE 2

**LIGHT NON-AQUEOUS PHASE LIQUID HYDROCARBON THICKNESS/REMOVAL DATA
FORMER CHEVRON STATION #9-1026
3701 BROADWAY, OAKLAND, CALIFORNIA**

<i>WELL ID</i>	<i>DATE</i>	<i>DTW</i> <i>(ft.)</i>	<i>SPH</i> <i>Thickness</i> <i>(ft.)</i>	<i>Amount Bailed</i> <i>(Product + Water)</i> <i>(gallons)</i>
B-3	08/28/00	14.41	0.02	0.26
	03/22/01	12.07	0.00	0.00
	09/04/01	15.47	0.00	0.00
	03/18/02	12.06	0.00	0.00
	09/23/02	14.96	0.00	0.00
	03/25/03	12.97	0.00	0.00
	09/23/03	14.81	0.00	0.00
	03/17/04	12.10	0.00	0.00
	09/16/04	15.09	0.00	0.00
	03/31/05	11.12	0.00	0.00
	09/26/05	14.69	0.00	0.00
	03/31/06	11.08	0.00	0.00

EXPLANATIONS:

DTW = Depth to Water

(ft.) = Feet

LNAPL = Light Non-Aqueous Phase Liquid hydrocarbons

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

TABLE 3

GROUNDWATER ANALYTICAL RESULTS - OXYGENATE COMPOUNDS
FORMER CHEVRON STATION #9-1026
3701 BROADWAY, OAKLAND, CALIFORNIA

WELL ID	DATE	ETHANOL (µg/L)	TBA (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)
E	03/18/02	<500	<100	<2	<2	<2	<2	<2	<2
	09/23/03	SAMPLED ANNUALLY		--	--	--	--	--	--
	03/17/04	INACCESSIBLE - PAVED OVER			--	--	--	--	--
	03/31/05	INACCESSIBLE - PAVED OVER			--	--	--	--	--
	03/23/07	--	--	<0.5	--	--	--	--	--
	03/18/08	--	--	<0.5	--	--	--	--	--
	03/03/09	--	--	<0.5	--	--	--	--	--
	03/31/10	--	--	<0.5	--	--	--	--	--
F	03/18/02	<500	<100	<2	<2	<2	<2	<2	<2
	09/23/03	SAMPLED ANNUALLY		--	--	--	--	--	--
	03/17/04	INACCESSIBLE - PAVED OVER			--	--	--	--	--
	03/31/05	INACCESSIBLE - PAVED OVER			--	--	--	--	--
	03/23/07	--	--	<0.5	--	--	--	--	--
	03/18/08	--	--	<0.5	--	--	--	--	--
	03/03/09	--	--	<0.5	--	--	--	--	--
	03/31/10	--	--	<0.5	--	--	--	--	--
EA-1	03/18/02	<500	<100	<2	<2	<2	<2	<2	<2
	09/23/03	SAMPLED ANNUALLY		--	--	--	--	--	--
	03/17/04	--	--	0.6	--	--	--	--	--
	03/31/05	--	--	<0.5	--	--	--	--	--
	03/31/06	--	--	<0.5	--	--	--	--	--

TABLE 3

**GROUNDWATER ANALYTICAL RESULTS - OXYGENATE COMPOUNDS
FORMER CHEVRON STATION #9-1026
3701 BROADWAY, OAKLAND, CALIFORNIA**

