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9:07 am, Jun 01, 2010

Alameda County  
Environmental Health

**Aaron Costa**  
Project Manager  
Marketing Business Unit

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

Re: Chevron Service Station No. 9-1153  
3135 Gibbons Drive (3126 Fernside Blvd)  
Alameda, CA

I have reviewed the attached report dated May 28, 2010.

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 28, 2010

Reference No. 311642

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 Service Station 9-1153  
3135 Gibbons Drive (3126 Fernside Blvd.)  
Alameda, California  
Fuel Leak Case No. RO0000341

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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 anticipated future activities.

## **SITE BACKGROUND**

### ***Site Description***

The site is located on a triangular-shaped lot at the intersection of Gibbons Drive and Fernside Boulevard in Alameda, California (Figure 1). Chevron leased the property in approximately 1956 and constructed a service station that operated until June 1986. When station operations ceased in 1986, two used-oil underground storage tanks (USTs) (550 and 750 gallon) and three gasoline USTs (3,000, 6,000, and 8,000 gallon) were removed. A residence was built over the former UST complex in 1989 using a slab-on-grade foundation. The remaining portions of the property are landscaped and the property is surrounded by concrete sidewalks.

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May 28 2010

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### ***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.<sup>1</sup> The site is on an island and is underlain by silty and clayey sand, sand and areas of clay to the maximum explored depth of 22 feet below grade (fbg).

### ***Hydrogeology***

The site is approximately 30 feet above mean sea level (ft-amsl). Groundwater in the region has been designated as potentially beneficial for commercial, industrial, and residential uses.<sup>2</sup> Depth to groundwater in site wells has ranged from approximately 0.25 to 8 fbg. Historic groundwater flow direction is typically east to east-southeast at a gradient of 0.002 to 0.1.

## **FIRST QUARTER 2010 MONITORING AND SAMPLING RESULTS**

### ***Groundwater Monitoring***

Blaine Tech Services (Blaine Tech) of San Jose, California monitored and sampled the site wells on March 31, 2010. Monitoring well C-1 could not be sampled due to the presence of light non-aqueous phase liquid (LNAPL). Depth to groundwater ranged from 1.86 fbg (MW-5) to 3.43 fbg (MW-10) and flowed toward the east at gradient of 0.006. Blaine Tech's April 2, 2010 *First Quarter 2010 Monitoring* report is included as Attachment A and Lancaster Laboratories' April 8, 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.

Table A presents current hydrocarbon concentrations are presented and compared to environmental screening levels (ESLs) where groundwater is a potential source of drinking water.<sup>3</sup> TPHg, benzene, and MTBE concentrations this quarter are decreasing or below detection limits.

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<sup>1</sup> California's Groundwater Bulletin 118; State of California The Resources Agency Department of Water Resources February 27, 2004.

<sup>2</sup> 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.

<sup>3</sup> *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.



TABLE A: SUMMARY OF ENVIRONMENTAL SCREENING LEVELS						
	TPHg	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE
Groundwater ESLs	100	1	40	30	20	5
C-1	LNAPL					
C-3	<50	<0.5	<0.5	<0.5	<0.5	<0.5
MW-4	<50	<0.5	<0.5	<0.5	<0.5	<0.5
MW-5	<50	<0.5	<0.5	<0.5	<0.5	<0.5
MW-6	<50	<0.5	<0.5	<0.5	<0.5	<0.5
MW-7	2,000	110	1	2	3	0.7 <sup>J</sup>
MW-8	<50	<0.5	<0.5	<0.5	<0.5	<0.5
MW-9	<50	<0.5	<0.5	<0.5	<0.5	<0.5
MW-10	<50	<0.5	<0.5	<0.5	<0.5	<0.5

J = Estimated Value

### *Dissolved Hydrocarbon Delineation*

The extent of hydrocarbons in groundwater is defined to below detection limits by wells MW-4, MW-5, MW-6, MW-8, MW-9, and MW-10.

### *Concentration Trends*

TPHg, benzene, and MTBE concentrations decreased or remain below detection limits. LNAPL thickness in well C-1 is consistent with historical results.

## **CONCLUSIONS**

The first quarter 2010 sampling event results indicate:

- LNAPL is observed in C-1 at a thickness consistent with historical data.
- Dissolved hydrocarbon concentrations are below detection limits in most wells and decreasing in well MW-7.
- The extent of the dissolved phase hydrocarbon is adequately defined.



**CONESTOGA-ROVERS  
& ASSOCIATES**

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### **ANTICIPATED FUTURE ACTIVITIES**

#### ***Groundwater Sampling***

Blaine Tech will monitor and sample wells according to the established gauging and sampling schedule and CRA will prepare a monitoring and sampling report. CRA will prepare a summary of site conditions and submit the sampling report within 60 days of the sampling date.

#### ***Surfactant-Enhanced LNAPL Extraction***

On January 14, 2010 CRA submitted a work plan proposing a surfactant-enhanced LNAPL extraction. CRA has not received approval to proceed with this work plan.



**CONESTOGA-ROVERS  
& ASSOCIATES**

May 28 2010

Reference No. 311642

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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@craworld.com](mailto:nlee@craworld.com) if you have any questions or comments regarding this report.

Sincerely,

CONESTOGA-ROVERS & ASSOCIATES



*Nathan Lee*

Nathan Lee PG #8486

AR/doh/7

Encl.

Figure 1	Site Vicinity Map
Figure 2	Groundwater Elevation Contour and Hydrocarbon Concentration Map
Table 1	Groundwater Monitoring Data and Analytical Results
Table 2	Light Non-Aqueous Phase Liquid Thickness and Removal Data
Table 3	Dissolved Oxygen Concentrations
Attachment A	Blaine Tech's April 2, 2010 <i>First Quarter 2010 Monitoring Report</i>
Attachment B	Lancaster Laboratories' April 8, 2010 <i>Analytical Results Report</i>

cc: Mr. Aaron Costa, Chevron  
Mr. Mark Hom, Property Owner

## FIGURES



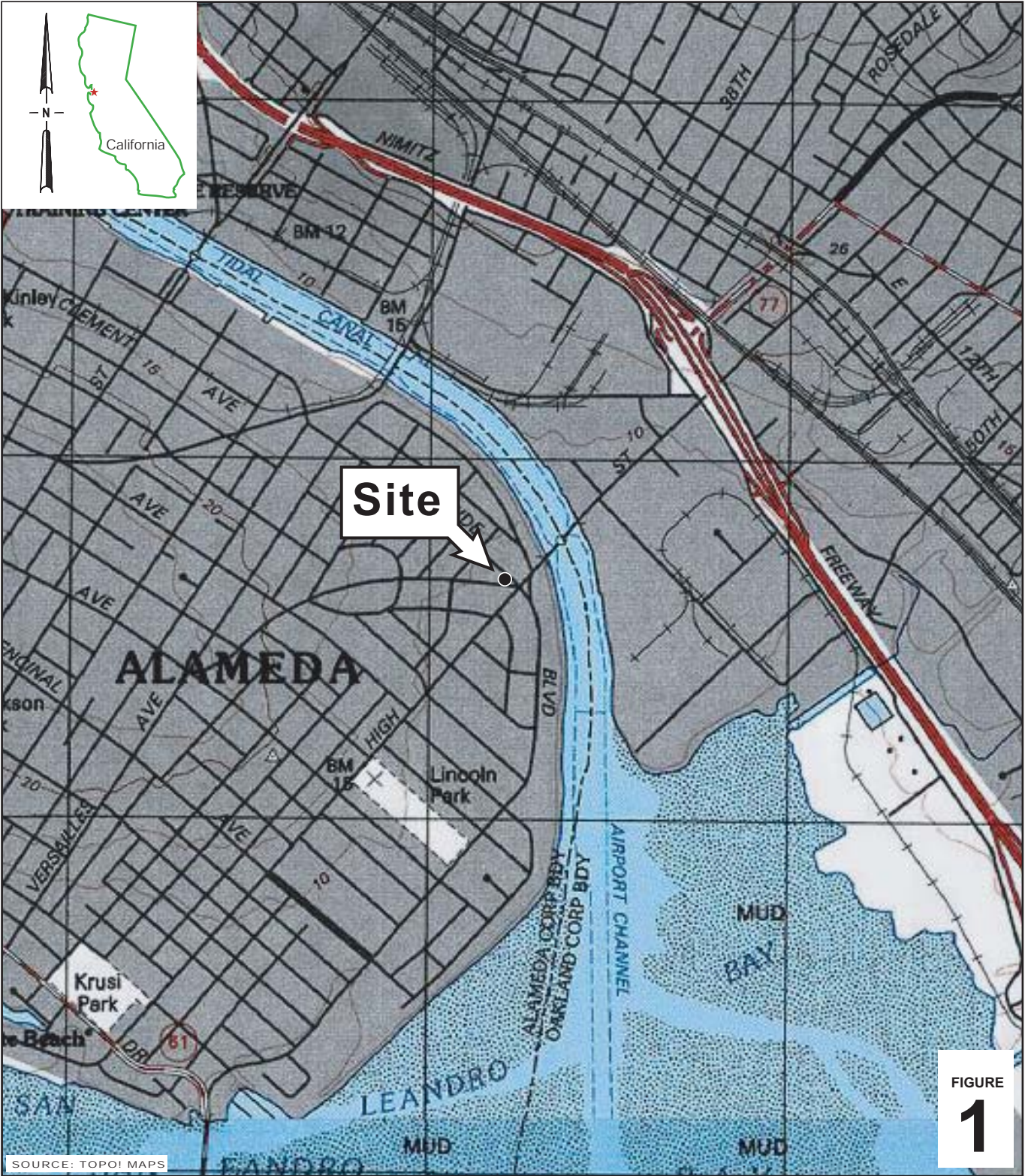


FIGURE  
**1**

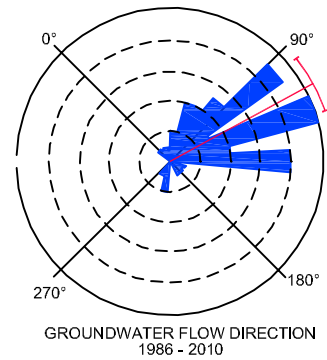
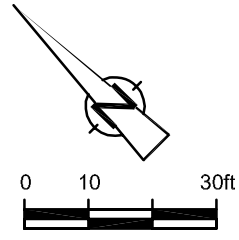
**Former Chevron Station 9-1153**  
 3135 Gibbons Drive (3126 Fernside Blvd)  
 Alameda, California



**CONESTOGA-ROVERS  
& ASSOCIATES**

**Vicinity Map**





- LEGEND**
- MW-1 ● MONITORING WELL LOCATION
  - RW-1 ⊕ EXTRACTION WELL LOCATION
  - C-2 ■ DESTROYED WELL LOCATION
  - (5.61) GROUNDWATER ELEVATION (ft-amsl)
  - (2,000) TPHg CONCENTRATION (µg/L)
  - (110) BENZENE CONCENTRATION (µg/L)
  - (0.7) MTBE CONCENTRATION (µg/L)
  - \*\* WELLS NOT USED IN CONTOURING
  - (LNAPL) LIGHT NON-AQUEOUS PHASE LIQUIDS - NOT SAMPLED
  - 5.50— GROUNDWATER ELEVATION CONTOUR  
DASHED WHERE INFERRED

GROUNDWATER FLOW  
DIRECTION AT A GRADIENT OF 0.006

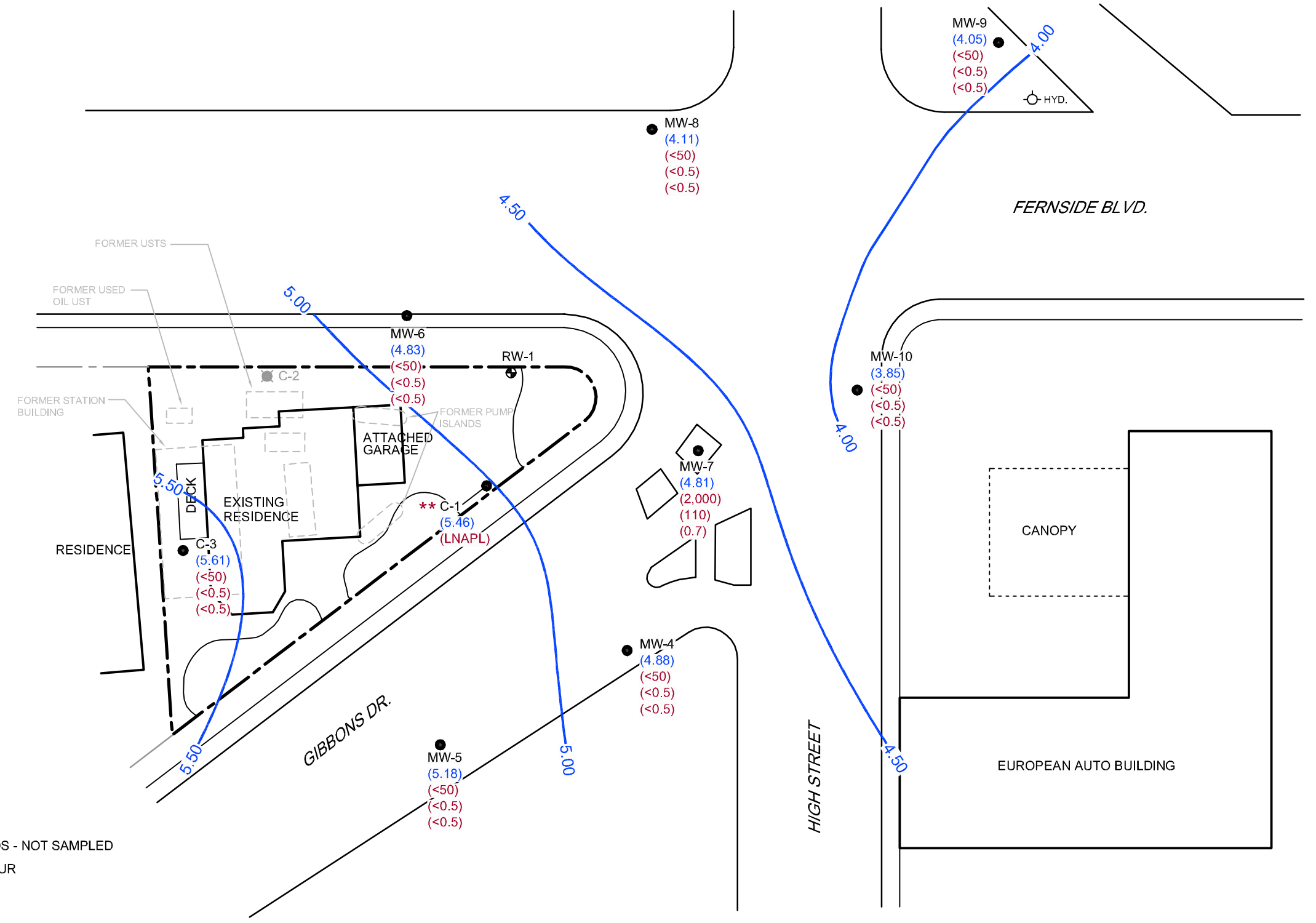


Figure 2  
GROUNDWATER ELEVATION AND HYDROCARBON CONCENTRATION MAP  
FORMER CHEVRON SERVICE STATION 9-1153  
3135 GIBBONS DRIVE (3126 FERN SIDE BLVD)  
Alameda, California

## TABLES

**TABLE 1**  
**GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS**  
**FORMER CHEVRON SERVICE STATION 9-1153**  
**3135 GIBBONS DRIVE (3126 FERNSIDE BOULEVARD), ALAMEDA, CALIFORNIA**

<i>WELL ID/ DATE</i>	<i>TOC* (ft-msl)</i>	<i>DTW (ft.)</i>	<i>GWE (ft-msl)</i>	<i>LNAPLT (ft.)</i>	<i>TPHg (µg/L)</i>	<i>B (µg/L)</i>	<i>T (µg/L)</i>	<i>E (µg/L)</i>	<i>X (µg/L)</i>	<i>MTBE (µg/L)</i>
<b>C-1</b>										
08/18/86	--	4.10	--	--	--	--	--	--	--	--
09/04/86	--	--	--	--	15,000	760	820	1,500	--	--
07/22/87	--	--	--	--	1,100	250	7.0	40	--	--
05/03/89	--	4.46	--	--	6,900	3,800	190	229	--	--
12/04/89	--	4.16	--	--	17,000	8,000	490	470	--	--
02/14/90	--	3.64	--	--	19,000	12,000	990	1,050	--	--
03/07/90	--	3.36	--	--	--	4,260	261	430	--	--
09/06/91	--	4.43	--	--	21,000	10,000	100	240	560	--
12/15/91	--	4.78	--	--	20,000	4,900	43	110	330	--
03/03/92	--	2.39	--	--	13,000	5,800	730	340	1,200	--
06/04/92	4.08	4.08	0.00	--	34,000	9,400	350	290	1,200	--
10/13/92	4.08	4.75	-0.67	--	24,000	11,000	98	280	530	--
01/11/93	4.08	2.26	1.82	SHEEN	7,100	1,500	130	150	700	--
04/14/93	4.08	2.90	1.18	SHEEN	29,000	7,300	4,000	640	2,300	--
07/13/93	4.08	3.97	0.11	SHEEN	650,000	27,000	18,000	6,300	29,000	--
10/19/93	4.08	4.50	-0.42	--	40,000	12,000	730	1,100	3,600	--
11/30/93	7.50	4.27	3.23	--	--	--	--	--	--	--
01/27/94	7.50	3.35	4.15	--	36,000	8,600	220	670	1,900	--
04/07/94	7.50	3.42	4.08	--	53,000	12,000	3,500	480	3,300	--
07/01/94	7.50	3.96	3.54	--	65,000	19,000	5,900	1,000	9,000	--
10/05/94	7.50	4.39	3.11	--	160,000	23,000	12,000	2,200	11,000	--
01/12/95	7.50	1.52	6.38	0.50	--	--	--	--	--	--

TABLE 1

**GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS  
FORMER CHEVRON SERVICE STATION 9-1153  
3135 GIBBONS DRIVE (3126 FERNSIDE BOULEVARD), ALAMEDA, CALIFORNIA**

<i>WELL ID/ DATE</i>	<i>TOC* (ft-msl)</i>	<i>DTW (ft.)</i>	<i>GWE (ft-msl)</i>	<i>LNAPLT (ft.)</i>	<i>TPHg (µg/L)</i>	<i>B (µg/L)</i>	<i>T (µg/L)</i>	<i>E (µg/L)</i>	<i>X (µg/L)</i>	<i>MTBE (µg/L)</i>
<b>C-1 (cont)</b>										
04/26/95	7.50	4.40	4.86	2.20	--	--	--	--	--	--
07/12/95	7.50	4.85	4.10	1.81	--	--	--	--	--	--
10/30/95	7.50	5.67	3.13	1.63	--	--	--	--	--	--
01/04/96	7.50	3.92	3.68	0.12	--	--	--	--	--	--
01/10/96	7.50	3.48	4.12	0.13	--	--	--	--	--	--
01/17/96	7.50	3.40	4.12	0.02	--	--	--	--	--	--
01/22/96	7.50	2.90	4.60	0.00	82,000	18,000	4,400	1,400	5,200	<1,000
02/23/96	7.50	4.10	4.89	1.86	--	--	--	--	--	--
02/28/96	7.50	--	--	>0.83	--	--	--	--	--	--
03/08/96	7.50	2.86	6.10	1.83	--	--	--	--	--	--
03/08/96	7.50	2.30	5.49	0.36	--	--	--	--	--	--
03/08/96	7.50	2.33	5.46	0.36	--	--	--	--	--	--
03/08/96	7.50	2.28	5.40	0.22	--	--	--	--	--	--
03/26/96	7.50	3.96	4.56	1.28	--	--	--	--	--	--
04/11/96	7.50	5.61	3.29	1.75	--	--	--	--	--	--
04/19/96	7.50	3.09	4.44	0.04	--	--	--	--	--	--
04/24/96	7.50	3.04	4.48	0.03	--	--	--	--	--	--
05/03/96	7.50	4.02	3.85	0.46	--	--	--	--	--	--
05/03/96	7.50	3.89	3.99	0.47	--	--	--	--	--	--
05/08/96	7.50	4.25	3.53	0.35	--	--	--	--	--	--
05/17/96	7.50	3.24	4.29	0.04	--	--	--	--	--	--
05/17/96	7.50	3.35	4.16	0.01	--	--	--	--	--	--

TABLE 1

**GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS  
FORMER CHEVRON SERVICE STATION 9-1153  
3135 GIBBONS DRIVE (3126 FERNSIDE BOULEVARD), ALAMEDA, CALIFORNIA**

<i>WELL ID/ DATE</i>	<i>TOC* (ft-msl)</i>	<i>DTW (ft.)</i>	<i>GWE (ft-msl)</i>	<i>LNAPLT (ft.)</i>	<i>TPHg (µg/L)</i>	<i>B (µg/L)</i>	<i>T (µg/L)</i>	<i>E (µg/L)</i>	<i>X (µg/L)</i>	<i>MTBE (µg/L)</i>
<b>C-1 (cont)</b>										
05/17/96	7.50	3.43	4.08	0.01	--	--	--	--	--	--
05/17/96	7.50	3.65	3.86	0.01	--	--	--	--	--	--
05/22/96	7.50	3.10	4.46	0.07	--	--	--	--	--	--
06/18/96	7.50	4.68	3.20	0.48	--	--	--	--	--	--
07/03/96	7.50	5.03	2.57	0.13	--	--	--	--	--	--
07/09/96	7.50	4.63	3.05	0.23	--	--	--	--	--	--
07/17/96	7.50	4.73	2.89	0.15	--	--	--	--	--	--
07/29/96	7.50	5.10	2.47	0.09	--	--	--	--	--	--
08/02/96	7.50	5.68	1.84	0.03	--	--	--	--	--	--
08/07/96	7.50	5.16	2.35	0.01	--	--	--	--	--	--
08/23/96	7.50	5.75	1.77	0.03	--	--	--	--	--	--
08/28/96	7.50	5.53	1.99	0.03	--	--	--	--	--	--
09/06/96	7.50	5.38	2.12	--	--	--	--	--	--	--
09/12/96	7.50	5.48	2.04	0.03	--	--	--	--	--	--
09/19/96	7.50	6.32	1.20	0.03	--	--	--	--	--	--
10/10/96	7.50	4.58	3.00	0.10	--	--	--	--	--	--
10/17/96	7.50	5.61	1.90	0.01	--	--	--	--	--	--
10/29/96	7.50	6.01	1.49	--	--	--	--	--	--	--
11/07/96	7.50	5.56	1.94	0.04	--	--	--	--	--	--
11/11/96	7.50	5.32	2.18	0.04	--	--	--	--	--	--
12/20/96	7.50	3.33	4.17	0.03	--	--	--	--	--	--
12/17/96	7.50	3.73	3.77	0.01	--	--	--	--	--	--



TABLE 1

**GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS  
FORMER CHEVRON SERVICE STATION 9-1153  
3135 GIBBONS DRIVE (3126 FERNSIDE BOULEVARD), ALAMEDA, CALIFORNIA**

<i>WELL ID/ DATE</i>	<i>TOC* (ft-msl)</i>	<i>DTW (ft.)</i>	<i>GWE (ft-msl)</i>	<i>LNAPLT (ft.)</i>	<i>TPHg (µg/L)</i>	<i>B (µg/L)</i>	<i>T (µg/L)</i>	<i>E (µg/L)</i>	<i>X (µg/L)</i>	<i>MTBE (µg/L)</i>
<b>C-1 (cont)</b>										
01/15/97	7.50	2.74	4.76	--	47,000	16,000	2,800	1,300	4,900	<1,000
01/22/97	7.50	1.37	6.13	0.19	--	--	--	--	--	--
02/04/97	7.50	2.98	4.52	0.51	--	--	--	--	--	--
02/20/97	7.50	4.09	3.41	0.13	--	--	--	--	--	--
03/06/97	7.50	3.75	3.75	0.56	--	--	--	--	--	--
03/14/97	7.50	3.82	3.68	0.03	--	--	--	--	--	--
03/20/97	7.50	3.73	3.77	0.03	--	--	--	--	--	--
03/25/97	7.50	4.32	3.18	0.01	--	--	--	--	--	--
03/31/97	7.50	3.71	3.79	0.03	--	--	--	--	--	--
04/03/97	7.50	4.60	2.92	0.03	--	--	--	--	--	--
04/09/97	7.50	4.25	3.27	0.02	--	--	--	--	--	--
04/24/97	7.50	4.65	2.87	0.02	--	--	--	--	--	--
04/30/97	7.50	3.50	4.02	0.02	--	--	--	--	--	--
05/22/97	7.50	4.97	2.53	--	--	--	--	--	--	--
06/03/97	7.50	3.62	3.93	0.06	--	--	--	--	--	--
07/09/97	7.50	4.30	3.25	0.06	--	--	--	--	--	--
08/12/97	7.50	5.18	2.32	0.00	--	--	--	--	--	--
09/30/97	7.50	5.25	2.65	0.50	--	--	--	--	--	--
10/29/97	7.50	5.33	2.19	0.03	--	--	--	--	--	--
11/13/97	7.50	4.86	2.66	0.02	--	--	--	--	--	--
12/18/97	7.50	2.34	5.16	--	--	--	--	--	--	--
01/14/98	7.50	0.25	7.27	0.02	--	--	--	--	--	--

**TABLE 1**  
**GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS**  
**FORMER CHEVRON SERVICE STATION 9-1153**  
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<b>C-1 (cont)</b>										
02/02/98	7.50	2.35	5.19	0.05	--	--	--	--	--	--
03/16/98	7.50	2.50	5.40	0.50	--	--	--	--	--	--
04/17/98	7.50	2.65	5.17	0.40	--	--	--	--	--	--
05/01/98	7.50	2.39	5.14	0.04	--	--	--	--	--	--
06/17/98	7.50	3.26	4.30	0.08	--	--	--	--	--	--
07/15/98	7.50	3.55	3.95	--	110,000	22,000	22,000	1,000	10,000	<250
09/01/98	7.50	4.00	3.50	--	--	--	--	--	--	--
10/27/98	7.50	4.48	3.02	--	45,000	12,000	5,400	590	4,300	<500
11/19/98	7.50	3.89	3.61	--	--	--	--	--	--	--
12/19/98	7.50	2.13	5.39	0.02	--	--	--	--	--	--
01/20/99	7.50	3.98	3.52	--	50,300	7,050	5,030	244	6,090	<40
02/24/99	7.50	2.55	4.95	--	--	--	--	--	--	--
03/26/99	7.50	2.14	5.97	0.76	--	--	--	--	--	--
04/19/99	7.50	1.04	6.46	--	150,000	21,000	20,000	3,000	18,000	<2.5/49 <sup>2</sup>
07/29/99	7.50	3.76	3.76	0.02	--	--	--	--	--	--
08/30/99	7.50	4.30	3.20	--	--	--	--	--	--	--
09/23/99	7.50	3.84	3.68	0.02	--	--	--	--	--	--
10/13/99	7.50	1.27	6.23	--	136,000	23,900	30,000	2,390	17,300	<500
11/17/99	7.50	3.59	3.91	--	--	--	--	--	--	--
12/08/99	7.50	3.79	3.71	--	--	--	--	--	--	--
01/25/00	7.50	1.99	5.54	0.04	--	--	--	--	--	--
04/03/00	7.50	2.20	5.38**	0.10	--	--	--	--	--	--

**TABLE 1**  
**GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS**  
**FORMER CHEVRON SERVICE STATION 9-1153**  
**3135 GIBBONS DRIVE (3126 FERNSIDE BOULEVARD), ALAMEDA, CALIFORNIA**

<i>WELL ID/ DATE</i>	<i>TOC* (ft-msl)</i>	<i>DTW (ft.)</i>	<i>GWE (ft-msl)</i>	<i>LNAPLT (ft.)</i>	<i>TPHg (µg/L)</i>	<i>B (µg/L)</i>	<i>T (µg/L)</i>	<i>E (µg/L)</i>	<i>X (µg/L)</i>	<i>MTBE (µg/L)</i>
<b>C-1 (cont)</b>										
05/26/00	7.50	2.52	5.16**	0.23	--	--	--	--	--	--
06/19/00	7.50	2.89	4.76**	0.19	--	--	--	--	--	--
07/03/00	7.50	3.45	4.25**	0.25	--	--	--	--	--	--
08/01/00	7.50	3.78	3.85**	0.16	--	--	--	--	--	--
09/30/00	7.50	4.03	3.50**	0.04	--	--	--	--	--	--
10/23/00	7.50	4.15	3.37**	0.03	--	--	--	--	--	--
11/21/00	7.50	3.42	4.08	0.00	--	--	--	--	--	--
12/22/00	7.50	2.96	4.54	0.00	--	--	--	--	--	--
01/08/01	7.50	2.94	4.56	0.00	--	--	--	--	--	--
02/17/01	7.50	2.09	5.88**	0.59	--	--	--	--	--	--
03/13/01	7.50	2.20	5.91**	0.76	--	--	--	--	--	--
04/09/01	7.50	2.45	5.26**	0.26	NOT SAMPLED DUE TO THE PRESENCE OF LNAPL				--	--
05/18/01	7.50	2.70	5.27**	0.59	--	--	--	--	--	--
06/12/01	7.50	3.50	4.78**	0.97	--	--	--	--	--	--
07/19/01	7.50	4.25	4.01**	0.95	--	--	--	--	--	--
08/23/01	7.50	4.34	3.22**	0.07	NOT SAMPLED DUE TO THE PRESENCE OF LNAPL				--	--
09/17/01	7.50	4.39	3.17**	0.08	--	--	--	--	--	--
10/08/01	7.50	4.45	3.08**	0.04	--	--	--	--	--	--
11/27/01	7.50	3.89	3.61	0.00	330,000	9,800	5,300	3,800	22,000	<50
12/17/01	7.50	1.81	5.69	0.00	--	--	--	--	--	--
01/07/02	7.50	2.27	5.64**	0.51	--	--	--	--	--	--
02/26/02	7.50	2.70	5.22**	0.52	NOT SAMPLED DUE TO THE PRESENCE OF LNAPL				--	--

**TABLE 1**  
**GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS**  
**FORMER CHEVRON SERVICE STATION 9-1153**  
**3135 GIBBONS DRIVE (3126 FERNSIDE BOULEVARD), ALAMEDA, CALIFORNIA**

<i>WELL ID/ DATE</i>	<i>TOC* (ft-msl)</i>	<i>DTW (ft.)</i>	<i>GWE (ft-msl)</i>	<i>LNAPLT (ft.)</i>	<i>TPHg (µg/L)</i>	<i>B (µg/L)</i>	<i>T (µg/L)</i>	<i>E (µg/L)</i>	<i>X (µg/L)</i>	<i>MTBE (µg/L)</i>	
<b>C-1 (cont)</b>											
03/27/02	7.50	2.87	5.47**	1.05	--	--	--	--	--	--	
04/08/02	7.50	2.45	6.03**	1.23	--	--	--	--	--	--	
05/23/02	7.50	3.57	4.35**	0.52	NOT SAMPLED DUE TO THE PRESENCE OF LNAPL					--	--
06/17/02	7.50	3.90	3.88**	0.35	--	--	--	--	--	--	
07/31/02	7.50	4.12	3.54**	0.20	--	--	--	--	--	--	
08/09/02	7.50	4.15	3.48**	0.16	NOT SAMPLED DUE TO THE PRESENCE OF LNAPL					--	--
09/17/02	7.50	4.33	3.27**	0.12	--	--	--	--	--	--	
10/15/02	7.50	4.51	3.11**	0.15	--	--	--	--	--	--	
11/08/02	7.50	4.11	3.39	0.00	51,000	7,000	510	820	5,800	<3.0	
12/19/02	7.50	1.14	6.36	0.00	--	--	--	--	--	--	
01/14/03	7.50	1.80	5.70	0.00	--	--	--	--	--	--	
02/07/03	7.50	2.95	4.79**	0.30	NOT SAMPLED DUE TO THE PRESENCE OF LNAPL					--	--
03/20/03	7.50	2.86	4.97**	0.41	--	--	--	--	--	--	
04/15/03	7.50	2.12	5.46**	0.10	--	--	--	--	--	--	
05/09/03	7.50	2.95	5.11**	0.70	NOT SAMPLED DUE TO THE PRESENCE OF LNAPL					--	--
06/27/03	7.50	3.97	3.93**	0.50	--	--	--	--	--	--	
07/16/03	7.50	3.68	4.04**	0.28	--	--	--	--	--	--	
08/15/03	7.50	4.29	3.39**	0.22	NOT SAMPLED DUE TO THE PRESENCE OF LNAPL					--	--
09/26/03	7.50	4.60	3.05**	0.19	--	--	--	--	--	--	
10/18/03	7.50	4.72	2.90**	0.15	--	--	--	--	--	--	
11/14/03	7.50	4.31	3.35**	0.20	NOT SAMPLED DUE TO THE PRESENCE OF LNAPL					--	--
12/23/03	7.50	1.81	5.69	0.00	--	--	--	--	--	--	

**TABLE 1**  
**GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS**  
**FORMER CHEVRON SERVICE STATION 9-1153**  
**3135 GIBBONS DRIVE (3126 FERNSIDE BOULEVARD), ALAMEDA, CALIFORNIA**

<i>WELL ID/ DATE</i>	<i>TOC* (ft-msl)</i>	<i>DTW (ft.)</i>	<i>GWE (ft-msl)</i>	<i>LNAPLT (ft.)</i>	<i>TPHg (µg/L)</i>	<i>B (µg/L)</i>	<i>T (µg/L)</i>	<i>E (µg/L)</i>	<i>X (µg/L)</i>	<i>MTBE (µg/L)</i>
<b>C-1 (cont)</b>										
01/22/04	7.50	4.19	3.32**	0.01	--	--	--	--	--	--
02/13/04	7.50	3.04	4.49**	0.04	NOT SAMPLED DUE TO THE PRESENCE OF LNAPL				--	--
03/11/04	7.50	1.85	5.97**	0.40	--	--	--	--	--	--
04/22/04	7.50	3.08	4.60**	0.22	--	--	--	--	--	--
05/14/04	7.50	3.49	4.03**	0.03	NOT SAMPLED DUE TO THE PRESENCE OF LNAPL				--	--
06/18/04	7.50	3.41	4.19**	0.13	--	--	--	--	--	--
07/23/04	7.50	3.28	4.31**	0.11	--	--	--	--	--	--
08/13/04	7.50	3.14	4.40**	0.05	NOT SAMPLED DUE TO THE PRESENCE OF LNAPL				--	--
09/13/04	7.50	4.53	3.04**	0.09	--	--	--	--	--	--
10/22/04	7.50	3.19	4.33**	0.03	--	--	--	--	--	--
11/12/04	7.50	3.22	4.30**	0.03	NOT SAMPLED DUE TO THE PRESENCE OF LNAPL				--	--
12/02/04	7.50	3.28	4.24**	0.02	--	--	--	--	--	--
01/28/05	7.50	3.19	4.32**	0.01	--	--	--	--	--	--
02/11/05	7.50	2.75	4.78**	0.04	NOT SAMPLED DUE TO THE PRESENCE OF LNAPL				--	--
03/11/05	7.50	2.94	4.58**	0.03	--	--	--	--	--	--
04/26/05	7.50	3.03	4.49**	0.02	--	--	--	--	--	--
05/13/05	7.50	3.18	4.34**	0.02	NOT SAMPLED DUE TO THE PRESENCE OF LNAPL				--	--
06/01/05	7.50	3.22	4.30**	0.02	--	--	--	--	--	--
07/15/05	7.50	3.09	4.43**	0.02	--	--	--	--	--	--
08/19/05	7.50	2.88	4.64**	0.03	NOT SAMPLED DUE TO THE PRESENCE OF LNAPL				--	--
09/23/05	7.50	2.95	4.57**	0.02	--	--	--	--	--	--
10/14/05	7.50	3.01	4.50**	0.01	--	--	--	--	--	--



**TABLE 1**  
**GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS**  
**FORMER CHEVRON SERVICE STATION 9-1153**  
**3135 GIBBONS DRIVE (3126 FERNSIDE BOULEVARD), ALAMEDA, CALIFORNIA**

<i>WELL ID/ DATE</i>	<i>TOC* (ft-msl)</i>	<i>DTW (ft.)</i>	<i>GWE (ft-msl)</i>	<i>LNAPLT (ft.)</i>	<i>TPHg (µg/L)</i>	<i>B (µg/L)</i>	<i>T (µg/L)</i>	<i>E (µg/L)</i>	<i>X (µg/L)</i>	<i>MTBE (µg/L)</i>
<b>C-1 (cont)</b>										
11/18/05	7.50	3.21	4.31**	0.02	NOT SAMPLED DUE TO THE PRESENCE OF LNAPL				--	--
12/09/05	7.50	3.61	3.90**	0.01	--	--	--	--	--	--
01/12/06	7.50	2.98	4.53**	0.01	--	--	--	--	--	--
02/10/06 <sup>15</sup>	7.50	2.69	4.82**	0.01	100,000	11,000	2,500	2,900	15,000	<10
03/13/06	7.50	2.81	4.70**	0.01	--	--	--	--	--	--
04/13/06	7.50	2.75	4.76**	0.01	--	--	--	--	--	--
05/12/06	7.50	3.02	4.49**	0.01	NOT SAMPLED DUE TO THE PRESENCE OF LNAPL				--	--
06/12/06	7.50	3.10	4.41**	0.01	--	--	--	--	--	--
07/13/06	7.50	3.14	4.38**	0.02	--	--	--	--	--	--
08/11/06 <sup>15</sup>	7.50	3.70	3.81**	0.01	200,000	8,600	470	1,700	8,800	<10
09/11/06	7.50	3.75	3.77**	0.02	--	--	--	--	--	--
10/17/06	7.50	3.82	3.69**	0.01	--	--	--	--	--	--
11/17/06	7.50	3.11	4.41**	0.03	NOT SAMPLED DUE TO THE PRESENCE OF LNAPL				--	--
12/15/06	7.50	2.95	4.57**	0.02	--	--	--	--	--	--
01/16/07	7.50	2.98	4.54**	0.02	--	--	--	--	--	--
02/16/07 <sup>15</sup>	7.50	2.77	4.73	0.00	25,000	4,300	260	310	3,300	<5
03/16/07	7.50	3.07	4.44**	0.01	--	--	--	--	--	--
04/17/07	7.50	2.98	4.53**	0.01	--	--	--	--	--	--
05/17/07 <sup>15</sup>	7.50	3.05	4.46**	0.01	110,000 <sup>16</sup>	12,000 <sup>16</sup>	1,000 <sup>16</sup>	2,000 <sup>16</sup>	15,000 <sup>16</sup>	<5
06/15/07	7.50	3.08	4.43**	0.01	--	--	--	--	--	--
07/17/07	7.50	3.13	4.38**	0.01	--	--	--	--	--	--
08/09/07	7.50	3.24	4.28**	0.02	NOT SAMPLED DUE TO THE PRESENCE OF LNAPL				--	--

**TABLE 1**  
**GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS**  
**FORMER CHEVRON SERVICE STATION 9-1153**  
**3135 GIBBONS DRIVE (3126 FERNSIDE BOULEVARD), ALAMEDA, CALIFORNIA**