<i>WELL ID</i>	<i>DATE</i>	<i>ETHANOL</i> ($\mu\text{g/L}$)	<i>TBA</i> ($\mu\text{g/L}$)	<i>MTBE</i> ($\mu\text{g/L}$)	<i>DIPE</i> ($\mu\text{g/L}$)	<i>ETBE</i> ($\mu\text{g/L}$)	<i>TAME</i> ($\mu\text{g/L}$)	<i>1,2-DCA</i> ($\mu\text{g/L}$)	<i>EDB</i> ($\mu\text{g/L}$)
EA-1 (cont)	03/23/07	--	--	<0.5	--	--	--	--	--
	03/18/08	--	--	<0.5	--	--	--	--	--
	03/03/09	--	--	<0.5	--	--	--	--	--
	03/31/10	--	--	<0.5	--	--	--	--	--
EA-2	03/18/02	<500	<100	<2	<2	<2	<2	<2	<2
	09/23/03	SAMPLED ANNUALLY		--	--	--	--	--	--
	03/17/04	--	--	0.7	--	--	--	--	--
	03/31/05	--	--	<0.5	--	--	--	--	--
	03/31/06	--	--	<0.5	--	--	--	--	--
	03/23/07	--	--	<0.5	--	--	--	--	--
	03/18/08	--	--	<0.5	--	--	--	--	--
	03/03/09	INACCESSIBLE		--	--	--	--	--	--
	03/31/10	--	--	<0.5	--	--	--	--	--
B-1	09/04/01	<500	<100	<2	<2	<2	<2	<2	<2
	09/23/03	--	--	<0.5	--	--	--	--	--
	03/17/04	--	--	<0.5	--	--	--	--	--
	09/16/04	--	--	<0.5	--	--	--	--	--
	03/31/05	--	--	<0.5	--	--	--	--	--
	09/26/05	--	--	<0.5	--	--	--	--	--
	03/31/06	--	--	<0.5	--	--	--	--	--
	DESTROYED - JULY 2006								

TABLE 3

**GROUNDWATER ANALYTICAL RESULTS - OXYGENATE COMPOUNDS
FORMER CHEVRON STATION #9-1026
3701 BROADWAY, OAKLAND, CALIFORNIA**

<i>WELL ID</i>	<i>DATE</i>	<i>ETHANOL</i> ($\mu\text{g/L}$)	<i>TBA</i> ($\mu\text{g/L}$)	<i>MTBE</i> ($\mu\text{g/L}$)	<i>DIPE</i> ($\mu\text{g/L}$)	<i>ETBE</i> ($\mu\text{g/L}$)	<i>TAME</i> ($\mu\text{g/L}$)	<i>1,2-DCA</i> ($\mu\text{g/L}$)	<i>EDB</i> ($\mu\text{g/L}$)
B-2	09/23/03	--	--	220	--	--	--	--	--
	03/17/04	--	--	170	--	--	--	--	--
	09/16/04	--	--	220	--	--	--	--	--
	03/31/05	--	--	130	--	--	--	--	--
	09/26/05	--	--	170	--	--	--	--	--
	03/31/06	--	--	130	--	--	--	--	--
	DESTROYED - JULY 2006								
B-3	09/04/01	<2,500	890	<25	<25	<25	<25	720	<25
	09/23/03	--	--	<500	--	--	--	--	--
	03/17/04	--	--	<10	--	--	--	--	--
	09/16/04	--	--	11	--	--	--	--	--
	03/31/05	--	--	<13	--	--	--	--	--
	09/26/05	--	--	<25	--	--	--	--	--
	03/31/06	--	--	7	--	--	--	--	--
DESTROYED - JULY 2006									
B-4	09/04/01	<500	560	<3	<3	<3	<3	200	<3
	09/23/03	--	--	<250	--	--	--	--	--
	03/17/04	--	--	4	--	--	--	--	--
	09/16/04	--	--	<5	--	--	--	--	--
	03/31/05	--	--	<3	--	--	--	--	--

TABLE 3

**GROUNDWATER ANALYTICAL RESULTS - OXYGENATE COMPOUNDS
FORMER CHEVRON STATION #9-1026
3701 BROADWAY, OAKLAND, CALIFORNIA**

<i>WELL ID</i>	<i>DATE</i>	<i>ETHANOL</i> ($\mu\text{g/L}$)	<i>TBA</i> ($\mu\text{g/L}$)	<i>MTBE</i> ($\mu\text{g/L}$)	<i>DIPE</i> ($\mu\text{g/L}$)	<i>ETBE</i> ($\mu\text{g/L}$)	<i>TAME</i> ($\mu\text{g/L}$)	<i>1,2-DCA</i> ($\mu\text{g/L}$)	<i>EDB</i> ($\mu\text{g/L}$)
B-4 (cont)	09/26/05	--	--	<5	--	--	--	--	--
	03/31/06	--	--	0.6	--	--	--	--	--
	DESTROYED - JULY 2006								
A	09/23/03	SAMPLED ANNUALLY		--	--	--	--	--	--
	03/17/04	INACCESSIBLE - DUE TO TRAILER PARKED OVER WELL				--	--	--	--
	03/31/05	--	--	<0.5	--	--	--	--	--
	03/31/06	--	--	<0.5	--	--	--	--	--
	DESTROYED - JULY 2006								
B	09/23/03	NOT SAMPLED DUE TO PRESENCE OF LNAPL				--	--	--	--
	03/17/04	NOT SAMPLED DUE TO PRESENCE OF LNAPL				--	--	--	--
	09/16/04	NOT SAMPLED DUE TO PRESENCE OF LNAPL				--	--	--	--
	03/31/05	NOT SAMPLED DUE TO PRESENCE OF LNAPL				--	--	--	--
	09/26/05	NOT SAMPLED DUE TO PRESENCE OF LNAPL				--	--	--	--
	03/31/06	NOT SAMPLED DUE TO PRESENCE OF LNAPL				--	--	--	--
	DESTROYED - JULY 2006								

TABLE 3

**GROUNDWATER ANALYTICAL RESULTS - OXYGENATE COMPOUNDS
FORMER CHEVRON STATION #9-1026
3701 BROADWAY, OAKLAND, CALIFORNIA**

<i>WELL ID</i>	<i>DATE</i>	<i>ETHANOL</i> ($\mu\text{g/L}$)	<i>TBA</i> ($\mu\text{g/L}$)	<i>MTBE</i> ($\mu\text{g/L}$)	<i>DIPE</i> ($\mu\text{g/L}$)	<i>ETBE</i> ($\mu\text{g/L}$)	<i>TAME</i> ($\mu\text{g/L}$)	<i>1,2-DCA</i> ($\mu\text{g/L}$)	<i>EDB</i> ($\mu\text{g/L}$)
----------------	-------------	---------------------------------------	-----------------------------------	------------------------------------	------------------------------------	------------------------------------	------------------------------------	---------------------------------------	-----------------------------------

EXPLANATIONS:

TBA = t-Butyl alcohol

MTBE = Methyl Tertiary Butyl Ether

DIPE = di-Isopropyl ether

ETBE = Ethyl t-butyl ether

TAME = t-Amyl methyl ether

1,2-DCA = 1,2-Dichloroethane

EDB = 1,2-Dibromoethane

($\mu\text{g/L}$) = Micrograms per liter

-- = Not Analyzed

LNAPL = Light Non-Aqueous Phase Liquid hydrocarbons

ANALYTICAL METHOD:

EPA Method 8260 for Oxygenate Compounds

ATTACHMENT A

BLAINE TECH'S APRIL 2, 2010 *FIRST QUARTER 2010 MONITORING REPORT*



April 2, 2010

Chevron Environmental Management Company
Aaron Costa
6111 Bollinger Canyon Rd.
San Ramon, CA 94583

First Quarter 2010 Monitoring at
Chevron Service Station 91026
3701 Broadway
Oakland, CA

Monitoring performed on March 31, 2010

Blaine Tech Services, Inc. Groundwater Monitoring Event 100331-FS2

This submission covers the routine monitoring of groundwater wells conducted on March 31, 2010 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 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

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: Brandon Wilken
5900 Hollis St. Suite A
Emeryville, CA 94608

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

SAN JOSE

SACRAMENTO

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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 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 # 100331-FS2 Date 3-31-10 Client CHEVRON

Site 3701 BROADWAY OAKLAND, CA

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	1145	2					16.53	32.40	TOC	
F	1220	2					19.68	29.00	↓	
EA-1	1142	4				21.61	27.43			
EA-2	1317	4				21.44	29.33			

CHEVRON WELL MONITORING DATA SHEET

Project #: 100331-FS2	Station #: 9-1026 3701 BROADWAY OAKLAND, CA
Sampler: F3	Date: 3-31-10
Weather: CLOUDY	Ambient Air Temperature: 60°F
Well I.D.: E	Well Diameter: 2 3 4 6 8
Total Well Depth: 32.40	Depth to Water: 16.53
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]: 19.70	

Purge Method: Bailer Waterra Peristaltic Extraction Pump Other _____

Disposable Bailer Positive Air Displacement Electric Submersible

Sampling Method: Bailer Disposable Bailer Extraction Port Dedicated Tubing Other _____

2.6 (Gals.) X 3 = 7.8 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 ² * 0.163

Time	Temp (°F)	pH	Cond. (mS or μ S)	Turbidity (NTUs)	Gals. Removed	Observations
1153	62.8	6.9	1043	>1000	2.6	
1156	64.2	6.5	1047	>1000	5.2	
1200	63.5	6.5	1045	>1000	7.8	