<i>WELL ID/ DATE</i>	<i>TOC* (ft-msl)</i>	<i>DTW (ft.)</i>	<i>GWE (ft-msl)</i>	<i>LNAPLT (ft.)</i>	<i>TPHg (µg/L)</i>	<i>B (µg/L)</i>	<i>T (µg/L)</i>	<i>E (µg/L)</i>	<i>X (µg/L)</i>	<i>MTBE (µg/L)</i>	
<b>C-1 (cont)</b>											
09/14/07	7.50	3.16	4.35**	0.01	--	--	--	--	--	--	
10/16/07	7.50	3.04	4.47**	0.01	--	--	--	--	--	--	
11/08/07 <sup>15</sup>	7.50	3.11	4.40**	0.01	150,000	13,000	570	1,800	10,000	<13	
12/07/07	7.50	2.98	4.54**	0.03	--	--	--	--	--	--	
01/16/08	7.50	2.95	4.57**	0.02	--	--	--	--	--	--	
02/06/08 <sup>15</sup>	7.50	2.61	4.90**	0.01	110,000	13,000	500	5,300	21,000	<10	
03/07/08	7.50	2.87	4.65**	0.02	--	--	--	--	--	--	
04/16/08	7.50	3.06	4.46**	0.02	--	--	--	--	--	--	
05/07/08	7.50	2.98	4.54**	0.03	NOT SAMPLED DUE TO THE PRESENCE OF LNAPL					--	--
06/06/08	7.50	3.02	4.50**	0.02	--	--	--	--	--	--	
07/16/08	7.50	3.12	4.40**	0.02	--	--	--	--	--	--	
09/05/08	7.50	3.97	3.75**	0.28	--	--	--	--	--	--	
09/11/08	7.50	4.22	3.61**	0.41	NOT SAMPLED DUE TO THE PRESENCE OF LNAPL					--	--
10/17/08	7.50	4.16	3.60**	0.33	--	--	--	--	--	--	
11/10/08	7.50	4.05	3.54**	0.11	NOT SAMPLED DUE TO THE PRESENCE OF LNAPL					--	--
12/15/08	7.50	3.85	3.69**	0.05	--	--	--	--	--	--	
01/21/09	7.50	3.91	3.62**	0.04	--	--	--	--	--	--	
02/09/09 <sup>15</sup>	7.50	3.72	3.79**	0.01	53,000	3,100	66	660	3,700	<1	
03/16/09	7.50	3.81	3.71**	0.03	--	--	--	--	--	--	
05/28/09	7.50	3.48	4.04**	0.02	NOT SAMPLED DUE TO THE PRESENCE OF LNAPL					--	--
08/18/09	7.50	4.40	3.12**	0.02	NOT SAMPLED DUE TO THE PRESENCE OF LNAPL					--	--
11/17/09	7.50	4.21	3.31**	0.03	NOT SAMPLED DUE TO THE PRESENCE OF LNAPL					--	--

TABLE 1

**GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS  
FORMER CHEVRON SERVICE STATION 9-1153  
3135 GIBBONS DRIVE (3126 FERNSIDE BOULEVARD), ALAMEDA, CALIFORNIA**

<i>WELL ID/ DATE</i>	<i>TOC* (ft-msl)</i>	<i>DTW (ft.)</i>	<i>GWE (ft-msl)</i>	<i>LNAPLT (ft.)</i>	<i>TPHg (µg/L)</i>	<i>B (µg/L)</i>	<i>T (µg/L)</i>	<i>E (µg/L)</i>	<i>X (µg/L)</i>	<i>MTBE (µg/L)</i>
<b>C-1 (cont)</b>										
03/31/10 <sup>15</sup>	7.5	2.07	5.46**	0.04	NOT SAMPLED DUE TO THE PRESENCE OF LNAPL				--	--
<b>C-3</b>										
08/18/86	--	4.00	--	--	--	--	--	--	--	--
09/04/86	--	--	--	--	50	3.2	5.4	5.8	--	--
07/22/87	--	--	--	--	<50	<0.5	<1.0	<4.0	--	--
05/03/89	--	4.15	--	--	<50	<0.5	<1.0	<2.0	--	--
12/04/89	--	4.24	--	--	<250	<0.5	<0.5	<0.5	--	--
02/14/90	--	3.57	--	--	<50	<0.5	<0.5	<0.5	--	--
03/07/90	--	3.31	--	--	--	<5.0	<5.0	<5.0	--	--
09/06/91	--	4.59	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/15/91	--	4.84	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/03/92	--	2.17	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/04/92	4.41	4.01	0.40	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/13/92	4.41	4.79	-0.38	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/11/93	4.41	2.01	2.40	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/14/93	4.41	2.76	1.65	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/13/93	4.41	3.96	0.45	--	<50	<0.5	<0.5	<0.5	<1.5	--
10/19/93	4.41	4.53	-0.12	--	66	12	1.4	1.0	8.4	--
11/30/93	7.83	4.04	3.79	--	--	--	--	--	--	--
01/27/94	7.83	3.17	4.66	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/07/94	7.83	3.20	4.63	--	<50	<0.5	<0.5	<0.5	<0.5	--

TABLE 1

**GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS  
FORMER CHEVRON SERVICE STATION 9-1153  
3135 GIBBONS DRIVE (3126 FERNSIDE BOULEVARD), ALAMEDA, CALIFORNIA**

<i>WELL ID/ DATE</i>	<i>TOC* (ft-msl)</i>	<i>DTW (ft.)</i>	<i>GWE (ft-msl)</i>	<i>LNAPLT (ft.)</i>	<i>TPHg (µg/L)</i>	<i>B (µg/L)</i>	<i>T (µg/L)</i>	<i>E (µg/L)</i>	<i>X (µg/L)</i>	<i>MTBE (µg/L)</i>	
<b>C-3 (cont)</b>											
07/01/94	7.83	3.99	3.84	--	<50	<0.5	<0.5	<0.5	<0.5	--	
10/05/94	7.83	4.54	3.29	--	<50	<0.5	<0.5	<0.5	<0.5	--	
01/12/95	7.83	0.80	7.03	--	<50	<0.5	<0.5	<0.5	<0.5	--	
05/02/95	7.83	2.15	5.68	--	<50	<0.5	<0.5	<0.5	<0.5	--	
07/12/95	7.83	3.42	4.41	--	<50	<0.5	<0.5	<0.5	<0.5	--	
10/30/95	7.83	4.46	3.37	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	
01/22/96	7.83	1.73	6.10	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	
04/24/96	7.83	2.62	5.21	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	
07/29/96	7.83	3.94	3.89	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	
10/10/96	7.83	4.06	3.77	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	
01/15/97	7.83	1.54	6.29	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	
04/03/97	7.83	3.23	4.60	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	
07/09/97	7.83	4.36	3.47	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	
10/29/97	7.83	4.65	3.18	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	
01/14/98	7.83	0.77	7.06	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	
07/15/98	7.83	3.72	4.11	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	
01/20/99	7.83	2.65	5.18	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0	
04/19/99	7.83	1.78	6.05	--	--	--	--	--	--	--	
04/03/00	7.83	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--	--
07/03/00	7.83	--	--	--	--	--	--	--	--	--	
10/23/00	7.83	--	--	--	--	--	--	--	--	--	
01/08/01 <sup>11</sup>	7.83	3.71	4.12	0.00	<50	<0.50	<0.50	<0.50	<0.50	<2.5	

TABLE 1

**GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS  
FORMER CHEVRON SERVICE STATION 9-1153  
3135 GIBBONS DRIVE (3126 FERNSIDE BOULEVARD), ALAMEDA, CALIFORNIA**

<i>WELL ID/ DATE</i>	<i>TOC* (ft-msl)</i>	<i>DTW (ft.)</i>	<i>GWE (ft-msl)</i>	<i>LNAPLT (ft.)</i>	<i>TPHg (µg/L)</i>	<i>B (µg/L)</i>	<i>T (µg/L)</i>	<i>E (µg/L)</i>	<i>X (µg/L)</i>	<i>MTBE (µg/L)</i>
<b>C-3 (cont)</b>										
04/09/01	7.83	--	--	--	--	--	--	--	--	--
08/23/01	7.83	MONITORED/SAMPLED ANNUALLY								
11/27/01	7.83	MONITORED/SAMPLED ANNUALLY								
02/26/02	7.83	2.38	5.45	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5
05/23/02	7.83	MONITORED/SAMPLED ANNUALLY								
08/09/02	7.83	MONITORED/SAMPLED ANNUALLY								
11/08/02	7.83	MONITORED/SAMPLED ANNUALLY								
02/07/03	7.83	2.73	5.10	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5
05/09/03	7.83	MONITORED/SAMPLED ANNUALLY								
08/15/03	7.83	MONITORED/SAMPLED ANNUALLY								
11/14/03	7.83	MONITORED/SAMPLED ANNUALLY								
02/13/04 <sup>15</sup>	7.83	2.81	5.02	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/14/04	7.83	MONITORED/SAMPLED ANNUALLY								
11/12/04	7.83	MONITORED/SAMPLED ANNUALLY								
02/11/05 <sup>15</sup>	7.83	2.58	5.25	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/13/05	7.83	MONITORED/SAMPLED ANNUALLY								
08/19/05	7.83	MONITORED/SAMPLED ANNUALLY								
11/18/05	7.83	MONITORED/SAMPLED ANNUALLY								
02/10/06 <sup>15</sup>	7.83	2.52	5.31	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/12/06	7.83	MONITORED/SAMPLED ANNUALLY								
08/11/06	7.83	MONITORED/SAMPLED ANNUALLY								
11/17/06	7.83	MONITORED/SAMPLED ANNUALLY								



TABLE 1

**GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS  
FORMER CHEVRON SERVICE STATION 9-1153  
3135 GIBBONS DRIVE (3126 FERNSIDE BOULEVARD), ALAMEDA, CALIFORNIA**

<i>WELL ID/ DATE</i>	<i>TOC* (ft-msl)</i>	<i>DTW (ft.)</i>	<i>GWE (ft-msl)</i>	<i>LNAPLT (ft.)</i>	<i>TPHg (µg/L)</i>	<i>B (µg/L)</i>	<i>T (µg/L)</i>	<i>E (µg/L)</i>	<i>X (µg/L)</i>	<i>MTBE (µg/L)</i>
<b>C-3 (cont)</b>										
02/16/07 <sup>15</sup>	7.83	2.63	5.20	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/17/07	7.83	MONITORED/SAMPLED ANNUALLY								
08/09/07	7.83	MONITORED/SAMPLED ANNUALLY								
11/08/07	7.83	MONITORED/SAMPLED ANNUALLY								
02/06/08 <sup>15</sup>	7.83	2.91	4.92	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/07/08	7.83	MONITORED/SAMPLED ANNUALLY								
09/11/08	7.83	MONITORED/SAMPLED ANNUALLY								
11/10/08	7.83	MONITORED/SAMPLED ANNUALLY								
02/09/09 <sup>15</sup>	7.83	2.95	4.88	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/28/09	7.83	MONITORED/SAMPLED ANNUALLY								
08/18/09	7.83	MONITORED/SAMPLED ANNUALLY								
11/17/09	7.83	MONITORED/SAMPLED ANNUALLY								
<b>03/31/10<sup>15</sup></b>	<b>7.83</b>	<b>2.22</b>	<b>5.61</b>	<b>0.00</b>	<b>&lt;50</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>
<b>MW-4</b>										
06/04/92	3.58	3.63	-0.05	--	<50	0.8	<0.5	<0.5	<0.5	--
10/13/92	3.58	--	--	--	--	--	--	--	--	--
01/11/93	3.58	1.89	1.69	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/14/93	3.58	2.20	1.38	--	<50	<0.5	<0.5	<0.5	<1.5	--
07/13/93	3.58	3.51	0.07	--	54	2.6	1.6	<0.5	<1.5	--
10/19/93	3.58	4.22	-0.64	--	<50	<0.5	<0.5	<0.5	<0.5	--
11/30/93	7.01	4.01	3.00	--	--	--	--	--	--	--

TABLE 1

**GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS  
FORMER CHEVRON SERVICE STATION 9-1153  
3135 GIBBONS DRIVE (3126 FERNSIDE BOULEVARD), ALAMEDA, CALIFORNIA**

<i>WELL ID/ DATE</i>	<i>TOC* (ft-msl)</i>	<i>DTW (ft.)</i>	<i>GWE (ft-msl)</i>	<i>LNAPLT (ft.)</i>	<i>TPHg (µg/L)</i>	<i>B (µg/L)</i>	<i>T (µg/L)</i>	<i>E (µg/L)</i>	<i>X (µg/L)</i>	<i>MTBE (µg/L)</i>	
<b>MW-4 (cont)</b>											
01/27/94	7.01	2.89	4.12	--	<50	<0.5	<0.5	<0.5	<0.5	--	
04/07/94	7.01	3.06	3.95	--	<50	<0.5	<0.5	<0.5	<0.5	--	
07/01/94	7.01	3.59	3.42	--	<50	<0.5	<0.5	<0.5	<0.5	--	
10/05/94	7.01	4.33	2.68	--	<50	<0.5	<0.5	<0.5	<0.5	--	
01/12/95	7.01	1.20	5.81	--	<50	<0.5	<0.5	<0.5	<0.5	--	
04/26/95	7.01	1.15	5.86	--	<50	<0.5	<0.5	<0.5	<0.5	--	
07/12/95	7.01	2.72	4.29	--	<50	6.4	<0.5	0.63	0.72	--	
10/30/95	7.01	4.08	2.93	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	
01/22/96	7.01	1.76	5.25	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	
04/24/96	7.01	1.95	5.06	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	
07/29/96	7.01	3.37	3.64	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	
10/10/96	7.01	3.96	3.05	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	
01/15/97	7.01	1.27	5.74	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	
04/03/97	7.01	2.11	4.90	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	
07/09/97	7.01	4.04	2.97	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	
10/29/97	7.01	4.56	2.45	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	
01/14/98	7.01	0.39	6.62	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	
01/20/99	7.01	2.83	4.18	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0	
04/19/99	7.01	2.91	4.10	--	--	--	--	--	--	--	
01/25/00	7.01	1.92	5.09	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	
04/03/00	7.01	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--	--
07/03/00	7.01	--	--	--	--	--	--	--	--	--	

**TABLE 1**  
**GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS**  
**FORMER CHEVRON SERVICE STATION 9-1153**  
**3135 GIBBONS DRIVE (3126 FERNSIDE BOULEVARD), ALAMEDA, CALIFORNIA**

<i>WELL ID/ DATE</i>	<i>TOC* (ft-msl)</i>	<i>DTW (ft.)</i>	<i>GWE (ft-msl)</i>	<i>LNAPLT (ft.)</i>	<i>TPHg (µg/L)</i>	<i>B (µg/L)</i>	<i>T (µg/L)</i>	<i>E (µg/L)</i>	<i>X (µg/L)</i>	<i>MTBE (µg/L)</i>
<b>MW-4 (cont)</b>										
10/23/00	7.01	--	--	--	--	--	--	--	--	--
01/08/01 <sup>11</sup>	7.01	3.02	3.99	0.00	87 <sup>12</sup>	<0.50	<0.50	0.55	2.9	<2.5
04/09/01	7.01	--	--	--	--	--	--	--	--	--
08/23/01	7.01	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--
11/27/01	7.01	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--
02/26/02	7.01	1.37	5.64	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5
05/23/02	7.01	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--
08/09/02	7.01	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--
11/08/02	7.01	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--
02/07/03	7.01	1.72	5.29	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5
05/09/03	7.01	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--
08/15/03	7.01	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--
11/14/03	7.01	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--
02/13/04 <sup>15</sup>	7.01	1.82	5.19	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/14/04	7.01	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--
11/12/04	7.01	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--
02/11/05 <sup>15</sup>	7.01	1.46	5.55	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/13/05	7.01	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--
08/19/05	7.01	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--
11/18/05	7.01	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--
02/10/06 <sup>15</sup>	7.01	1.35	5.66	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/12/06	7.01	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--

TABLE 1

**GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS  
FORMER CHEVRON SERVICE STATION 9-1153  
3135 GIBBONS DRIVE (3126 FERNSIDE BOULEVARD), ALAMEDA, CALIFORNIA**

<i>WELL ID/ DATE</i>	<i>TOC* (ft-msl)</i>	<i>DTW (ft.)</i>	<i>GWE (ft-msl)</i>	<i>LNAPLT (ft.)</i>	<i>TPHg (µg/L)</i>	<i>B (µg/L)</i>	<i>T (µg/L)</i>	<i>E (µg/L)</i>	<i>X (µg/L)</i>	<i>MTBE (µg/L)</i>
<b>MW-4 (cont)</b>										
08/11/06	7.01	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--
11/17/06	7.01	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--
02/16/07 <sup>15</sup>	7.01	1.48	5.53	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/17/07	7.01	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--
08/09/07	7.01	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--
11/08/07	7.01	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--
02/06/08 <sup>15</sup>	7.01	1.27	5.74	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/07/08	7.01	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--
09/11/08	7.01	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--
11/10/08	7.01	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--
02/09/09 <sup>15</sup>	7.01	2.33	4.68	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/28/09	7.01	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--
08/18/09	7.01	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--
11/17/09	7.01	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--
<b>03/31/10<sup>15</sup></b>	<b>7.01</b>	<b>2.13</b>	<b>4.88</b>	<b>0.00</b>	<b>&lt;50</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>
<b>MW-5</b>										
06/04/92	3.61	3.25	0.36	--	560	110	0.5	37	2.2	--
10/13/92	3.61	4.20	-0.59	--	1,200	150	<2.5	84	8.6	--
01/11/93	3.61	1.30	2.31	--	1,300	48	1.0	83	33	--
04/14/93	3.61	1.20	2.41	--	2,600	240	6.1	250	170	--
07/13/93	3.61	3.15	0.46	--	1,700	260	7.8	160	100	--

**TABLE 1**  
**GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS**  
**FORMER CHEVRON SERVICE STATION 9-1153**  
**3135 GIBBONS DRIVE (3126 FERNSIDE BOULEVARD), ALAMEDA, CALIFORNIA**

<i>WELL ID/ DATE</i>	<i>TOC* (ft-msl)</i>	<i>DTW (ft.)</i>	<i>GWE (ft-msl)</i>	<i>LNAPLT (ft.)</i>	<i>TPHg (µg/L)</i>	<i>B (µg/L)</i>	<i>T (µg/L)</i>	<i>E (µg/L)</i>	<i>X (µg/L)</i>	<i>MTBE (µg/L)</i>
<b>MW-5 (cont)</b>										
10/19/93	3.61	3.82	-0.21	--	1,900	190	3.3	200	93	--
11/30/93	7.04	3.56	3.48	--	--	--	--	--	--	--
01/27/94	7.04	2.42	4.62	--	4,000	100	12	210	110	--
04/07/94	7.04	2.33	4.71	--	2,600	170	10	150	88	--
07/01/94	7.04	3.18	3.86	--	2,300	350	9.1	110	76	--
10/05/94	7.04	3.98	3.06	--	11,000	840	150	130	340	--
01/12/95	7.04	0.40	6.64	--	2,300	82	<2.5	54	20	--
04/26/95	7.04	0.50	6.54	--	1,600	52	<5.0	36	61	--
07/12/95	7.04	2.41	4.63	--	2,800	150	<5.0	34	38	--
10/30/95	7.04	3.78	3.26	--	1,100	81	<5.0	<5.0	<5.0	35
01/22/96	7.04	0.78	6.26	--	880	7.3	<2.0	15	4.8	<10
04/24/96	7.04	1.65	5.39	--	1,600	51	3.8	14	5.6	56
07/29/96	7.04	INACCESSIBLE		--	--	--	--	--	--	--
10/10/96	7.04	3.60	3.44	--	1,000	18	<1.2	1.5	<1.2	<6.2
01/15/97	7.04	0.45	6.59	--	520	0.84	<0.5	3.1	1.2	8.4
04/03/97	7.04	2.11	4.93	--	1,400	13	<2.0	4.3	8.4	32
07/09/97	7.04	3.71	3.33	--	810	3.6	0.97	<0.5	<0.5	9.7
10/29/97	7.04	4.20	2.84	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
01/14/98	7.04	0.00	7.04	--	430	5.8	2.4	<0.5	1.6	17
04/17/98	7.04	0.71	6.33	--	SAMPLED SEMI-ANNUALLY			--	--	--
07/15/98	7.04	0.00	7.04	--	990	11	3.9	0.56	2.2	61
10/27/98	7.04	4.23	2.81	--	--	--	--	--	--	--