Did well dewater? Yes No Gallons actually evacuated: 7.8

Sampling Date: 3-31-10 Sampling Time: 1210 Depth to Water: 17.21

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

Analyzed for: TPH-G BTEX MTBE OXYS Other:

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

CHECK-IN WELL MONITORING DATA SHEET

Project #: 100331-FS2	Station #: 9-1026 3701 BROADWAY OAKLAND, CA
Sampler: F ₃	Date: 3-31-10
Weather: SUNNY	Ambient Air Temperature: 63°F
Well I.D.: F	Well Diameter: (2) 3 4 6 8
Total Well Depth: 29.00	Depth to Water: 19.68
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]: 21.54	

Purge Method: Bailer Disposable Bailer Positive Air Displacement Electric Submersible

Sampling Method: Waterra Disposable Bailer Extraction Port Dedicated Tubing

Peristaltic Extraction Pump Other: _____

1.5 (Gals.) X	3	= 4.5 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 μ S)	Turbidity (NTUs)	Gals. Removed	Observations
1227	62.7	6.8	1131	321	1.5	
1229	64.2	6.5	1124	745	3.0	
1231	64.4	6.5	1120	>1000	4.5	

Did well dewater? Yes No Gallons actually evacuated: 4.5 (TRAFFIC)

Sampling Date: 3-31-10 Sampling Time: 1235 Depth to Water: 21.54 ^{23.16}

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

Analyzed for: (TPH-G) (BTEX) (MTBE) OXYS Other: _____

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 #: 100331-FS2	Station #: 9-1026 3701 BROADWAY OAKLAND, CA
Sampler: FS	Date: 3-31-10
Weather: CLOUDY	Ambient Air Temperature: 65°F
Well I.D.: EA-1	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: 27.43	Depth to Water: 21.61
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]: 22.77	

Purge Method: Bailer Waterra Disposable Bailer Extraction Port Dedicated Tubing Electric Submersible Other _____

Sampling Method: Bailer Disposable Bailer Extraction Port Dedicated Tubing Other _____

3.9 (Gals.) X 3 = 10.8 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 ² * 0.163

Time	Temp (°F)	pH	Cond. (mS or <u>µS</u>)	Turbidity (NTUs)	Gals. Removed	Observations
1250	65.0	7.2	803	182	3.8	
1251	66.0	6.9	807	250	7.6	
1253	66.4	6.8	798	70	10.8	

Did well dewater? Yes No Gallons actually evacuated: 10.8

Sampling Date: 3-31-10 Sampling Time: 1300 Depth to Water: 21.70

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

Analyzed for: TPH-G BTEX MTBE OXYS Other: _____

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

CHECKOUT WELL MONITORING DATA SHEET

Project #: 100331-FS2	Station #: 9-1026 3701 BROADWAY OAKLAND, CA
Sampler: FS	Date: 3-31-10
Weather: CLOUDY	Ambient Air Temperature: 62°F
Well I.D.: EA-2	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: 29.33	Depth to Water: 21.44
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]: 23.01	

Purge Method: Bailer Waterra Disposable Bailer
 Disposable Bailer Peristaltic Extraction Port
 Positive Air Displacement Extraction Pump Dedicated Tubing
 Electric Submersible Other _____ Other: _____

5.2 (Gals.) X 3 = 15.6 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 <u>µS</u>)	Turbidity (NTUs)	Gals. Removed	Observations
1323	64.7	6.9	765	460	5.2	ODOR
<u>1324</u>	<u>66.1</u>	<u>6.8</u>	<u>761</u>	490 ¹⁹⁰	10.4	
—	WELL	DEWATERED		@ 10.4	GALLONS	
1330	66.2	6.8	764	155	—	

Did well dewater? Yes No Gallons actually evacuated: 10.4

Sampling Date: 3-31-10 Sampling Time: 13.30 Depth to Water: 26.60 (TRAFFIC)

Sample I.D.: EA-2 Laboratory: Lancaster Other _____

Analyzed for: TPH-G BTEX MTBE OXYS Other: _____

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** of (

Chevron Site Number: 91026
 Chevron Site Global ID: I0600100334
 Chevron Site Address: 3701 Broadway, Oakland, CA
 Chevron PM: AARON COSTA
 Chevron PM Phone No.: (925)543-2961
 Retail and Terminal Business Unit (RTBU) Job
 Construction/Retail Job