**TABLE 1**  
**GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS**  
**FORMER CHEVRON SERVICE STATION 9-1153**  
**3135 GIBBONS DRIVE (3126 FERNSIDE BOULEVARD), ALAMEDA, CALIFORNIA**

<i>WELL ID/ DATE</i>	<i>TOC* (ft-msl)</i>	<i>DTW (ft.)</i>	<i>GWE (ft-msl)</i>	<i>LNAPLT (ft.)</i>	<i>TPHg (µg/L)</i>	<i>B (µg/L)</i>	<i>T (µg/L)</i>	<i>E (µg/L)</i>	<i>X (µg/L)</i>	<i>MTBE (µg/L)</i>
<b>MW-5 (cont)</b>										
01/20/99	7.04	2.58	4.46	--	168	<0.5	<0.5	<0.5	0.692	<2.0
04/19/99	7.04	2.07	4.97	--	--	--	--	--	--	--
07/29/99	7.04	3.43	3.61	--	246	1.54	<0.5	<0.5	<0.5	<5.0/<2.0 <sup>2</sup>
10/13/99	7.04	INACCESSIBLE		--	--	--	--	--	--	--
01/25/00	7.04	1.51	5.53	--	169	1.94	<0.5	<0.5	<0.5	201
04/03/00	7.04	1.20	5.84	0.00	--	--	--	--	--	--
07/03/00	7.04	2.98	4.06	0.00	320 <sup>6,10</sup>	5.3	1.1	<0.50	<0.50	5.0
10/23/00	7.04	4.18	2.86	0.00	--	--	--	--	--	--
01/08/01 <sup>11</sup>	7.04	2.92	4.12	0.00	220 <sup>6</sup>	3.9	<0.50	<0.50	<0.50	7.7
04/09/01	7.04	1.01	6.03	0.00	--	--	--	--	--	--
08/23/01	7.04	3.48	3.56	0.00	630	40	3.5	<2.5	<2.5	43
11/27/01	7.04	3.05	3.99	0.00	SAMPLED SEMI-ANNUALLY			--	--	--
02/26/02	7.04	1.00	6.04	0.00	410	4.3	<0.50	<0.50	<1.5	<2.5
05/23/02	7.04	2.21	4.83	0.00	SAMPLED SEMI-ANNUALLY			--	--	--
08/09/02	7.04	3.38	3.66	0.00	240	1.3	<0.50	<0.50	<1.5	<2.5
11/08/02	7.04	4.56	2.48	0.00	SAMPLED SEMI-ANNUALLY			--	--	--
02/07/03	7.04	1.42	5.62	0.00	380	3.2	<0.50	0.64	<1.5	<2.5
05/09/03	7.04	1.25	5.79	0.00	SAMPLED SEMI-ANNUALLY			--	--	--
08/15/03 <sup>15</sup>	7.04	3.61	3.43	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/14/03	7.04	3.57	3.47	0.00	SAMPLED SEMI-ANNUALLY			--	--	--
02/13/04 <sup>15</sup>	7.04	1.50	5.54	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/14/04	7.04	2.47	4.57	0.00	SAMPLED SEMI-ANNUALLY			--	--	--

**TABLE 1**  
**GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS**  
**FORMER CHEVRON SERVICE STATION 9-1153**  
**3135 GIBBONS DRIVE (3126 FERNSIDE BOULEVARD), ALAMEDA, CALIFORNIA**

<i>WELL ID/ DATE</i>	<i>TOC* (ft-msl)</i>	<i>DTW (ft.)</i>	<i>GWE (ft-msl)</i>	<i>LNAPLT (ft.)</i>	<i>TPHg (µg/L)</i>	<i>B (µg/L)</i>	<i>T (µg/L)</i>	<i>E (µg/L)</i>	<i>X (µg/L)</i>	<i>MTBE (µg/L)</i>
<b>MW-5 (cont)</b>										
08/13/04 <sup>15</sup>	7.04	5.46	1.58	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/12/04	7.04	4.65	2.39	0.00	SAMPLED SEMI-ANNUALLY			--	--	--
02/11/05 <sup>15</sup>	7.04	1.20	5.84	0.00	130	<0.5	<0.5	<0.5	<0.5	<0.5
05/13/05	7.04	4.36	2.68	0.00	SAMPLED SEMI-ANNUALLY			--	--	--
08/19/05 <sup>15</sup>	7.04	2.78	4.26	0.00	96	<0.5	<0.5	<0.5	<0.5	<0.5
11/18/05	7.04	4.51	2.53	0.00	SAMPLED SEMI-ANNUALLY			--	--	--
02/10/06 <sup>15</sup>	7.04	1.12	5.92	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/12/06	7.04	2.23	4.81	0.00	SAMPLED SEMI-ANNUALLY			--	--	--
08/11/06 <sup>15</sup>	7.04	3.40	3.64	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/17/06	7.04	4.16	2.88	0.00	SAMPLED SEMI-ANNUALLY			--	--	--
02/16/07 <sup>15</sup>	7.04	1.22	5.82	0.00	<50	<0.5	<0.7	<0.8	<0.8	<0.5
05/17/07	7.04	4.06	2.98	0.00	SAMPLED SEMI-ANNUALLY			--	--	--
08/09/07 <sup>15</sup>	7.04	3.61	3.43	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/08/07	7.04	3.70	3.34	0.00	SAMPLED SEMI-ANNUALLY			--	--	--
02/06/08 <sup>15</sup>	7.04	1.06	5.98	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/07/08	7.04	3.57	3.47	0.00	SAMPLED SEMI-ANNUALLY			--	--	--
09/11/08 <sup>15</sup>	7.04	4.58	2.46	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/10/08	7.04	4.26	2.78	0.00	SAMPLED SEMI-ANNUALLY			--	--	--
02/09/09 <sup>15</sup>	7.04	2.15	4.89	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/28/09	7.04	2.76	4.28	0.00	SAMPLED SEMI-ANNUALLY			--	--	--
08/18/09 <sup>15</sup>	7.04	3.81	3.23	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/17/09	7.04	4.02	3.02	0.00	SAMPLED SEMI-ANNUALLY			--	--	--

**TABLE 1**  
**GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS**  
**FORMER CHEVRON SERVICE STATION 9-1153**  
**3135 GIBBONS DRIVE (3126 FERNSIDE BOULEVARD), ALAMEDA, CALIFORNIA**

<i>WELL ID/ DATE</i>	<i>TOC* (ft-msl)</i>	<i>DTW (ft.)</i>	<i>GWE (ft-msl)</i>	<i>LNAPLT (ft.)</i>	<i>TPHg (µg/L)</i>	<i>B (µg/L)</i>	<i>T (µg/L)</i>	<i>E (µg/L)</i>	<i>X (µg/L)</i>	<i>MTBE (µg/L)</i>
<b>MW-5 (cont)</b>										
03/31/10 <sup>15</sup>	7.04	1.86	5.18	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
<b>MW-6</b>										
06/04/92	3.85	3.89	-0.04	--	210	54	<0.5	1.9	2.4	--
10/13/92	3.85	4.56	-0.71	--	10,000	5,300	<10	70	<10	--
01/11/93	3.85	2.36	1.49	--	100	50	<0.5	<0.5	<0.5	--
04/14/93	3.85	3.15	0.70	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/13/93	3.85	3.94	-0.09	--	<50	1.8	<0.5	<0.5	<1.5	--
10/19/93	3.85	4.40	-0.55	--	320	150	<0.5	0.8	<0.5	--
11/30/93	7.27	4.16	3.11	--	--	--	--	--	--	--
01/27/94	7.27	3.33	3.94	--	120	45	<0.5	<0.5	<0.5	--
04/07/94	7.27	3.43	3.84	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/01/94	7.27	3.94	3.33	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/05/94	7.27	4.38	2.89	--	8,300	2,400	160	42	190	--
01/12/95 <sup>1</sup>	7.27	2.43	4.84	--	<50	12	<0.5	<0.5	<0.5	--
04/26/95	7.27	2.06	5.21	--	<50	5.5	0.67	<0.5	1.3	--
07/12/95	7.27	3.53	3.74	--	65	27	<0.5	<0.5	<0.5	--
10/30/95	7.27	4.34	2.93	--	<50	3.9	<0.5	<0.5	<0.5	<2.5
01/22/96	7.27	2.61	4.66	--	<50	0.93	<0.5	<0.5	<0.5	<2.5
04/24/96	7.27	2.50	4.77	--	260	110	<1.2	<1.2	<1.2	<6.2
07/29/96	7.27	3.85	3.42	--	<50	23	<0.5	<0.5	<0.5	<2.5
10/10/96	7.27	4.37	2.90	--	79	31	<0.5	<0.5	<0.5	<2.5

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**FORMER CHEVRON SERVICE STATION 9-1153**  
**3135 GIBBONS DRIVE (3126 FERNSIDE BOULEVARD), ALAMEDA, CALIFORNIA**

<i>WELL ID/ DATE</i>	<i>TOC* (ft-msl)</i>	<i>DTW (ft.)</i>	<i>GWE (ft-msl)</i>	<i>LNAPLT (ft.)</i>	<i>TPHg (µg/L)</i>	<i>B (µg/L)</i>	<i>T (µg/L)</i>	<i>E (µg/L)</i>	<i>X (µg/L)</i>	<i>MTBE (µg/L)</i>
<b>MW-6 (cont)</b>										
01/15/97	7.27	2.63	4.64	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/03/97	7.27	3.42	3.85	--	670	360	<5.0	<5.0	<5.0	<25
07/09/97	7.27	4.29	2.98	--	330	140	<2.0	<2.0	<2.0	<10
10/29/97	7.27	4.56	2.71	--	400	260	<2.0	<2.0	<2.0	5.8
01/14/98	7.27	1.01	6.26	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/17/98	7.27	2.94	4.33	--	<50	1.7	<0.5	<0.5	<0.5	<2.5
07/15/98	7.27	4.72	2.55	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
10/27/98	7.27	INACCESSIBLE		--	--	--	--	--	--	--
11/25/98	7.27	4.16	3.11	--	110 <sup>3</sup>	54	<0.5	<0.5	<0.5	<2.5
01/20/99	7.27	3.45	3.82	--	<50	10	<0.5	<0.5	<0.5	<2.0
04/19/99	7.27	3.39	3.88	--	<50	2.6	<0.5	<0.5	<0.5	<2.5/<2.0 <sup>2</sup>
07/29/99 <sup>4</sup>	7.27	4.34	2.93	--	<5,000	2,590	<50	<50	<50	<500
10/13/99	7.27	5.89	1.38	--	9,270	4,610	44.2	<25	<25	<125
01/25/00	7.27	4.11	3.16	--	529	289	<0.5	<0.5	<0.5	738
04/03/00 <sup>7,8</sup>	7.27	2.84	4.43	0.00	<50	<0.50	<0.50	<0.50	<0.50	<2.5
07/03/00 <sup>7</sup>	7.27	3.77	3.50	0.00	91 <sup>6</sup>	89	0.77	<0.50	<0.50	<2.5
10/12/00	7.27	6.32	0.95	0.00	<50	8.0	<0.50	<0.50	<0.50	<2.5
01/08/01 <sup>7,11</sup>	7.27	3.74	3.53	0.00	400 <sup>6</sup>	640	8.2	8.0	5.0	10
04/09/01 <sup>7</sup>	7.27	3.03	4.24	0.00	91.3	22.0	3.36	0.751	2.14	<0.500
08/23/01 <sup>7</sup>	7.27	4.70	2.57	0.00	53 <sup>13</sup>	23	0.50	<0.50	1.1	<2.5
11/27/01 <sup>14</sup>	7.27	4.43	2.84	0.00	<50	4.1	<0.50	<0.50	<1.5	<2.5
02/26/02 <sup>14</sup>	7.27	2.50	4.77	0.00	100	53	<0.50	<0.50	<1.5	<2.5

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**3135 GIBBONS DRIVE (3126 FERNSIDE BOULEVARD), ALAMEDA, CALIFORNIA**

<i>WELL ID/ DATE</i>	<i>TOC* (ft-msl)</i>	<i>DTW (ft.)</i>	<i>GWE (ft-msl)</i>	<i>LNAPLT (ft.)</i>	<i>TPHg (µg/L)</i>	<i>B (µg/L)</i>	<i>T (µg/L)</i>	<i>E (µg/L)</i>	<i>X (µg/L)</i>	<i>MTBE (µg/L)</i>
<b>MW-6 (cont)</b>										
05/23/02	7.27	3.27	4.00	0.00	<b>610</b>	<b>260</b>	<b>4.2</b>	<b>1.7</b>	<b>2.1</b>	<2.5
08/09/02	7.27	4.11	3.16	0.00	<50	<b>1.1</b>	<0.50	<0.50	<1.5	<2.5
11/08/02	7.27	4.12	3.15	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5
02/07/03	7.27	2.60	4.67	0.00	<50	0.65	<0.50	<0.50	<1.5	<2.5
05/09/03	7.27	2.57	4.70	0.00	<50	1.9	<0.5	<0.5	<1.5	<2.5
08/15/03 <sup>15</sup>	7.27	4.15	3.12	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/14/03 <sup>15</sup>	7.27	4.10	3.17	0.00	<50	<0.5	0.6	<0.5	<0.5	1
02/13/04 <sup>15</sup>	7.27	2.66	4.61	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/14/04 <sup>15</sup>	7.27	3.55	3.72	0.00	<50	3	<0.5	<0.5	<0.5	<0.5
08/13/04 <sup>15</sup>	7.27	4.32	2.95	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/12/04 <sup>15</sup>	7.27	4.20	3.07	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
02/11/05 <sup>15</sup>	7.27	2.18	5.09	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/13/05 <sup>15</sup>	7.27	4.11	3.16	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
08/19/05 <sup>15</sup>	7.27	3.70	3.57	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/18/05 <sup>15</sup>	7.27	3.98	3.29	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
02/10/06 <sup>15</sup>	7.27	2.11	5.16	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/12/06 <sup>15</sup>	7.27	3.18	4.09	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
08/11/06 <sup>15</sup>	7.27	3.80	3.47	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/17/06 <sup>15</sup>	7.27	3.78	3.49	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
02/16/07 <sup>15</sup>	7.27	2.08	5.19	0.00	<50	1	<0.5	<0.5	<0.5	<0.5
05/17/07 <sup>15</sup>	7.27	3.61	3.66	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
08/09/07 <sup>15</sup>	7.27	4.05	3.22	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5

TABLE 1

**GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS  
FORMER CHEVRON SERVICE STATION 9-1153  
3135 GIBBONS DRIVE (3126 FERNSIDE BOULEVARD), ALAMEDA, CALIFORNIA**

<i>WELL ID/ DATE</i>	<i>TOC* (ft-msl)</i>	<i>DTW (ft.)</i>	<i>GWE (ft-msl)</i>	<i>LNAPLT (ft.)</i>	<i>TPHg (µg/L)</i>	<i>B (µg/L)</i>	<i>T (µg/L)</i>	<i>E (µg/L)</i>	<i>X (µg/L)</i>	<i>MTBE (µg/L)</i>
<b>MW-6 (cont)</b>										
11/08/07 <sup>15</sup>	7.27	4.12	3.15	0.00	<50	5	<0.5	<0.5	<0.5	<0.5
02/06/08 <sup>15</sup>	7.27	1.85	5.42	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/07/08 <sup>15</sup>	7.27	3.91	3.36	0.00	63	18	<0.5	<0.5	<0.5	<0.5
09/11/08 <sup>15</sup>	7.27	4.93	2.34	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/10/08 <sup>15</sup>	7.27	4.30	2.97	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
02/09/09 <sup>15</sup>	7.27	2.97	4.30	0.00	<50	2	<0.5	<0.5	<0.5	<0.5
05/28/09 <sup>15</sup>	7.27	3.53	3.74	0.00	<50	4	<0.5	<0.5	<0.5	<0.5
08/18/09 <sup>15</sup>	7.27	3.38	3.89	0.00	560	130	3	<0.5	0.7 J	<0.5
11/17/09	7.27	4.00	3.27	0.00	MONITORED/SAMPLED SEMI-ANNUALLY				--	--
<b>03/31/10<sup>15</sup></b>	<b>7.27</b>	<b>2.44</b>	<b>4.83</b>	<b>0.00</b>	<b>&lt;50</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>
<b>MW-7</b>										
11/30/93	8.22	5.33	2.89	--	480	110	41	4.4	38	--
01/27/94	8.22	4.50	3.72	--	120	21	1.1	2.2	4.8	--
04/07/94	8.22	4.62	3.60	--	2,600	630	39	56	94	--
07/01/94	8.22	5.13	3.09	--	2,200	770	42	<10	92	--
10/05/94	8.22	5.61	2.61	--	15,000	3,300	90	130	320	--
01/12/95	8.22	2.83	5.39	--	340	57	<1.3	18	6.4	--
04/26/95	8.22	2.35	5.87	--	15,000	3,700	210	520	800	--
07/12/95	8.22	4.66	3.56	--	7,700	1,800	59	130	370	--
10/30/95	8.22	5.48	2.74	--	770	260	<5.0	33	48	25
01/22/96	8.22	3.34	4.88	--	290	63	<1.0	6.4	5.7	<5.0

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<i>WELL ID/ DATE</i>	<i>TOC* (ft-msl)</i>	<i>DTW (ft.)</i>	<i>GWE (ft-msl)</i>	<i>LNAPLT (ft.)</i>	<i>TPHg (µg/L)</i>	<i>B (µg/L)</i>	<i>T (µg/L)</i>	<i>E (µg/L)</i>	<i>X (µg/L)</i>	<i>MTBE (µg/L)</i>
<b>MW-7 (cont)</b>										
04/24/96	8.22	4.12	4.10	--	12,000	2,500	510	380	810	<125
07/29/96	8.22	5.03	3.19	--	2,600	650	<25	61	150	<125
10/10/96	8.22	5.52	2.70	--	5,800	1,700	28	170	210	<62
01/15/97	8.22	2.92	5.30	--	1,000	230	<2.5	28	11	63
04/03/97	8.22	4.65	3.57	--	6,000	1,800	100	140	170	<100
07/09/97	8.22	5.39	2.83	--	5,500	2,200	<20	41	30	<100
10/29/97	8.22	5.58	2.64	--	220	40	0.61	3.0	2.4	7.6
01/14/98	8.22	2.80	5.42	--	140	5.1	<0.5	<0.5	1.4	<2.5
04/17/98	8.22	3.00	5.22	--	13,000	4,200	98	250	240	250
07/15/98	8.22	INACCESSIBLE		--	--	--	--	--	--	--
08/17/98 <sup>5</sup>	7.92	5.52	2.40	--	1,600	380	51	68	280	22
10/27/98	7.92	7.51	0.41	--	190	2.3	0.53	<0.5	<0.5	33
01/20/99	7.92	3.45	4.47	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0
04/19/99	7.92	4.61	3.31	--	6,500	3,000	<0.5	110	210	310/150 <sup>2</sup>
07/29/99 <sup>4</sup>	7.92	5.00	2.92	--	8,390	2,100	129	222	729	248
10/13/99	7.92	5.61	2.31	--	14,300	6,600	58.8	117	190	<125
01/25/00	7.92	3.32	4.60	--	1,100	184	<5.0	13.5	33.7	151
04/03/00 <sup>7,9</sup>	7.92	3.38	4.54	0.00	2,600 <sup>6</sup>	780	12	<5.0	61	95
07/03/00 <sup>7</sup>	7.92	4.34	3.58	0.00	4,100 <sup>6</sup>	2,600	72	240	690	<50
10/23/00	7.92	6.11	1.81	0.00	12,000 <sup>6</sup>	2,600	<50	150	290	<250
01/08/01 <sup>7,11</sup>	7.92	4.32	3.60	0.00	3,900 <sup>6</sup>	2,200	61	140	350	<25
04/09/01 <sup>7</sup>	7.92	3.63	4.29	0.00	25,100	4,590	1,200	843	1,920	48.1