Chevron Consultant: CRA
 Address: 5900 Hollis St. Suite A Emeryville, CA
 CA Consultant Contact: Charlotte Evans
 Consultant Phone No. 510-420-3351
 Consultant Project No. 100331 - F51
 Sampling Company: Blaine Tech Services
 Sampled By (Print): F. Spivert
 Sampler Signature:

Charge Code: NWRTB-0091026-0-OML
 NWRTB 00SITE NUMBER-0- WB5
VBS ELEMENTS:
 SITE ASSESSMENT: A1L REMEDIATION IMPLEMENTATION: R5L
 SITE MONITORING: OML OPERATION MAINTENANCE & MONITORING: M1L

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

Temp. Blank Check Time
 1200 0.0
 1300 0.0
 1400 0.0

THIS IS A LEGAL DOCUMENT. ALL FIELDS MUST BE FILLED OUT CORRECTLY AND COMPLETELY.

SAMPLE ID			Sample Time	# of Containers	Container Type
Field Point Name	Matrix	Top Depth	Date (yyymmdd)		
E	W		100331	6	VOCS
F			1210		
EA-1			1235		
EA-2			1300		
BA			1330		
			1200	2	

ANALYSES REQUIRED

EPA 8015B GRO <input checked="" type="checkbox"/> DRO <input type="checkbox"/> ORO <input type="checkbox"/> HC SCREEN <input type="checkbox"/>	EPA 8021B BTEX <input type="checkbox"/> MTBE <input type="checkbox"/>	EPA 6010 Ca, Fe, K, Mg, Mn, Na	EPA 6010/7000 TITLE 22 METALS <input type="checkbox"/> TLC <input type="checkbox"/> STLC <input type="checkbox"/>	EPA 150.1 PH <input type="checkbox"/>	EPA 310.1 ALKALINITY <input type="checkbox"/>	SM2510B SPECIFIC CONDUCTIVITY	EPA 418.1 TRPH <input type="checkbox"/>	EPA 413.1 OIL & GREASE <input type="checkbox"/>	Preservation Codes
--	---	--------------------------------	---	---------------------------------------	---	-------------------------------	---	---	--------------------

H = HCL T = Thiosulfate
 N = HNO3 B = NaOH
 S = H2SO4 O = Other

Special Instructions
 Must meet lowest detection limits possible for 8260 Compounds

Notes/Comments

Relinquished By: Company: ETS Date/Time: 1/30 3:31-10
 Relinquished By: Company: ETS Date/Time: 4/1/10 1450
 Relinquished By: Company: ETS Date/Time: 4/1/10 1450

Relinquished To: Company: Lancaster CA
 Relinquished To: Company: Lancaster CA

Turnaround Time: Standard 24 Hours 48 hours 72 hours Other

Sample Integrity: (Check by lab on arrival)
 Intact: On Ice: Temp: COC #

WELLHEAD INSPECTION CHECKLIST

Client CHEVRON Date 3-31-16

Site Address 3701 BROADWAY OAKLAND, CA

Job Number 100331-FS2 Technician FS

Well ID	Well Inspected - No Corrective Action Required	WELL IS SECURABLE BY DESIGN (12" or less)	WELL IS CLEARLY MARKED WITH THE WORDS "MONITORING WELL" (12" or less)	Water Bailed From Wellbox	Wellbox Components Cleaned	Cap Replaced	Lock Replaced	Other Action Taken (explain below)	Well Not Inspected (explain below)	Repair Order Submitted
E								✓	✓	✓
F		✓	YES	✓						✓
EA-1	✓	✓	YES							
EA-2		✓	YES			✓				

NOTES: F, 1/2 TABS STRIPPED, NEED NEW SEAL 8" EMCO
E, NO EID (WELL COLD PATCHED PER CLIENT REQUEST)
F - WELLBOX RIM IS STARTING TO CRACK/BECOME LOOSE FROM SKIRT

CHEVRON-NORTHERN CALIFORNIA TYPE A BILL OF LADING

SOURCE RECORD **BILL OF LADING**

FOR NON-HAZARDOUS PURGEWATER RECOVERED FROM GROUNDWATER WELLS AT CHEVRON FACILITIES IN THE STATE OF CALIFORNIA. THE NON-HAZARDOUS PURGE- WATER WHICH HAS BEEN RECOVERED FROM GROUND- WATER WELLS IS COLLECTED BY THE CONTRACTOR, MADE UP INTO LOADS OF APPROPRIATE SIZE AND HAULED BY IWM TO THEIR FACILITY IN SAN JOSE, CALIFORNIA.

The contractor performing this work is BLAINE TECH SERVICES, INC. (BTS), 1680 Rogers Ave. San Jose CA (408)573-0555). Blaine Tech Services, Inc. is authorized by CHEVRON PRODUCTS COMPANY (CHEVRON) to recover, collect, apportion into loads, and haul the Non-Hazardous Well Purgewater that is drawn from wells at the CHEVRON facility indicated below and to deliver that purgewater to BTS. Transport routing of the Non-Hazardous Well Purgewater may be direct from one Chevron facility to BTS; from one Chevron facility to BTS via another Chevron facility; or any combination thereof. The Non-Hazardous Well Purgewater is and remains the property of CHEVRON.

This Source Record **BILL OF LADING** was initiated to cover the recovery of Non-Hazardous Well Purgewater from wells at the Chevron facility described below:


9-1026	AARON COSTA		
CHEVRON #	Chevron Engineer		
3701 BROADWAY	OAKLAND, CA		
street number	street name	city	state

WELL I.D.	GALS.	WELL I.D.	GALS.
E	7.8	/	
F	4.5	/	
EA-1	10.8	/	
EA-2	10.4	/	
/		/	
/		/	
/		/	
/		/	
/		/	


added equip. /
rinse water / 6.5
any other adjustments /

TOTAL GALS. RECOVERED 40
loaded onto BTS vehicle # 87

BTS event # 00331-FS2 time 1400 date 3/31/10

signature 

REC'D AT BTS time 1700 date 3/31/10

unloaded by signature 

COPY

ATTACHMENT B

LANCASTER LABORATORIES' APRIL 14, 2010 *ANALYTICAL RESULTS* REPORT

ANALYTICAL RESULTS

Prepared for:

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

925-842-8582

Prepared by:

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

April 14, 2010

Project: 91026

Samples arrived at the laboratory on Monday, April 05, 2010. The PO# for this group is 0015059082 and the release number is COSTA. The group number for this submittal is 1188833.

<u>Client Sample Description</u>	<u>Lancaster Labs (LLI) #</u>
E-W-100331 NA Water	5945326
F-W-100331 NA Water	5945327
EA-1-W-100331 NA Water	5945328
EA-2-W-100331 NA Water	5945329
QA-T-100331 NA Water	5945330

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

ELECTRONIC COPY TO
ELECTRONIC COPY TO

Chevron c/o CRA
CRA

Attn: Report Contact

Attn: Charlotte Evans

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

Respectfully Submitted,



Sarah Snyder
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: E-W-100331 NA Water
Facility #91026 BTST
3701 Broadway-Oakland T0600100334 E

LLI Sample # WW 5945326
LLI Group # 1188833
CA

Project Name: 91026

Collected: 03/31/2010 12:10 by FS

Account Number: 10991

Submitted: 04/05/2010 09:00

Chevron

Reported: 04/14/2010 at 13:36

6001 Bollinger Canyon Rd L4310

Discard: 05/15/2010

San Ramon CA 94583

BOE--

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

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	P101031AA	04/13/2010 19:00	Florida A Cimino	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	P101031AA	04/13/2010 19:00	Florida A Cimino	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	10096A07A	04/06/2010 21:43	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	10096A07A	04/06/2010 21:43	Marie D John	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-100331 NA Water
Facility #91026 BTST
3701 Broadway-Oakland T0600100334 F

LLI Sample # WW 5945327
LLI Group # 1188833
CA

Project Name: 91026

Collected: 03/31/2010 12:35 by FS

Account Number: 10991

Submitted: 04/05/2010 09:00
Reported: 04/14/2010 at 13:36
Discard: 05/15/2010

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

BOF--

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

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	P101031AA	04/13/2010 20:43	Florida A Cimino	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	P101031AA	04/13/2010 20:43	Florida A Cimino	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	10096A07A	04/06/2010 22:10	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	10096A07A	04/06/2010 22:10	Marie D John	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: EA-1-W-100331 NA Water
Facility #91026 BTST
3701 Broadway-Oakland T0600100334 EA-1