TABLE 1

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3135 GIBBONS DRIVE (3126 FERNSIDE BOULEVARD), ALAMEDA, CALIFORNIA**

<i>WELL ID/ DATE</i>	<i>TOC* (ft-msl)</i>	<i>DTW (ft.)</i>	<i>GWE (ft-msl)</i>	<i>LNAPLT (ft.)</i>	<i>TPHg (µg/L)</i>	<i>B (µg/L)</i>	<i>T (µg/L)</i>	<i>E (µg/L)</i>	<i>X (µg/L)</i>	<i>MTBE (µg/L)</i>
<b>MW-7 (cont)</b>										
08/23/01 <sup>7</sup>	7.92	4.83	3.09	0.00	27,000	4,100	970	1,100	3,500	<500
11/27/01	7.92	4.30	3.62	0.00	12,000	1,800	50	450	830	91
02/26/02	7.92	3.00	4.92	0.00	15,000	3,100	260	380	860	<10
05/23/02	7.92	3.69	4.23	0.00	28,000	6,000	120	820	1,900	42
08/09/02	7.92	4.38	3.54	0.00	24,000	3,700	81	710	1,300	56
11/08/02	7.92	4.43	3.49	0.00	18,000	2,300	150	660	1,400	<100
02/07/03	7.92	3.20	4.72	0.00	13,000	2,300	200	310	620	<25
05/09/03	7.92	3.18	4.74	0.00	17,000	4,200	36	350	360	<50
08/15/03 <sup>15</sup>	7.92	4.75	3.17	0.00	29,000	7,300	140	780	1,900	<5
11/14/03 <sup>15</sup>	7.92	4.95	2.97	0.00	7,200	950	3	45	20	7
02/13/04 <sup>15</sup>	7.92	3.29	4.63	0.00	3,300	360	4	82	130	3
05/14/04 <sup>15</sup>	7.92	3.98	3.94	0.00	17,000	3,100	480	510	1,300	3
08/13/04 <sup>15</sup>	7.92	5.94	1.98	0.00	10,000	2,000	4	130	150	4
11/12/04 <sup>15</sup>	7.92	4.50	3.42	0.00	680	4	<0.5	1	0.7	0.8
02/11/05 <sup>15</sup>	7.92	3.07	4.85	0.00	4,600	680	6	80	44	4
05/13/05 <sup>15</sup>	7.92	4.51	3.41	0.00	4,200	380	3	38	13	2
08/19/05 <sup>15</sup>	7.92	4.03	3.89	0.00	7,900	1,300	3	190	310	<1
11/18/05 <sup>15</sup>	7.92	4.62	3.30	0.00	3,900	4	1	16	8	2
02/10/06 <sup>15</sup>	7.92	3.12	4.80	0.00	3,200	320	2	14	8	2
05/12/06 <sup>15</sup>	7.92	4.25	3.67	0.00	3,600	1,000	2	65	27	<1
08/11/06 <sup>15</sup>	7.92	4.45	3.47	0.00	6,700	1,900	6	280	300	<1
11/17/06 <sup>15</sup>	7.92	4.71	3.21	0.00	1,200	0.6	<0.5	1	0.8	<0.5



**TABLE 1**  
**GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS**  
**FORMER CHEVRON SERVICE STATION 9-1153**  
**3135 GIBBONS DRIVE (3126 FERNSIDE BOULEVARD), ALAMEDA, CALIFORNIA**

<i>WELL ID/ DATE</i>	<i>TOC* (ft-msl)</i>	<i>DTW (ft.)</i>	<i>GWE (ft-msl)</i>	<i>LNAPLT (ft.)</i>	<i>TPHg (µg/L)</i>	<i>B (µg/L)</i>	<i>T (µg/L)</i>	<i>E (µg/L)</i>	<i>X (µg/L)</i>	<i>MTBE (µg/L)</i>	
<b>MW-7 (cont)</b>											
02/16/07 <sup>15</sup>	7.92	3.26	4.66	0.00	110	<0.5	<0.5	<0.5	<0.5	<0.5	
05/17/07 <sup>15</sup>	7.92	4.62	3.30	0.00	6,400	1,400	4	130	26	<1	
08/09/07 <sup>15</sup>	7.92	4.61	3.31	0.00	10,000	1,400	4	230	12	<3	
11/08/07 <sup>15</sup>	7.92	4.72	3.20	0.00	2,300	4	1	3	7	0.9	
02/06/08 <sup>15</sup>	7.92	2.98	4.94	0.00	190	<0.5	<0.5	<0.5	<0.5	<0.5	
05/07/08 <sup>15</sup>	7.92	4.48	3.44	0.00	8,000	1,500	15	380	260	<1	
09/11/08 <sup>15</sup>	7.92	5.95	1.97	0.00	5,100	530	4	47	12	0.7	
11/10/08 <sup>15</sup>	7.92	5.81	2.11	0.00	2,800	13	1	1	7	<0.5	
02/09/09 <sup>15</sup>	7.92	4.06	3.86	0.00	3,900	190	2	51	11	0.5	
05/28/09 <sup>15,17</sup>	7.92	3.84	4.08	0.00	5,800	870 J	8 J	220 J	27 J	<0.5 UJ	
08/18/09 <sup>15</sup>	7.92	4.80	3.12	0.00	6,700	660	4	110	13	0.7 J	
11/17/09	7.92	4.52	3.40	0.00	MONITORED/SAMPLED SEMI-ANNUALLY					--	--
<b>03/31/10<sup>15</sup></b>	<b>7.92</b>	<b>3.11</b>	<b>4.81</b>	<b>0.00</b>	<b>2,000</b>	<b>110</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>0.7 J</b>	
<b>MW-8</b>											
10/17/95	6.96	4.40	2.56	--	--	--	--	--	--	--	
10/30/95	6.96	4.44	2.52	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	
01/22/96	6.96	2.24	4.72	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	
04/24/96	6.96	2.97	3.99	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	
07/29/96	6.96	3.37	3.59	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	
10/10/96	6.96	4.12	2.84	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	
01/15/97	6.96	0.94	6.02	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	

TABLE 1

**GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS  
FORMER CHEVRON SERVICE STATION 9-1153  
3135 GIBBONS DRIVE (3126 FERNSIDE BOULEVARD), ALAMEDA, CALIFORNIA**

<i>WELL ID/ DATE</i>	<i>TOC* (ft-msl)</i>	<i>DTW (ft.)</i>	<i>GWE (ft-msl)</i>	<i>LNAPLT (ft.)</i>	<i>TPHg (µg/L)</i>	<i>B (µg/L)</i>	<i>T (µg/L)</i>	<i>E (µg/L)</i>	<i>X (µg/L)</i>	<i>MTBE (µg/L)</i>
<b>MW-8 (cont)</b>										
04/03/97	6.96	2.20	4.76	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
07/09/97	6.96	4.30	2.66	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
10/29/97	6.96	4.57	2.39	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
01/14/98	6.96	0.83	6.13	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
01/20/99	6.96	2.69	4.27	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0
04/19/99	6.96	3.76	3.20	--	--	--	--	--	--	--
01/25/00	6.96	1.41	5.55	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/03/00	6.96	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--
07/03/00	6.96	--	--	--	--	--	--	--	--	--
10/23/00	6.96	--	--	--	--	--	--	--	--	--
01/08/01 <sup>11</sup>	6.96	3.58	3.38	0.00	<50	<0.50	<0.50	<0.50	<0.50	<2.5
04/09/01	6.96	--	--	--	--	--	--	--	--	--
08/23/01	6.96	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--
11/27/01	6.96	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--
02/26/02	6.96	2.91	4.05	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5
05/23/02	6.96	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--
08/09/02	6.96	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--
11/08/02	6.96	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--
02/07/03	6.96	3.13	3.83	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5
05/09/03	6.96	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--
08/15/03	6.96	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--
11/14/03	6.96	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--

TABLE 1

**GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS  
FORMER CHEVRON SERVICE STATION 9-1153  
3135 GIBBONS DRIVE (3126 FERNSIDE BOULEVARD), ALAMEDA, CALIFORNIA**

<i>WELL ID/ DATE</i>	<i>TOC* (ft-msl)</i>	<i>DTW (ft.)</i>	<i>GWE (ft-msl)</i>	<i>LNAPLT (ft.)</i>	<i>TPHg (µg/L)</i>	<i>B (µg/L)</i>	<i>T (µg/L)</i>	<i>E (µg/L)</i>	<i>X (µg/L)</i>	<i>MTBE (µg/L)</i>
<b>MW-8 (cont)</b>										
02/13/04 <sup>15</sup>	6.96	3.20	3.76	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/14/04	6.96	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--
11/12/04	6.96	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--
02/11/05 <sup>15</sup>	6.96	2.85	4.11	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/13/05	6.96	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--
08/19/05	6.96	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--
11/18/05	6.96	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--
02/10/06 <sup>15</sup>	6.96	2.74	4.22	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
05/12/06	6.96	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--
08/11/06	6.96	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--
11/17/06	6.96	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--
02/16/07 <sup>15</sup>	6.96	2.69	4.27	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/17/07	6.96	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--
08/09/07	6.96	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--
11/08/07	6.96	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--
02/06/08 <sup>15</sup>	6.96	2.57	4.39	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/07/08	6.96	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--
09/11/08	6.96	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--
11/10/08	6.96	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--
02/09/09 <sup>15</sup>	6.96	3.28	3.68	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/28/09	6.96	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--
08/18/09	6.96	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--

TABLE 1

**GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS  
FORMER CHEVRON SERVICE STATION 9-1153  
3135 GIBBONS DRIVE (3126 FERNSIDE BOULEVARD), ALAMEDA, CALIFORNIA**

<i>WELL ID/ DATE</i>	<i>TOC* (ft-msl)</i>	<i>DTW (ft.)</i>	<i>GWE (ft-msl)</i>	<i>LNAPLT (ft.)</i>	<i>TPHg (µg/L)</i>	<i>B (µg/L)</i>	<i>T (µg/L)</i>	<i>E (µg/L)</i>	<i>X (µg/L)</i>	<i>MTBE (µg/L)</i>	
<b>MW-8 (cont)</b>											
11/17/09	6.96	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--	--
03/31/10 <sup>15</sup>	6.96	2.85	4.11	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	
<b>MW-9</b>											
10/17/95	7.21	4.80	2.41	--	--	--	--	--	--	--	
10/30/95	7.21	4.97	2.24	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	
01/22/96	7.21	3.40	3.81	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	
04/24/96	7.21	4.18	3.03	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	
07/29/96	7.21	4.69	2.52	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	
10/10/96	7.21	5.20	2.01	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	
01/15/97	7.21	3.31	3.90	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	
04/03/97	7.21	4.57	2.64	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	
07/09/97	7.21	5.04	2.17	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	
10/29/97	7.21	4.96	2.25	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	
01/14/98	7.21	2.40	4.81	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	
01/20/99	7.21	4.31	2.90	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0	
04/19/99	7.21	3.92	3.29	--	--	--	--	--	--	--	
01/25/00	7.21	2.95	4.26	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	
04/03/00	7.21	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--	--
07/03/00	7.21	--	--	--	--	--	--	--	--	--	
10/23/00	7.21	--	--	--	--	--	--	--	--	--	
01/08/01 <sup>11</sup>	7.21	4.59	2.62	0.00	<50	<0.50	<0.50	<0.50	<0.50	<2.5	

**TABLE 1**  
**GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS**  
**FORMER CHEVRON SERVICE STATION 9-1153**  
**3135 GIBBONS DRIVE (3126 FERNSIDE BOULEVARD), ALAMEDA, CALIFORNIA**

<i>WELL ID/ DATE</i>	<i>TOC* (ft-msl)</i>	<i>DTW (ft.)</i>	<i>GWE (ft-msl)</i>	<i>LNAPLT (ft.)</i>	<i>TPHg (µg/L)</i>	<i>B (µg/L)</i>	<i>T (µg/L)</i>	<i>E (µg/L)</i>	<i>X (µg/L)</i>	<i>MTBE (µg/L)</i>
<b>MW-9 (cont)</b>										
04/09/01	7.21	--	--	--	--	--	--	--	--	--
08/23/01	7.21	MONITORED/SAMPLED ANNUALLY								
11/27/01	7.21	MONITORED/SAMPLED ANNUALLY								
02/26/02	7.21	3.75	3.46	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5
05/23/02	7.21	MONITORED/SAMPLED ANNUALLY								
08/09/02	7.21	MONITORED/SAMPLED ANNUALLY								
11/08/02	7.21	MONITORED/SAMPLED ANNUALLY								
02/07/03	7.21	3.97	3.24	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5
05/09/03	7.21	MONITORED/SAMPLED ANNUALLY								
08/15/03	7.21	MONITORED/SAMPLED ANNUALLY								
11/14/03	7.21	MONITORED/SAMPLED ANNUALLY								
02/13/04 <sup>15</sup>	7.21	3.94	3.27	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/14/04	7.21	MONITORED/SAMPLED ANNUALLY								
11/12/04	7.21	MONITORED/SAMPLED ANNUALLY								
02/11/05 <sup>15</sup>	7.21	3.66	3.55	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/13/05	7.21	MONITORED/SAMPLED ANNUALLY								
08/19/05	7.21	MONITORED/SAMPLED ANNUALLY								
11/18/05	7.21	MONITORED/SAMPLED ANNUALLY								
02/10/06 <sup>15</sup>	7.21	3.53	3.68	0.00	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
05/12/06	7.21	MONITORED/SAMPLED ANNUALLY								
08/11/06	7.21	MONITORED/SAMPLED ANNUALLY								
11/17/06	7.21	MONITORED/SAMPLED ANNUALLY								

TABLE 1

**GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS  
FORMER CHEVRON SERVICE STATION 9-1153  
3135 GIBBONS DRIVE (3126 FERNSIDE BOULEVARD), ALAMEDA, CALIFORNIA**

<i>WELL ID/ DATE</i>	<i>TOC* (ft-msl)</i>	<i>DTW (ft.)</i>	<i>GWE (ft-msl)</i>	<i>LNAPLT (ft.)</i>	<i>TPHg (µg/L)</i>	<i>B (µg/L)</i>	<i>T (µg/L)</i>	<i>E (µg/L)</i>	<i>X (µg/L)</i>	<i>MTBE (µg/L)</i>
<b>MW-9 (cont)</b>										
02/16/07 <sup>15</sup>	7.21	3.50	3.71	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/17/07	7.21	MONITORED/SAMPLED ANNUALLY								
08/09/07	7.21	MONITORED/SAMPLED ANNUALLY								
11/08/07	7.21	MONITORED/SAMPLED ANNUALLY								
02/06/08 <sup>15</sup>	7.21	3.14	4.07	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/07/08	7.21	MONITORED/SAMPLED ANNUALLY								
09/11/08	7.21	MONITORED/SAMPLED ANNUALLY								
11/10/08	7.21	MONITORED/SAMPLED ANNUALLY								
02/09/09 <sup>15</sup>	7.21	3.91	3.30	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/28/09	7.21	MONITORED/SAMPLED ANNUALLY								
08/18/09	7.21	MONITORED/SAMPLED ANNUALLY								
11/17/09	7.21	MONITORED/SAMPLED ANNUALLY								
<b>03/31/10<sup>15</sup></b>	<b>7.21</b>	<b>3.16</b>	<b>4.05</b>	<b>0.00</b>	<b>&lt;50</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>
<b>MW-10</b>										
10/17/95	7.28	5.05	2.23	--	--	--	--	--	--	--
10/30/95	7.28	5.11	2.17	--	<50	<0.5	<0.5	<0.5	<0.5	5.1
01/22/96	7.28	4.03	3.25	--	<50	<0.5	<0.5	<0.5	0.70	17
04/24/96	7.28	4.30	2.98	--	<50	<0.5	<0.5	<0.5	<0.5	12
07/29/96	7.28	4.70	2.58	--	<50	<0.5	<0.5	<0.5	<0.5	14
10/10/96	7.28	5.24	2.04	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
01/15/97	7.28	3.35	3.93	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5

**TABLE 1**  
**GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS**  
**FORMER CHEVRON SERVICE STATION 9-1153**  
**3135 GIBBONS DRIVE (3126 FERNSIDE BOULEVARD), ALAMEDA, CALIFORNIA**

<i>WELL ID/ DATE</i>	<i>TOC* (ft-msl)</i>	<i>DTW (ft.)</i>	<i>GWE (ft-msl)</i>	<i>LNAPLT (ft.)</i>	<i>TPHg (µg/L)</i>	<i>B (µg/L)</i>	<i>T (µg/L)</i>	<i>E (µg/L)</i>	<i>X (µg/L)</i>	<i>MTBE (µg/L)</i>	
<b>MW-10 (cont)</b>											
04/03/97	7.28	4.64	2.64	--	<50	<0.5	<0.5	<0.5	<0.5	8.2	
07/09/97	7.28	5.12	2.16	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	
10/29/97	7.28	5.10	2.18	--	<50	<0.5	<0.5	<0.5	<0.5	5.3	
01/14/98	7.28	3.08	4.20	--	<50	<0.5	<0.5	<0.5	<0.5	8.6	
04/17/98	7.28	3.79	3.49	--	SAMPLED SEMI-ANNUALLY			--	--	--	
07/15/98	7.28	4.55	2.73	--	<50	<0.5	<0.5	<0.5	<0.5	7.5	
10/27/98	7.28	5.32	1.96	--	--	--	--	--	--	--	
01/20/99	7.28	4.24	3.04	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0	
04/19/99	7.28	4.07	3.21	--	--	--	--	--	--	--	
07/29/99	7.28	4.82	2.46	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0/2.4 <sup>2</sup>	
10/13/99	7.28	4.86	2.42	--	--	--	--	--	--	--	
01/25/00	7.28	3.00	4.28	--	<50	<0.5	<0.5	<0.5	<0.5	4.33	
04/03/00	7.28	3.04	4.24	0.00	--	--	--	--	--	--	
07/03/00	7.28	4.00	3.28	0.00	<50	<0.50	<0.50	<0.50	<0.50	4.7	
10/23/00	7.28	5.86	1.42	0.00	--	--	--	--	--	--	
01/08/01 <sup>11</sup>	7.28	3.98	3.30	0.00	<50	<0.50	<0.50	<0.50	<0.50	<2.5	
04/09/01	7.28	3.74	3.54	0.00	--	--	--	--	--	--	
08/23/01	7.28	INACCESSIBLE - DUE TO TRAFFIC CONTROL				--	--	--	--	--	--
11/27/01	7.28	4.13	3.15	0.00	SAMPLED SEMI-ANNUALLY			--	--	--	
02/26/02	7.28	3.54	3.74	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5	
05/23/02	7.28	3.82	3.46	0.00	SAMPLED SEMI-ANNUALLY			--	--	--	
08/09/02	7.28	4.18	3.10	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5	