LLI Sample # WW 5945328
LLI Group # 1188833
CA

Project Name: 91026

Collected: 03/31/2010 13:00 by FS

Account Number: 10991

Submitted: 04/05/2010 09:00
Reported: 04/14/2010 at 13:36
Discard: 05/15/2010

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

BOEA1

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

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	P101031AA	04/13/2010 21:04	Florida A Cimino	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	P101031AA	04/13/2010 21:04	Florida A Cimino	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	10096A07A	04/06/2010 22:37	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	10096A07A	04/06/2010 22:37	Marie D John	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: EA-2-W-100331 NA Water
Facility #91026 BTST
3701 Broadway-Oakland T0600100334 EA-2

LLI Sample # WW 5945329
LLI Group # 1188833
CA

Project Name: 91026

Collected: 03/31/2010 13:30 by FS

Account Number: 10991

Submitted: 04/05/2010 09:00
Reported: 04/14/2010 at 13:36
Discard: 05/15/2010

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

BOEA2

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.	65 J	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	P101031AA	04/13/2010 19:21	Florida A Cimino	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	P101031AA	04/13/2010 19:21	Florida A Cimino	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	10096A07A	04/06/2010 23:03	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	10096A07A	04/06/2010 23:03	Marie D John	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-100331 NA Water
Facility #91026 BTST
3701 Broadway-Oakland T0600100334 QA

LLI Sample # WW 5945330
LLI Group # 1188833
CA

Project Name: 91026

Collected: 03/31/2010 12:00

Account Number: 10991

Submitted: 04/05/2010 09:00

Chevron

Reported: 04/14/2010 at 13:36

6001 Bollinger Canyon Rd L4310

Discard: 05/15/2010

San Ramon CA 94583

BOQA-

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

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	D100963AA	04/06/2010 23:31	Florida A Cimino	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	D100963AA	04/06/2010 23:31	Florida A Cimino	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	10096A07A	04/06/2010 19:03	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	10096A07A	04/06/2010 19:03	Marie D John	1

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

Quality Control Summary

 Client Name: Chevron
 Reported: 04/14/10 at 01:36 PM

Group Number: 1188833

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: D100963AA	Sample number(s): 5945330								
Benzene	N.D.	0.5	1	ug/l	108		79-120		
Ethylbenzene	N.D.	0.5	1	ug/l	110		79-120		
Methyl Tertiary Butyl Ether	N.D.	0.5	1	ug/l	113		76-120		
Toluene	N.D.	0.5	1	ug/l	108		79-120		
Xylene (Total)	N.D.	0.5	1	ug/l	115		80-120		
Batch number: P101031AA	Sample number(s): 5945326-5945329								
Benzene	N.D.	0.5	1	ug/l	98		79-120		
Ethylbenzene	N.D.	0.5	1	ug/l	92		79-120		
Methyl Tertiary Butyl Ether	N.D.	0.5	1	ug/l	104		76-120		
Toluene	N.D.	0.5	1	ug/l	95		79-120		
Xylene (Total)	N.D.	0.5	1	ug/l	93		80-120		
Batch number: 10096A07A	Sample number(s): 5945326-5945330								
TPH-GRO N. CA water C6-C12	N.D.	50.	100	ug/l	109	109	75-135	0	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: D100963AA	Sample number(s): 5945330 UNSPK: P945332								
Benzene	105	105	80-126	0	30				
Ethylbenzene	106	106	71-134	0	30				
Methyl Tertiary Butyl Ether	104	104	72-126	0	30				
Toluene	104	105	80-125	1	30				
Xylene (Total)	110	111	79-125	1	30				
Batch number: P101031AA	Sample number(s): 5945326-5945329 UNSPK: 5945329								
Benzene	95	95	80-126	1	30				
Ethylbenzene	88	89	71-134	1	30				
Methyl Tertiary Butyl Ether	97	98	72-126	1	30				
Toluene	94	94	80-125	0	30				
Xylene (Total)	87	87	79-125	0	30				
Batch number: 10096A07A	Sample number(s): 5945326-5945330 UNSPK: P945332								
TPH-GRO N. CA water C6-C12	118		63-154						

*- 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: 04/14/10 at 01:36 PM

Group Number: 1188833

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: D100963AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5945330	102	97	97	99
Blank	100	95	99	100
LCS	100	97	98	105
MS	102	98	98	106
MSD	100	100	97	106
Limits:	80-116	77-113	80-113	78-113

Analysis Name: UST VOCs by 8260B - Water

Batch number: P101031AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5945326	101	98	99	92
5945327	101	98	100	92
5945328	101	100	100	93
5945329	102	100	100	93
Blank	101	99	100	92
LCS	100	101	99	94
MS	101	102	101	95
MSD	102	102	100	95
Limits:	80-116	77-113	80-113	78-113

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

Batch number: 10096A07A

Trifluorotoluene-F

5945326	102
5945327	103
5945328	102
5945329	103
5945330	103
Blank	104
LCS	111
LCSD	112
MS	114
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.

Chevron Site Number: 91026
 Chevron Site Global ID: T0600100334
 Chevron Site Address: 3701 Broadway,
 Oakland, CA
 Chevron PM: AARON COSTA
 Chevron PM Phone No.: (925)543-2961
 Retail and Terminal Business Unit (RTBU) Job
 Construction/Retail Job

Chevron Consultant: GRA
 Address: 5900 Hollis St. Suite A Emeryville,
 CA
 Consultant Contact: Charlotte Evans
 Consultant Phone No. 510-420-3351
 Consultant Project No. 100331 - FS1
 Sampling Company: Blaine Tech Services
 Sampled By (Print): F. SIMONUTON
 Sampler Signature:

ANALYSES REQUIRED

Charge Code: NWR TB-0091026-0-OML
 NWR TB 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
 200 0.0
 300 0.0
 1000 0.0

Preservation Codes		ANALYSES REQUIRED														Notes/Comments
H = HCL	T = Thiosulfate	EPA 8260B/GC/MS	EPA 8260B/GC/MS	EPA 8015B	EPA 8021B	EPA 6010	EPA 6010/7000	EPA 150.1	SM2510B	EPA 418.1	EPA 413.1	STLC	ALKALINITY	HC SCREEN	OXYGENATES	
		X	X	X	X											
		X	X	X	X											
		X	X	X	X											
		X	X	X	X											

H = HCL T = Thiosulfate
 N = HNO₃ B = NaOH
 S = H₂SO₄ O = Other

Special Instructions
 Must meet lowest detection limits possible for 8260 Compounds

SAMPLE ID				Sample Time	# of Containers	Container Type
Field Point Name	Matrix	Top Depth	Date (yyymmdd)			
E	W		100331	1210	6	VOAS
F				1235	↓	
EA-1				1300	↓	
EA-2				1330	↓	
GA	DT			1200	2	

Relinquished By: Company: BTS Date/Time: 1730 3-31-10
 Relinquished To: Company: (SAMPLE CUSTODIAN) BTS Date/Time: 3-31-10 1730
 Turnaround Time: Standard 24 Hours 48 hours 72 Hours Other
 Relinquished By: Company: BTS Date/Time: 4/1/10 1450
 Relinquished To: Company: LCI Date/Time: 3/4/10 1450
 Sample Integrity: (Check by lab on arrival)
 Intact: On Ice: Temp: 2.450C
 Relinquished By: Company: LCI Date/Time: 4/1/10 900
 Relinquished To: Company: FEDEX

Day Mark LCI 4/5/10 900

Lancaster Laboratories Explanation of Symbols and Abbreviations

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

N.D.	none detected	BMQL	Below Minimum Quantitation Level
TNTC	Too Numerous To Count	MPN	Most Probable Number
IU	International Units	CP Units	cobalt-chloroplatinate units
umhos/cm	micromhos/cm	NTU	nephelometric turbidity units
C	degrees Celsius	F	degrees Fahrenheit
Cal	(diet) calories	lb.	pound(s)
meq	milliequivalents	kg	kilogram(s)
g	gram(s)	mg	milligram(s)
ug	microgram(s)	l	liter(s)
ml	milliliter(s)	ul	microliter(s)
m3	cubic meter(s)	fib >5 um/ml	fibers greater than 5 microns in length per ml
<	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.		
>	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 of gas 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.		

U.S. EPA 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
J	Estimated value
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 ≥IDL
E	Estimated due to interference
M	Duplicate injection precision not met
N	Spike amount 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 for methods listed on the laboratories' accreditation scope meet all requirements of NELAC unless otherwise noted under the individual analysis.

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

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