**TABLE 1**  
**GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS**  
**FORMER CHEVRON SERVICE STATION 9-1153**  
**3135 GIBBONS DRIVE (3126 FERNSIDE BOULEVARD), ALAMEDA, CALIFORNIA**

<i>WELL ID/ DATE</i>	<i>TOC* (ft-msl)</i>	<i>DTW (ft.)</i>	<i>GWE (ft-msl)</i>	<i>LNAPLT (ft.)</i>	<i>TPHg (µg/L)</i>	<i>B (µg/L)</i>	<i>T (µg/L)</i>	<i>E (µg/L)</i>	<i>X (µg/L)</i>	<i>MTBE (µg/L)</i>
<b>MW-10 (cont)</b>										
11/08/02	7.28	3.91	3.37	0.00	SAMPLED SEMI-ANNUALLY			--	--	--
02/07/03	7.28	3.61	3.67	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5
05/09/03	7.28	3.25	4.03	0.00	SAMPLED SEMI-ANNUALLY			--	--	--
08/15/03 <sup>15</sup>	7.28	4.35	2.93	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/14/03	7.28	4.30	2.98	0.00	SAMPLED SEMI-ANNUALLY			--	--	--
02/13/04 <sup>15</sup>	7.28	4.27	3.01	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/14/04	7.28	4.08	3.20	0.00	SAMPLED SEMI-ANNUALLY			--	--	--
08/13/04 <sup>15</sup>	7.28	3.92	3.36	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/12/04	7.28	3.98	3.30	0.00	SAMPLED SEMI-ANNUALLY			--	--	--
02/11/05 <sup>15</sup>	7.28	4.07	3.21	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/13/05	7.28	4.01	3.27	0.00	SAMPLED SEMI-ANNUALLY			--	--	--
08/19/05 <sup>15</sup>	7.28	3.69	3.59	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/18/05	7.28	3.86	3.42	0.00	SAMPLED SEMI-ANNUALLY			--	--	--
02/10/06 <sup>15</sup>	7.28	3.94	3.34	0.00	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
05/12/06	7.28	4.07	3.21	0.00	SAMPLED SEMI-ANNUALLY			--	--	--
08/11/06 <sup>15</sup>	7.28	4.21	3.07	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/17/06	7.28	3.83	3.45	0.00	SAMPLED SEMI-ANNUALLY			--	--	--
02/16/07 <sup>15</sup>	7.28	3.87	3.41	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/17/07	7.28	3.71	3.57	0.00	SAMPLED SEMI-ANNUALLY			--	--	--
08/09/07	7.28	INACCESSIBLE		--	--	--	--	--	--	--
11/08/07	7.28	INACCESSIBLE		--	--	--	--	--	--	--
02/06/08	7.28	INACCESSIBLE		--	--	--	--	--	--	--



TABLE 1

**GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS  
FORMER CHEVRON SERVICE STATION 9-1153  
3135 GIBBONS DRIVE (3126 FERNSIDE BOULEVARD), ALAMEDA, CALIFORNIA**

<i>WELL ID/ DATE</i>	<i>TOC* (ft-msl)</i>	<i>DTW (ft.)</i>	<i>GWE (ft-msl)</i>	<i>LNAPLT (ft.)</i>	<i>TPHg (µg/L)</i>	<i>B (µg/L)</i>	<i>T (µg/L)</i>	<i>E (µg/L)</i>	<i>X (µg/L)</i>	<i>MTBE (µg/L)</i>
<b>MW-10 (cont)</b>										
05/07/08	7.28	INACCESSIBLE		--	--	--	--	--	--	--
09/11/08 <sup>15</sup>	7.28	4.63	2.65	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/10/08	7.28	4.28	3.00	0.00	SAMPLED SEMI-ANNUALLY			--	--	--
02/09/09 <sup>15</sup> NP	7.28	2.17	5.11	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/28/09	7.28	3.69	3.59	0.00	--	--	--	--	--	--
08/18/09 <sup>15</sup>	7.28	4.07	3.21	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/17/09	7.28	4.12	3.16	0.00	--	--	--	--	--	--
<b>03/31/10<sup>15</sup></b>	<b>7.28</b>	<b>3.43</b>	<b>3.85</b>	<b>0.00</b>	<b>&lt;50</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>
<b>C-2</b>										
08/18/86	--	--	--	--	--	--	--	--	--	--
09/04/86	--	--	--	--	1,100	49	18	84	--	--
07/22/87	--	--	--	--	<50	1.8	<1.0	<4.0	--	--
ABANDONED										
<b>TMW-1</b>										
11/11/93	--	--	--	--	<1.0	<0.5	<0.5	<0.5	<0.5	--
NOT MONITORED/SAMPLED										
<b>3115A GIBBONS DR.</b>										
01/14/98	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5

TABLE 1

**GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS  
FORMER CHEVRON SERVICE STATION 9-1153  
3135 GIBBONS DRIVE (3126 FERNSIDE BOULEVARD), ALAMEDA, CALIFORNIA**

<i>WELL ID/ DATE</i>	<i>TOC* (ft-msl)</i>	<i>DTW (ft.)</i>	<i>GWE (ft-msl)</i>	<i>LNAPLT (ft.)</i>	<i>TPHg (µg/L)</i>	<i>B (µg/L)</i>	<i>T (µg/L)</i>	<i>E (µg/L)</i>	<i>X (µg/L)</i>	<i>MTBE (µg/L)</i>
<b>TRIP BLANK</b>										
<b>TB-LB</b>										
02/14/90	--	--	--	--	<50	<0.5	1.1	<0.5	<0.5	--
09/06/91	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/15/91	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/03/92	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/04/92	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/13/92	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/11/93	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/14/93	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/13/93	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/19/93	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--
01/27/94	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/07/94	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/01/94	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/05/94	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/12/95	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/26/95	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/12/95	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/30/95	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/22/96	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/24/96	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
07/29/96	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5

TABLE 1

**GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS  
FORMER CHEVRON SERVICE STATION 9-1153  
3135 GIBBONS DRIVE (3126 FERNSIDE BOULEVARD), ALAMEDA, CALIFORNIA**

<i>WELL ID/ DATE</i>	<i>TOC* (ft-msl)</i>	<i>DTW (ft.)</i>	<i>GWE (ft-msl)</i>	<i>LNAPLT (ft.)</i>	<i>TPHg (µg/L)</i>	<i>B (µg/L)</i>	<i>T (µg/L)</i>	<i>E (µg/L)</i>	<i>X (µg/L)</i>	<i>MTBE (µg/L)</i>
<b>Trip Blank (cont)</b>										
10/10/96	--	--	--	--	--	--	--	--	--	--
01/15/97	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/03/97	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
07/09/97	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
10/29/97	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
01/14/98	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/17/98	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
07/15/98	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
10/27/98	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
01/20/99	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0
04/19/99	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
07/29/99	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
10/13/99	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
01/25/00	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/03/00	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
07/03/00	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
10/23/00	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
01/08/01 <sup>11</sup>	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
04/09/01	--	--	--	--	<50.0	<0.500	<2.00	<0.500	<2.00	<0.500
08/23/01	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
11/27/01	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
02/26/02	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5

TABLE 1

**GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS  
FORMER CHEVRON SERVICE STATION 9-1153  
3135 GIBBONS DRIVE (3126 FERNSIDE BOULEVARD), ALAMEDA, CALIFORNIA**

<i>WELL ID/ DATE</i>	<i>TOC* (ft-msl)</i>	<i>DTW (ft.)</i>	<i>GWE (ft-msl)</i>	<i>LNAPLT (ft.)</i>	<i>TPHg (µg/L)</i>	<i>B (µg/L)</i>	<i>T (µg/L)</i>	<i>E (µg/L)</i>	<i>X (µg/L)</i>	<i>MTBE (µg/L)</i>
<b>Trip Blank (cont)</b>										
05/23/02	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
08/09/02	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
11/08/02	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
02/07/03	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
05/09/03	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5
08/15/03 <sup>15</sup>	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/14/03	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
02/13/04 <sup>15</sup>	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/14/04 <sup>15</sup>	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
<b>QA</b>										
08/13/04 <sup>15</sup>	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/12/04 <sup>15</sup>	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
02/11/05 <sup>15</sup>	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/13/05 <sup>15</sup>	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
08/19/05 <sup>15</sup>	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/18/05 <sup>15</sup>	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
02/10/06 <sup>15</sup>	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/12/06 <sup>15</sup>	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
08/11/06 <sup>15</sup>	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/17/06 <sup>15</sup>	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
02/16/07 <sup>15</sup>	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/17/07 <sup>15</sup>	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5

TABLE 1

**GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS  
FORMER CHEVRON SERVICE STATION 9-1153  
3135 GIBBONS DRIVE (3126 FERNSIDE BOULEVARD), ALAMEDA, CALIFORNIA**

<i>WELL ID/ DATE</i>	<i>TOC* (ft-msl)</i>	<i>DTW (ft.)</i>	<i>GWE (ft-msl)</i>	<i>LNAPLT (ft.)</i>	<i>TPHg (µg/L)</i>	<i>B (µg/L)</i>	<i>T (µg/L)</i>	<i>E (µg/L)</i>	<i>X (µg/L)</i>	<i>MTBE (µg/L)</i>
<b>QA (cont)</b>										
08/09/07 <sup>15</sup>	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/08/07 <sup>15</sup>	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
02/06/08 <sup>15</sup>	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/07/08 <sup>15</sup>	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/11/08 <sup>15</sup>	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/10/08 <sup>15</sup>	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
02/09/09 <sup>15</sup>	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/28/09 <sup>15</sup>	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
08/18/09 <sup>15</sup>	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/17/09 <sup>15</sup>	--	--	--	--	SITE NOT SAMPLED DUE TO PRESENCE OF LNAPL IN C-1					--
<b>03/31/10<sup>15</sup></b>	--	--	--	--	<b>&lt;50</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>

TABLE 1

**GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS  
FORMER CHEVRON SERVICE STATION 9-1153  
3135 GIBBONS DRIVE (3126 FERNSIDE BOULEVARD), ALAMEDA, CALIFORNIA**

<i>WELL ID/ DATE</i>	<i>TOC* (ft-msl)</i>	<i>DTW (ft.)</i>	<i>GWE (ft-msl)</i>	<i>LNAPLT (ft.)</i>	<i>TPHg (µg/L)</i>	<i>B (µg/L)</i>	<i>T (µg/L)</i>	<i>E (µg/L)</i>	<i>X (µg/L)</i>	<i>MTBE (µg/L)</i>
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**EXPLANATIONS:**

Groundwater monitoring data and laboratory analytical results prior to April 3, 2000, were compiled from reports prepared by Blaine Tech Services, Inc.

TOC = Top of Casing

(ft.) = Feet

DTW = Depth to Water

GWE = Groundwater Elevation

(ft-msl) = Mean sea level

LNAPLT = Light Non-Aqueous Phase Liquid Thickness

TPHg = Total Petroleum Hydrocarbons as Gasoline

\* TOC elevations are referenced to feet above mean sea level (ft-msl)

\*\* GWE has been corrected due to the presence of LNAPL; correction factor:  $[(TOC - DTW) + (LNAPLT \times 0.80)]$ .

1 Laboratory report indicates EPA 8010 were not detected (ND).

2 MTBE confirmed.

3 Chromatogram report indicates an unidentified hydrocarbon.

4 ORC installed.

5 TOC elevation altered due to well head maintenance.

6 Laboratory report indicates gasoline C6-C12.

7 ORC in well.

8 Laboratory report indicates Dissolved Oxygen was 1.50 parts per million (ppm) by EPA Method 360.1.

9 Laboratory report indicates Dissolved Oxygen was 0.300 ppm by EPA Method 360.1.

10 Laboratory report indicates sample originally shot in hold time at a raise D.L. re-analyzed and reported past hold time.

11 Laboratory report indicates this sample was analyzed outside of the EPA recommended holding time.

12 Laboratory report indicates unidentified hydrocarbons C6-C12.

13 Laboratory report indicates hydrocarbon pattern is present in the requested fuel quantitation range but does not resemble the pattern of the requested fuel.

14 ORC removed.

15 BTEX and MTBE by EPA Method 8260.

16 Laboratory confirmed analytical result.

17 The vial submitted did not have pH<2. The pH of this sample used for the undiluted analysis was pH = 3.

TABLE 2

**LIGHT NON-AQUEOUS PHASE LIQUID THICKNESS AND REMOVAL DATA  
FORMER CHEVRON SERVICE STATION 9-1153  
3135 GIBBONS DRIVE (3126 FERNSIDE BOULEVARD), ALAMEDA, CALIFORNIA**

WELL ID	DATE	DTW (ft.)	LNAPLT (ft.)	AMOUNT BAILED	TOTAL BAILED
				(Product) (gallons)	(Product) (gallons)
C-1	08/18/86	4.10	--	--	--
	09/04/86	--	--	--	--
	07/22/87	--	--	--	--
	05/03/89	4.46	--	--	--
	12/04/89	4.16	--	--	--
	02/14/90	3.64	--	--	--
	03/07/90	3.36	--	--	--
	09/06/91	4.43	--	--	--
	12/15/91	4.78	--	--	--
	03/03/92	2.39	--	--	--
	06/04/92	4.08	--	--	--
	10/13/92	4.75	--	--	--
	01/11/93	2.26	SHEEN	--	--
	04/14/93	2.90	SHEEN	--	--
	07/13/93	3.97	SHEEN	--	--
	10/19/93	4.50	--	--	--
	11/30/93	4.27	--	--	--
	01/27/94	3.35	--	--	--
	04/07/94	3.42	--	--	--
	07/01/94	3.96	--	--	--
	10/05/94	4.39	--	--	--
	01/12/95	1.52	0.50	0.26	0.26
	04/26/95	4.40	2.20	1.32	1.59
	07/12/95	4.85	1.81	0.66	2.25
	10/30/95	5.67	1.63	0.53	2.77
	01/04/96	3.92	0.12	0.26	3.04
	01/10/96	3.48	0.13	0.07	3.10
	01/17/96	3.40	0.02	0.40	3.50
	01/22/96	2.90	0.00	0.00	3.50
	02/23/96	4.10	1.86	0.66	4.16
	02/28/96	--	>0.83	1.25	5.41
	03/08/96	2.86	1.83	0.26	5.68
	03/08/96	2.30	0.36	0.53	6.20

TABLE 2

LIGHT NON-AQUEOUS PHASE LIQUID THICKNESS AND REMOVAL DATA  
FORMER CHEVRON SERVICE STATION 9-1153  
3135 GIBBONS DRIVE (3126 FERNSIDE BOULEVARD), ALAMEDA, CALIFORNIA

WELL ID	DATE	DTW (ft.)	LNAPLT (ft.)	AMOUNT BAILED	TOTAL BAILED
				(Product) (gallons)	(Product) (gallons)
C-1 (cont)	03/08/96	2.33	0.36	0.26	6.47
	03/08/96	2.28	0.22	0.53	7.00
	03/26/96	3.96	1.28	0.40	7.39
	04/11/96	5.61	1.75	0.53	7.92
	04/19/96	3.09	0.04	0.40	8.32
	04/24/96	3.04	0.03	0.40	8.71
	05/03/96	4.02	0.46	0.40	9.11
	05/03/96	3.89	0.47	0.00	9.11
	05/08/96	4.25	0.35	0.07	9.17
	05/17/96	3.24	0.04	0.03	9.20
	05/17/96	3.35	0.01	0.03	9.23
	05/17/96	3.43	0.01	0.03	9.26
	05/17/96	3.65	0.01	0.00	9.26
	05/22/96	3.10	0.07	0.08	9.34
	06/18/96	4.68	0.48	0.26	9.60
	07/03/96	5.03	0.13	0.15	9.75
	07/09/96	4.63	0.23	0.09	9.84
	07/17/96	4.73	0.15	0.32	10.16
	07/29/96	5.10	0.09	0.26	10.42
	08/02/96	5.68	0.03	0.03	10.45
	08/07/96	5.16	0.01	0.13	10.59
	08/23/96	5.75	0.03	0.03	10.61
	08/28/96	5.53	0.03	0.01	10.63
	09/06/96	5.38	--	0.05	10.67
	09/12/96	5.48	0.03	0.01	10.68
	09/19/96	6.32	0.03	0.01	10.69
	10/10/96	4.58	0.10	0.13	10.83
	10/17/96	5.61	0.01	0.01	10.84
	10/29/96	6.01	--	--	10.84
	11/07/96	5.56	0.04	0.13	10.97
11/11/96	5.32	0.04	0.13	11.10	
12/20/96	3.33	0.03	0.05	11.16	
12/17/96	3.73	0.01	0.01	11.17	



TABLE 2

LIGHT NON-AQUEOUS PHASE LIQUID THICKNESS AND REMOVAL DATA  
FORMER CHEVRON SERVICE STATION 9-1153  
3135 GIBBONS DRIVE (3126 FERNSIDE BOULEVARD), ALAMEDA, CALIFORNIA

WELL ID	DATE	DTW (ft.)	LNAPLT (ft.)	AMOUNT BAILED	TOTAL BAILED
				(Product) (gallons)	(Product) (gallons)
C-1 (cont)	01/15/97	2.74	--	--	11.17
	01/22/97	1.37	0.19	0.07	11.23
	02/04/97	2.98	0.51	0.15	11.38
	02/20/97	4.09	0.13	0.11	11.48
	03/06/97	3.75	0.56	1.19	12.67
	03/14/97	3.82	0.03	0.12	12.79
	03/20/97	3.73	0.03	0.01	12.80
	03/25/97	4.32	0.01	--	12.80
	03/31/97	3.71	0.03	0.00	12.81
	04/03/97	4.60	0.03	0.00	12.81
	04/09/97	4.25	0.02	0.03	12.84
	04/24/97	4.65	0.02	0.01	12.84
	04/30/97	3.50	0.02	0.01	12.85
	05/22/97	4.97	--	0.01	12.86
	06/03/97	3.62	0.06	0.01	12.86
	07/09/97	4.30	0.06	0.13	13.00
	08/12/97	5.18	0.00	0.05	13.05
	09/30/97	5.25	0.50	0.07	13.12
	10/29/97	5.33	0.03	0.02	13.14
	11/13/97	4.86	0.02	0.03	13.16
	12/18/97	2.34	--	--	13.16
	01/14/98	0.25	0.02	0.13	13.29
	02/02/98	2.35	0.05	0.03	13.32
	03/16/98	2.50	0.50	0.13	13.45
	04/17/98	2.65	0.40	0.11	13.56
	05/01/98	2.39	0.04	0.26	13.82
	06/17/98	3.26	0.08	0.03	13.86
	07/15/98	3.55	--	--	13.86
	09/01/98	4.00	--	--	13.86
	10/27/98	4.48	--	--	13.86
	11/19/98	3.89	--	--	13.86
	12/19/98	2.13	0.02	0.04	13.90
01/20/99	3.98	--	--	13.90	

TABLE 2

LIGHT NON-AQUEOUS PHASE LIQUID THICKNESS AND REMOVAL DATA  
FORMER CHEVRON SERVICE STATION 9-1153  
3135 GIBBONS DRIVE (3126 FERNSIDE BOULEVARD), ALAMEDA, CALIFORNIA

WELL ID	DATE	DTW (ft.)	LNAPLT (ft.)	AMOUNT BAILED	TOTAL BAILED
				(Product) (gallons)	(Product) (gallons)
C-1 (cont)	02/24/99	2.55	--	--	13.90
	03/26/99	2.14	0.76	0.26	14.16
	04/19/99	1.04	--	--	14.16
	04/19/99	1.04	--	--	--
	07/29/99	3.76	0.02	0.01	14.17
	08/30/99	4.30	--	--	14.17
	09/23/99	3.84	0.02	0.03	14.20
	10/13/99	1.27	--	--	14.20
	11/17/99	3.59	--	--	--
	12/08/99	3.79	--	--	--
	01/25/00	1.99	0.04	0.03	14.23
	04/03/00	2.20	0.10	0.00	14.23
	05/26/00	2.52	0.23	0.26	14.49
	06/19/00 <sup>1</sup>	2.89	0.19	0.26	14.75
	07/03/00	3.45	0.25	0.26	15.01
	08/01/00	3.78	0.16	0.10	15.11
	09/30/00	4.03	0.04	0.26	15.37
	10/23/00	4.15	0.03	0.26	15.63
	11/21/00	3.42	0.00	0.26	15.89
	12/22/00	2.96	0.00	0.26	16.15
	01/08/01	2.94	0.00	0.26	16.41
	02/17/01	2.09	0.59	0.26	16.67
	03/13/01	2.20	0.76	0.26	16.93
	04/09/01	2.45	0.26	0.26	17.19
	05/18/01	2.70	0.59	0.26	17.45
	06/12/01	3.50	0.97	0.26	17.71
	07/19/01	4.25	0.95	0.26	17.97
	08/23/01	4.34	0.07	0.26	18.23
	09/17/01	4.39	0.08	0.00	18.23
	10/08/01	4.45	0.04	0.02	18.25
	11/27/01	3.89	0.00	0.00	18.25
12/17/01	1.81	0.00	0.00	18.25	
01/07/02	2.27	0.51	1.50	19.75	

TABLE 2

LIGHT NON-AQUEOUS PHASE LIQUID THICKNESS AND REMOVAL DATA  
FORMER CHEVRON SERVICE STATION 9-1153  
3135 GIBBONS DRIVE (3126 FERNSIDE BOULEVARD), ALAMEDA, CALIFORNIA

WELL ID	DATE	DTW (ft.)	LNAPLT (ft.)	AMOUNT BAILED	TOTAL BAILED
				(Product) (gallons)	(Product) (gallons)
C-1 (cont)	02/26/02	2.70	0.52	0.13	19.88
	03/27/02	2.87	1.05	0.26	20.14
	04/08/02	2.45	1.23	0.53	20.67
	05/23/02	3.57	0.52	0.12	20.79
	06/17/02	3.90	0.35	0.07	20.86
	07/31/02	4.12	0.20	0.02	20.88
	08/09/02	4.15	0.16	0.02	20.90
	09/17/02	4.33	0.12	0.01	20.91
	10/15/02	4.51	0.15	0.04	20.95
	11/08/02	4.11	0.00	0.00	20.95
	12/19/02	1.14	0.00	0.00	20.95
	01/14/03	1.80	0.00	0.00	20.95
	02/07/03	2.95	0.30	0.05	21.00
	03/20/03	2.86	0.41	0.13	21.13
	04/15/03	2.12	0.10	0.03	21.16
	05/09/03	2.95	0.70	0.22	21.38
	06/27/03	3.97	0.50	0.11	21.49
	07/16/03	3.68	0.28	0.04	21.53
	08/15/03	4.29	0.22	0.03	21.56
	09/26/03	4.60	0.19	0.04	21.60
	10/18/03	4.72	0.15	0.02	21.62
	11/14/03	4.31	0.20	0.04	21.66
	12/23/03	1.81	0.00	0.00	21.66
	01/22/04	4.19	0.01	0.25 <sup>2</sup>	21.91
	02/13/04	3.04	0.04	0.27	22.18
	03/11/04	1.85	0.40	0.04	22.22
	04/22/04	3.08	0.22	0.66	22.88
	05/14/04	3.49	0.03	0.54	23.42
	06/18/04	3.41	0.13	0.63	24.05
	07/23/04	3.28	0.11	0.59	24.64
08/13/04	3.14	0.05	1.02	25.66	
09/13/04	4.53	0.09	0.03	25.69	
10/22/04	3.19	0.03	1.02	26.71	

TABLE 2

**LIGHT NON-AQUEOUS PHASE LIQUID THICKNESS AND REMOVAL DATA  
FORMER CHEVRON SERVICE STATION 9-1153  
3135 GIBBONS DRIVE (3126 FERNSIDE BOULEVARD), ALAMEDA, CALIFORNIA**

WELL ID	DATE	DTW (ft.)	LNAPLT (ft.)	AMOUNT BAILED	TOTAL BAILED
				(Product) (gallons)	(Product) (gallons)
C-1 (cont)	11/12/04	3.22	0.03	0.51	27.22
	12/02/04	3.28	0.02	0.26	27.48
	01/28/05	3.19	0.01	0.51	27.99
	02/11/05	2.75	0.04	0.53	28.52
	03/11/05	2.94	0.03	1.02	29.54
	04/26/05	3.03	0.02	1.02	30.56
	05/13/05	3.18	0.02	1.02	31.58
	06/01/05	3.22	0.02	0.51	32.09
	07/15/05	3.09	0.02	1.51	33.60
	08/19/05	2.88	0.03	1.53	35.13
	09/23/05	2.95	0.02	1.02	36.15
	10/14/05	3.01	0.01	0.52	36.67
	11/18/05	3.21	0.02	1.02	37.69
	12/09/05	3.61	0.01	1.01	38.70
	01/12/06	2.98	0.01	0.51	39.21
	02/10/06	2.69	0.01	0.50 <sup>3</sup>	39.71
	03/13/06	2.81	0.01	1.00 <sup>4</sup>	40.71
	04/13/06	2.75	0.01	0.50 <sup>4</sup>	41.22
	05/12/06	3.02	0.01	0.50 <sup>4</sup>	41.72
	06/12/06	3.10	0.01	0.50 <sup>4</sup>	42.22
	07/13/06	3.14	0.02	1.01	43.23
	08/11/06	3.70	0.01	1.01	44.24
	09/11/06	3.75	0.02	1.02	45.26
	10/17/06	3.82	0.01	1.02	46.28
	11/17/06	3.11	0.03	1.02	47.30
	12/15/06	2.95	0.02	1.02	48.32
	01/16/07	2.98	0.02	0.52	48.84
	02/16/07	2.77	0.00	0.00	48.84
	03/16/07	3.07	0.01	0.51 <sup>4</sup>	49.35
	04/17/07	2.98	0.01	0.50 <sup>3</sup>	49.85
	05/17/07	3.05	0.01	0.51 <sup>4</sup>	50.36
	06/15/07	3.08	0.01	1.02	51.38
07/17/07	3.13	0.01	0.50 <sup>4</sup>	51.88	

TABLE 2

**LIGHT NON-AQUEOUS PHASE LIQUID THICKNESS AND REMOVAL DATA  
FORMER CHEVRON SERVICE STATION 9-1153  
3135 GIBBONS DRIVE (3126 FERNSIDE BOULEVARD), ALAMEDA, CALIFORNIA**

WELL ID	DATE	DTW (ft.)	LNAPLT (ft.)	AMOUNT BAILED	TOTAL BAILED
				(Product) (gallons)	(Product) (gallons)
<b>C-1 (cont)</b>	08/09/07	3.24	0.02	0.52	52.40
	09/14/07	3.16	0.01	0.26 <sup>4</sup>	52.67
	10/16/07	3.04	0.01	0.26 <sup>4</sup>	52.93
	11/08/07	3.11	0.01	0.00	52.93
	12/07/07	2.98	0.03	0.55	53.48
	01/16/08	2.95	0.02	0.27	53.75
	02/06/08	2.61	0.01	0.00	53.75
	03/07/08	2.87	0.02	0.40 <sup>4</sup>	54.16
	04/16/08	3.06	0.02	0.55	54.71
	05/07/08	2.98	0.03	0.55	55.26
	06/06/08	3.04	0.02	0.55	55.81
	07/16/08	3.12	0.02	0.41	56.22
	09/05/08	3.97	0.28	0.61	56.83
	09/11/08	4.22	0.41	0.92	57.75
	10/17/08	4.16	0.33	0.64	58.39
	11/10/08	4.05	0.11	0.32	58.71
	12/15/08	3.85	0.05	0.30	59.01
	01/21/09	3.91	0.04	0.29	59.30
	02/09/09	3.72	0.01	0.14	59.44
	03/16/09	3.81	0.02	0.15	59.59
05/28/09	3.48	0.02	0.01	59.60	
08/18/09	4.40	0.02	0.01	59.61	
11/17/09	4.21	0.03	0.01	59.62	
	<b>03/31/10</b>	<b>2.07</b>	<b>0.04</b>	<b>0.01</b>	<b>59.63</b>

**EXPLANATIONS:**

Groundwater monitoring data prior to July 3, 2000, were compiled from reports prepared by Blaine Tech Services, Inc.

DTW = Depth to Water

(ft.) = Feet

LNAPLT = Light Non-Aqueous Phase Liquid Thickness

-- = Not Measured

<sup>1</sup> There is no skimmer present in this well.

<sup>2</sup> Removed less than one ounce of LNAPL from well.

<sup>3</sup> Removed 0.5 ounces of LNAPL from well.

<sup>4</sup> Removed 1 ounce of LNAPL from well.

TABLE 3

**DISSOLVED OXYGEN CONCENTRATIONS  
FORMER CHEVRON SERVICE STATION 9-1153  
3135 GIBBONS DRIVE (3126 FERNSIDE BOULEVARD), ALAMEDA, CALIFORNIA**

<i>WELL ID</i>	<i>DATE</i>	<i>PRE-PURGE (mg/L)</i>	<i>POST-PURGE (mg/L)</i>
<b>MW-6</b>	11/08/02	2.10	--
	02/07/03	2.60	--
	05/09/03	3.10	--
	08/15/03	2.90	--
	11/14/03	3.41	--
	08/19/05	1.90	--
	11/18/05	1.70	--
	02/10/06	2.20	--
	05/12/06	2.80	--
	08/11/06	2.50	--
	11/17/06	2.20	--
	02/16/07	1.80	--
	05/17/07	2.0	--
	08/09/07	2.6	--
	11/08/07	2.2	--
	02/06/08	2.4	--
	05/07/08	2.3	--
	09/11/08	1.9	--
	11/10/08	2.2	--
	02/09/09	2.0	--
05/28/09	1.70	--	
08/18/09	1.81	--	
11/17/09	--	--	
	<b>03/31/10</b>	<b>1.36</b>	--
<b>MW-7</b>	11/08/02	-98.00 <sup>1</sup>	--
	02/07/03	2.90	--
	05/09/03	2.60	--
	08/15/03	2.30	--
	11/14/03	1.87	--
	08/19/05	0.80	--
	11/18/05	0.90	--
	02/10/06	1.30	--
	05/12/06	1.40	--

TABLE 3

**DISSOLVED OXYGEN CONCENTRATIONS  
FORMER CHEVRON SERVICE STATION 9-1153  
3135 GIBBONS DRIVE (3126 FERNSIDE BOULEVARD), ALAMEDA, CALIFORNIA**

<i>WELL ID</i>	<i>DATE</i>	<i>PRE-PURGE (mg/L)</i>	<i>POST-PURGE (mg/L)</i>
<b>MW-7 (cont)</b>	08/11/06	1.10	--
	11/17/06	0.70	--
	02/16/07	1.10	--
	05/17/07	1.7	--
	08/09/07	1.2	--
	11/08/07	0.9	--
	02/06/08	0.5	--
	05/07/08	1.2	--
	09/11/08	1.0	--
	11/10/08	0.6	--
	02/09/09	0.8	--
	05/28/09	0.45	--
	08/18/09	0.57	--
	11/17/09	--	--
	<b>03/31/10</b>	<b>0.62</b>	<b>--</b>

**EXPLANATIONS:**

mg/L = milligrams per liter

-- = Not Measured

<sup>1</sup> Below D.O. meter range.

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 91153  
3135 Gibbons Dr.  
Alameda, CA

Monitoring performed on March 31,2010

---

**Blaine Tech Services, Inc. Groundwater Monitoring Event 100331-IW1**

This submission covers the routine monitoring of groundwater wells conducted on March 31,2010 at this location. Nine monitoring wells were measured for depth to groundwater (DTW). Eight monitoring wells were sampled. Well C-1 was not sampled due to presence of SPH. SPH was bailed from well and placed into drum. 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 91153, 3135 Gibbons Dr., Alameda, CA

SAN JOSE

SACRAMENTO

LOS ANGELES

SAN DIEGO

1680 ROGERS AVENUE

SAN JOSE, CA 95112-1105

(408) 573-0555

FAX (408) 573-7771

LIC. 746684

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

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

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

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

Please call if you have any questions.

Sincerely,



Dustin Becker  
Blaine Tech Services, Inc.  
Senior Project Manager

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

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

First Quarter Groundwater Monitoring at Chevron 91153, 3135 Gibbons Dr., Alameda, CA

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

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

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

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## SAMPLING PROCEDURES OVERVIEW

### SAFETY

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

### INSPECTION AND GAUGING

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

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

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

### EVACUATION

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

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

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

## PARAMETER STABILIZATION

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

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

## DEWATERED WELLS

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

## MEASURING RECHARGE

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

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

## PURGEWATER CONTAINMENT

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

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

## SAMPLE COLLECTION DEVICES

All samples are collected using disposable bailers.

## SAMPLE CONTAINERS

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

## TRIP BLANKS

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

## DUPLICATES

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

## SAMPLE STORAGE

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

## DOCUMENTATION CONVENTIONS

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

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

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

## DECONTAMINATION

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

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

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

## DISSOLVED OXYGEN READINGS

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

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

## OXYIDATON REDUCTION POTENTIAL READINGS

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

## FERROUS IRON MEASUREMENTS

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

## WELL GAUGING DATA

Project # 100331-IW1 Date 3/30/10 Client CHEVRON

Site 3135 GIBBONS DR., ALAMEDA, 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 <u>TOC</u>	Notes
C-1	0820	3	odor	2.03	0.04	56ml	2.07	—	↓	
C-3	0956	3				2.22	18.46			
MW-4	0905	2				2.13	12.95			
MW-5	0913	2				1.86	12.87			
MW-6	0950	2				2.44	13.36			
MW-7	0922	2				3.11	5.95			
MW-8	0944	2				2.85	9.18			
MW-9	0930	2				3.16	8.52			
MW-10	1334	2				3.43	8.86			

# CHEVRON WELL MONITORING DATA SHEET

Project #: <b>100331-IW1</b>	Station #: <b>9-1153</b>
Sampler: <b>IW</b>	Date: <b>3/31/10</b>
Weather: <b>SUNNY</b>	Ambient Air Temperature: <b>62.0° F</b>
Well I.D.: <b>C-1</b>	Well Diameter: 2 <b>(3)</b> 4 6 8 _____
Total Well Depth: _____	Depth to Water: <b>2.07</b>
Depth to Free Product: <b>2.03</b>	Thickness of Free Product (feet): <b>0.04</b>
Referenced to: <b>(PVC)</b> Grade	D.O. Meter (if req'd): <b>(YSI)</b> HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]:	

Purge Method:	Sampling Method:
<input type="checkbox"/> Bailer <input checked="" type="checkbox"/> <b>Disposable Bailer</b> <input type="checkbox"/> Positive Air Displacement <input type="checkbox"/> Electric Submersible	<input type="checkbox"/> Waterra <input type="checkbox"/> Peristaltic <input type="checkbox"/> Extraction Pump <input type="checkbox"/> Other _____
	<input checked="" type="checkbox"/> <b>Disposable Bailer</b> <input type="checkbox"/> Extraction Port <input type="checkbox"/> Dedicated Tubing <input type="checkbox"/> Other: _____

**SPH BAIL**

_____ (Gals.) X	<b>3</b>	=		_____ Gals.
I Case Volume	Specified Volumes			Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or <b>µS</b> )	Turbidity (NTUs)	Gals. Removed	Observations
<b>SPH</b>	<b>VOLUME</b>	<b>0.37</b>	<b>X 0.04</b>	<b>X 3785ml/gallon = 56ml</b>		
	<b>56ml</b>	<b>OF SPH</b>	<b>REMOVED</b>	<b>IN 3.0</b>	<b>gallons</b>	<b>H<sub>2</sub>O</b>

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

Sampling Date: <b>3/31/10</b>	Sampling Time: _____	Depth to Water: _____
Sample I.D.: _____	Laboratory: <b>(Lancaster)</b> Other _____	
Analyzed for: TPH-G    BTEX    MTBE    OXYS    Other: <b>SEE COC</b>		
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 #: <u>100331-IW1</u>	Station #: <u>9-1153</u>
Sampler: <u>IW</u>	Date: <u>3/31/10</u>
Weather: <u>CLOUDY</u>	Ambient Air Temperature: <u>62.0 °F</u>
Well I.D.: <u>C-3</u>	Well Diameter: 2 <u>(3)</u> 4 6 8 _____
Total Well Depth: <u>18.46</u>	Depth to Water: <u>2.22</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>(PVC)</u> Grade	D.O. Meter (if req'd): <u>(YSI)</u> HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: <u>5.47</u>	

Purge Method:	Sampling Method: <u>Bailer</u>
Bailer <u>(Disposable Bailer)</u> Positive Air Displacement Electric Submersible	Waterra Peristaltic Extraction Pump Other _____
	<u>(Disposable Bailer)</u> Extraction Port Dedicated Tubing Other: _____

$\frac{6.0 \text{ (Gals.)} \times 3 \text{ Specified Volumes}}{1 \text{ Case Volume}} = 18.0 \text{ Gals. Calculated Volume}$	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Well Diameter</th> <th>Multiplier</th> <th>Well Diameter</th> <th>Multiplier</th> </tr> </thead> <tbody> <tr> <td>1"</td> <td>0.04</td> <td>4"</td> <td>0.65</td> </tr> <tr> <td>2"</td> <td>0.16</td> <td>6"</td> <td>1.47</td> </tr> <tr> <td>3"</td> <td><u>(0.37)</u></td> <td>Other</td> <td>radius<sup>2</sup> * 0.163</td> </tr> </tbody> </table>	Well Diameter	Multiplier	Well Diameter	Multiplier	1"	0.04	4"	0.65	2"	0.16	6"	1.47	3"	<u>(0.37)</u>	Other	radius <sup>2</sup> * 0.163
Well Diameter	Multiplier	Well Diameter	Multiplier														
1"	0.04	4"	0.65														
2"	0.16	6"	1.47														
3"	<u>(0.37)</u>	Other	radius <sup>2</sup> * 0.163														

Time	Temp (°F)	pH	Cond. (mS or <u>µS</u> )	Turbidity (NTUs)	Gals. Removed	Observations
<u>1131</u>	<u>56.0</u>	<u>7.19</u>	<u>823</u>	<u>&gt;1000</u>	<u>6.0</u>	<u>STRONG ODOR</u>
<u>1139</u>	<u>57.0</u>	<u>6.82</u>	<u>819</u>	<u>&gt;1000</u>	<u>12.0</u>	<u>"</u>
<u>1146</u>	<u>57.2</u>	<u>6.79</u>	<u>816</u>	<u>&gt;1000</u>	<u>18.0</u>	<u>"</u>
						<u>DTW = 7.11</u>

Did well dewater? Yes <input type="checkbox"/> <u>(No)</u>	Gallons actually evacuated: <u>18.0</u>	
Sampling Date: <u>3/31/10</u>	Sampling Time: <u>1150</u>	Depth to Water: <u>5.06</u>
Sample I.D.: <u>C-3</u>	Laboratory: <u>(Lancaster)</u> Other _____	
Analyzed for: <u>TPH-G BTEX MTBE OXYS</u> Other: <u>SEE COC</u>		
Duplicate I.D.:	Analyzed for: <u>TPH-G BTEX MTBE OXYS</u> 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 #: <u>100331-IW1</u>	Station #: <u>9-1153</u>
Sampler: <u>IW</u>	Date: <u>3/31/10</u>
Weather: <u>CLOUDY</u>	Ambient Air Temperature: <u>57.0</u> °F
Well I.D.: <u>MW-4</u>	Well Diameter: <u>2</u> 3 4 6 8 _____
Total Well Depth: <u>12.95</u>	Depth to Water: <u>2.13</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): <u>YSI</u> HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: <u>4.21</u>	

Purge Method:

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

Sampling Method:

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

<u>1.8</u> (Gals.) X	<u>3</u>	= <u>5.4</u> Gals.
1 Case Volume	Specified Volumes	Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or $\mu$ S)	Turbidity (NTUs)	Gals. Removed	Observations
1100	60.1	6.85	977	71000	1.8	
1104	61.1	6.76	993	71000	3.6	
1107	61.4	6.73	991	71000	5.4	DTW = 5.08

Did well dewater? Yes  No  Gallons actually evacuated: 5.4

Sampling Date: 3/31/10 Sampling Time: 1110 Depth to Water: 3.96

Sample I.D.: MW-4 Laboratory: Lancaster Other \_\_\_\_\_

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

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

D.O. (if req'd): Pre-purge: \_\_\_\_\_ mg/L Post-purge: \_\_\_\_\_ mg/L

O.R.P. (if req'd): Pre-purge: \_\_\_\_\_ mV Post-purge: \_\_\_\_\_ mV

# CHEVRON WELL MONITORING DATA SHEET

Project #: <u>100331-IW1</u>	Station #: <u>9-1153</u>
Sampler: <u>IW</u>	Date: <u>3/31/10</u>
Weather: <del>MW</del> <u>IW</u> <u>CLOUDY</u>	Ambient Air Temperature: <u>58. °F</u>
Well I.D.: <u>MW-5</u>	Well Diameter: <u>(2)</u> 3 4 6 8 _____
Total Well Depth: <u>12.87</u>	Depth to Water: <u>1.86</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>(PVC)</u> Grade	D.O. Meter (if req'd): <u>(YSI)</u> HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: <u>4.06</u>	

Purge Method:

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

Sampling Method: Bailer

- Disposable Bailer
- Extraction Port
- Dedicated Tubing

Other: \_\_\_\_\_

<u>1.8</u>	(Gals.) X	<u>3</u>	=	<u>5.4</u>	Gals.
1 Case Volume		Specified Volumes		Calculated Volume	

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

Time	Temp (°F)	pH	Cond. (mS or <u>µS</u> )	Turbidity (NTUs)	Gals. Removed	Observations
<u>1020</u>	<u>62.7</u>	<u>7.42</u>	<u>627</u>	<u>&gt;1000</u>	<u>1.8</u>	
<u>1024</u>	<u>63.1</u>	<u>7.08</u>	<u>612</u>	<u>&gt;1000</u>	<u>3.6</u>	
<u>1027</u>	<u>63.0</u>	<u>7.04</u>	<u>615</u>	<u>&gt;1000</u>	<u>5.4</u>	

Did well dewater? Yes   No Gallons actually evacuated: 5.4

Sampling Date: 3/31/10 Sampling Time: 1030 Depth to Water: 3.90

Sample I.D.: MW-5 Laboratory: (Lancaster) Other \_\_\_\_\_

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

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

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
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O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV
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# CHEVRON WELL MONITORING DATA SHEET

Project #: <u>100331-IW1</u>	Station #: <u>9-1153</u>
Sampler: <u>IW</u>	Date: <u>3/31/10</u>
Weather: <u>MW-6<sub>iw</sub></u>	Ambient Air Temperature: <u>58.0 °F</u>
Well I.D.: <u>MW-6</u>	Well Diameter: <u>(2)</u> 3 4 6 8 _____
Total Well Depth: <u>13.36</u>	Depth to Water: <u>2.44</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>(PVC)</u> Grade	D.O. Meter (if req'd): <u>(YSI)</u> HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: <u>4.62</u>	

Purge Method: Bailer      (Disposable Bailer)      Waterra      (Disposable Bailer)  
 Bailer      (Disposable Bailer)      Peristaltic      Extraction Port  
 Positive Air Displacement      Extraction Pump      Dedicated Tubing  
 Electric Submersible      Other \_\_\_\_\_      Other: \_\_\_\_\_

$\frac{1.8 \text{ (Gals.)} \times 3}{\text{Specified Volumes}} = \frac{5.4}{\text{Calculated Volume}} \text{ Gals.}$	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Well Diameter</th> <th>Multiplier</th> <th>Well Diameter</th> <th>Multiplier</th> </tr> </thead> <tbody> <tr> <td>1"</td> <td>0.04</td> <td>4"</td> <td>0.65</td> </tr> <tr> <td>2"</td> <td>0.16</td> <td>6"</td> <td>1.47</td> </tr> <tr> <td>3"</td> <td>0.37</td> <td>Other</td> <td>radius<sup>2</sup> * 0.163</td> </tr> </tbody> </table>	Well Diameter	Multiplier	Well Diameter	Multiplier	1"	0.04	4"	0.65	2"	0.16	6"	1.47	3"	0.37	Other	radius <sup>2</sup> * 0.163
Well Diameter	Multiplier	Well Diameter	Multiplier														
1"	0.04	4"	0.65														
2"	0.16	6"	1.47														
3"	0.37	Other	radius <sup>2</sup> * 0.163														

Time	Temp (°F)	pH	Cond. (mS or <u>µS</u> )	Turbidity (NTUs)	Gals. Removed	Observations
1259	62.7	6.83	457	>1000	1.8	
1259	61.9	6.53	523	>1000	3.6	
1302	62.0	6.52	531	>1000	5.4	DTW = 8.70

Did well dewater?    Yes    (No)    Gallons actually evacuated: 5.4

Sampling Date: 3/31/10    Sampling Time: 1315    Depth to Water: WAITED 4.60

Sample I.D.: MW-6    Laboratory: (Lancaster) Other \_\_\_\_\_

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

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

D.O. (if req'd):	<u>(Pre-purge)</u> <u>1.36</u> mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge: _____ mV	Post-purge:	mV

# CHEVRON WELL MONITORING DATA SHEET

Project #: <u>100331-IW1</u>	Station #: <u>9-1153</u>
Sampler: <u>IW</u>	Date: <u>3/31/10</u>
Weather: <u>CLOUDY</u>	Ambient Air Temperature: <u>57.0 °F</u>
Well I.D.: <u>MW-7</u>	Well Diameter: <u>(2)</u> 3 4 6 8 _____
Total Well Depth: <u>5.95</u>	Depth to Water: <u>3.11</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>(PVC)</u> Grade	D.O. Meter (if req'd): <u>(YSI)</u> HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: <u>3.68</u>	

Purge Method: (Disposable Bailer)      Waterra (Disposable Bailer)  
 Bailer      Peristaltic      Extraction Port  
 Positive Air Displacement      Extraction Pump      Dedicated Tubing  
 Electric Submersible      Other \_\_\_\_\_      Other: \_\_\_\_\_

<u>0.5</u> (Gals.) X	<u>3</u> Specified Volumes	<u>=</u>	<u>1.5</u> Gals. Calculated Volume
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Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius <sup>2</sup> * 0.163

Time	Temp (°F)	pH	Cond. (mS or <u>µS</u> )	Turbidity (NTUs)	Gals. Removed	Observations
<u>1408</u>	<u>62.5</u>	<u>7.18</u>	<u>1436</u>	<u>&gt;1000</u>	<u>0.5</u>	<u>ODOR</u>
<u>1410</u>	<u>63.8</u>	<u>6.71</u>	<u>1389</u>	<u>&gt;1000</u>	<u>1.0</u>	<u>"</u>
<u>1413</u>	<u>63.9</u>	<u>6.69</u>	<u>1376</u>	<u>&gt;1000</u>	<u>1.5</u>	<u>"</u>

Did well dewater?    Yes    (No)    Gallons actually evacuated: 1.5

Sampling Date: 3/31/10    Sampling Time: 1420    Depth to Water: 3.47

Sample I.D.: MW-7    Laboratory: (Lancaster) Other \_\_\_\_\_

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

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

D.O. (if req'd):	<u>(Pre-purge):</u> <u>0.62</u> mg/L	Post-purge:	
O.R.P. (if req'd):	<u>(Pre-purge):</u> _____ mV	Post-purge:	_____ mV

# CHEVRON WELL MONITORING DATA SHEET

Project #: <u>100331-IW1</u>	Station #: <u>9-1153</u>
Sampler: <u>IW</u>	Date: <u>3/31/10</u>
Weather: <u>CLOUDY</u>	Ambient Air Temperature: <u>63.0 °F</u>
Well I.D.: <u>MW-8</u>	Well Diameter: <u>(2)</u> 3 4 6 8
Total Well Depth: <u>9.18</u>	Depth to Water: <u>2.85</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>(PVC)</u> Grade	D.O. Meter (if req'd): <u>(YSI)</u> HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: <u>4.12</u>	

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

1.0 (Gals.) X 3 = 3.0 Gals.  
 1 Case Volume      Specified Volumes      Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or <u>µS</u> )	Turbidity (NTUs)	Gals. Removed	Observations
<u>1232</u>	<u>62.8</u>	<u>7.43</u>	<u>509</u>	<u>&gt;1000</u>	<u>1.0</u>	
<u>1236</u>	<u>63.2</u>	<u>6.96</u>	<u>562</u>	<u>&gt;1000</u>	<u>2.0</u>	
<u>1239</u>	<u>63.4</u>	<u>6.94</u>	<u>568</u>	<u>&gt;1000</u>	<u>3.0</u>	

Did well dewater?      Yes      No      Gallons actually evacuated: 3.0

Sampling Date: 3/31/10      Sampling Time: 1240<sup>m</sup> 1245      Depth to Water: TRAFFIC 4.10

Sample I.D.: MW-8      Laboratory: (Lancaster) Other \_\_\_\_\_

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

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

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

# CHEVRON WELL MONITORING DATA SHEET

Project #: <u>100331-IW1</u>	Station #: <u>9-1153</u>
Sampler: <u>IW</u>	Date: <u>3/31/10</u>
Weather: <u>CLOUDY</u>	Ambient Air Temperature: <u>60.0 °F</u>
Well I.D.: <u>MW-9</u>	Well Diameter: <u>(2)</u> 3 4 6 8 _____
Total Well Depth: <u>8.52</u>	Depth to Water: <u>3.16</u>
Depth to Free Product: _____	Thickness of Free Product (feet): _____
Referenced to: <u>(PVC)</u> Grade	D.O. Meter (if req'd): <u>(YSI)</u> HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: <u>4.23</u>	

Purge Method: \_\_\_\_\_ Sampling Method: Bailer

Bailer <u>(Disposable Bailer)</u> Positive Air Displacement Electric Submersible	Waterra Peristaltic Extraction Pump Other _____
---	--

Other: \_\_\_\_\_

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

0.9 (Gals.) X 3 = 2.7 Gals.  
 1 Case Volume      Specified Volumes      Calculated Volume

Time	Temp (°F)	pH	Cond. (mS or <u>µS</u> )	Turbidity (NTUs)	Gals. Removed	Observations
<u>1208</u>	<u>60.8</u>	<u>7.52</u>	<u>868</u>	<u>&gt;1000</u>	<u>0.9</u>	
<u>1211</u>	<u>61.0</u>	<u>7.46</u>	<u>845</u>	<u>&gt;1000</u>	<u>1.8</u>	
<u>1213</u>	<u>61.2</u>	<u>7.42</u>	<u>839</u>	<u>&gt;1000</u>	<u>2.7</u>	

Did well dewater? Yes  No  Gallons actually evacuated: 2.7

Sampling Date: 3/31/10 Sampling Time: 1220 Depth to Water: 3.85

Sample I.D.: MW-9 Laboratory: (Lancaster) Other \_\_\_\_\_

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

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

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

# CHEVRON WELL MONITORING DATA SHEET

Project #: <u>100331-IW1</u>	Station #: <u>9-1153</u>
Sampler: <u>IW</u>	Date: <u>3/31/10</u>
Weather: <u>Patchy clouds</u>	Ambient Air Temperature: <u>63°F</u>
Well I.D.: <u>MW-10</u>	Well Diameter: <u>2</u> 3 4 6 8 _____
Total Well Depth: <u>8.86</u>	Depth to Water: <u>3.43</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): <u>YSI</u> HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: <u>4.52</u>	

Purge Method:

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

Sampling Method: Bailer

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

<u>0.9</u>	(Gals.) X	<u>3</u>	=	<u>2.7</u>	Gals.
1 Case Volume		Specified Volumes		Calculated Volume	

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

Time	Temp (°F)	pH	Cond. (mS or <u>µS</u> )	Turbidity (NTUs)	Gals. Removed	Observations
1336	63.9	6.91	3466	394	1.0	grey ↓ ↓ ↓
1342	63.6	6.83	3798	404	2.0	
1346	62.8	6.89	4186	>1000	3.0	
1348	63.2	6.75	4825	7100	4.0	

Did well dewater? Yes  No  Gallons actually evacuated: ~~2~~<sup>iw</sup> 4.0

Sampling Date: 3/31/10 Sampling Time: 1352 Depth to Water: ~~6.70~~<sup>R</sup> 7.45 (TRAFFIC)

Sample I.D.: MW-10 Laboratory: Lancaster Other \_\_\_\_\_

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

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

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



CHAIN OF CUSTODY FORM

Chevron Environmental Management Company ■ 6111 Bollinger Canyon Rd. ■ San Ramon, CA 94583 COC 1 of 1

Chevron Site Number: 91153  
 Chevron Site Global ID: T0600100330  
 Chevron Site Address: 3135 Gibbons Dr., Alameda, 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-IWI  
 Sampling Company: Blaine Tech Services  
 Sampled By (Print): IAN WILLIAMS  
 Sampler Signature: [Signature]

ANALYSES REQUIRED										
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>									Preservation Codes
										H = HCL T = Thiosulfate N = HNO <sub>3</sub> B = NaOH S = H <sub>2</sub> SO <sub>4</sub> O = Other

Charge Code: NWRWB-0091153-0-OML  
 NWRWB 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**  
 Other Lab \_\_\_\_\_  
 Temp. Blank Check Time \_\_\_\_\_  
 Lancaster, PA  
 Lab Contact: Jill Parker  
 2425 New Holland Pike, Lancaster, PA 17601  
 Phone No: (717)656-2300

EPA 8260B/GC/MS	<input checked="" type="checkbox"/>	MTBE	<input checked="" type="checkbox"/>	OXYGENATES	<input checked="" type="checkbox"/>	HVOC	<input checked="" type="checkbox"/>	HC SCREEN	<input checked="" type="checkbox"/>	
EPA 8015B	<input checked="" type="checkbox"/>	GRO	<input checked="" type="checkbox"/>	DRO	<input checked="" type="checkbox"/>	ORO	<input checked="" type="checkbox"/>	HC SCREEN	<input checked="" type="checkbox"/>	
EPA 8021B	<input checked="" type="checkbox"/>	BTEX	<input checked="" type="checkbox"/>	MTBE	<input checked="" type="checkbox"/>					
EPA 6010	<input checked="" type="checkbox"/>	Ca, Fe, K, Mg, Mn, Na								
EPA 6010/7000	<input checked="" type="checkbox"/>	TITLE 22 METALS	<input checked="" type="checkbox"/>	TLC	<input checked="" type="checkbox"/>	STLC	<input checked="" type="checkbox"/>			
EPA 150.1	<input checked="" type="checkbox"/>	PH				ALKALINITY	<input checked="" type="checkbox"/>			
SM2510B	<input checked="" type="checkbox"/>	SPECIFIC CONDUCTIVITY								
EPA 418.1	<input checked="" type="checkbox"/>	TRPH	<input checked="" type="checkbox"/>							
EPA 8260	<input checked="" type="checkbox"/>	ETHANOL	<input checked="" type="checkbox"/>							
EPA 8015	<input checked="" type="checkbox"/>	TPH-D	<input checked="" type="checkbox"/>							

SAMPLE ID				Sample Time	# of Containers	Container Type	ANALYSES REQUIRED										Notes/Comments																		
Field Point Name	Matrix	Top Depth	Date (yyymmdd)				EPA 8260B/GC/MS	TPH-G	EPA 8015B	GRO	DRO	ORO	HC SCREEN	EPA 8021B	BTEX	MTBE		EPA 6010	Ca, Fe, K, Mg, Mn, Na	EPA 6010/7000	TITLE 22 METALS	TLC	STLC	EPA 150.1	PH	SM2510B	SPECIFIC CONDUCTIVITY	EPA 418.1	TRPH	EPA 8260	ETHANOL	EPA 8015	TPH-D		
C-3	W		100331	1150	6	HCL VOAS	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																											
MW-4				1110	6		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																											
MW-5				1030	6		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																											
MW-6				1315	6		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																											
MW-7				1420	6		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																											
MW-8				1245	6		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																											
MW-9				1220	6		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																											
MW-10	✓			1352	6		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																											
QA	T			0815	2		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																											

Relinquished By: <u>[Signature]</u> Company: <u>BTS</u> Date/Time: <u>3/31/10/1630</u>	Relinquished To: <u>[Signature]</u> Company: <u>BTS</u> Date/Time: <u>3/31/10/1630</u>	Turnaround Time: Standard <input checked="" type="checkbox"/> 24 Hours <input type="checkbox"/> 48 hours <input type="checkbox"/> Other <input type="checkbox"/> 72
Relinquished By: <u>[Signature]</u> Company: <u>BTS</u> Date/Time: <u>4/1/10/1450</u>	Relinquished To: <u>[Signature]</u> Company: <u>LLI</u> Date/Time: <u>4/1/10/1450</u>	Sample Integrity: (Check by lab on arrival)
Relinquished By: _____ Company: _____ Date/Time: _____	Relinquished To: _____ Company: _____ Date/Time: _____	Intact: _____ On Ice: _____ Temp: _____ COC # _____







ATTACHMENT B

LANCASTER LABORATORIES' APRIL 8, 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 08, 2010

Project: 91153

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 1188834.

<u>Client Sample Description</u>	<u>Lancaster Labs (LLI) #</u>
C-3-W-100331 NA Water	5945331
MW-4-W-100331 NA Water	5945332
MW-5-W-100331 NA Water	5945333
MW-6-W-100331 NA Water	5945334
MW-7-W-100331 NA Water	5945335
MW-8-W-100331 NA Water	5945336
MW-9-W-100331 NA Water	5945337
MW-10-W-100331 NA Water	5945338
QA-T-100331 NA Water	5945339

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

ELECTRONIC      Chevron c/o CRA  
COPY TO  
ELECTRONIC      CRA  
COPY TO

Attn: Report Contact

Attn: Charlotte Evans

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

Respectfully Submitted,



**Robin C. Runkle**  
**Senior Specialist**



# Analysis Report

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

**Sample Description:** C-3-W-100331 NA Water  
Facility #91153 BTST  
3135 Gibbons Dr-Alameda T0600100330 C-3

LLI Sample # WW 5945331  
LLI Group # 1188834  
CA

**Project Name:** 91153

Collected: 03/31/2010 11:50 by IW

Account Number: 10991

Submitted: 04/05/2010 09:00

Chevron

Reported: 04/08/2010 at 18:51

6001 Bollinger Canyon Rd L4310

Discard: 05/09/2010

San Ramon CA 94583

GDAC3

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

### General Sample Comments

State of California Lab Certification No. 2501

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

### Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX/MTBE 8260 Water	SW-846 8260B	1	D100963AA	04/07/2010 01:02	Florida A Cimino	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	D100963AA	04/07/2010 01:02	Florida A Cimino	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	10096A07A	04/06/2010 23:30	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	10096A07A	04/06/2010 23:30	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:** MW-4-W-100331 NA Water  
Facility #91153 BTST  
3135 Gibbons Dr-Alameda T0600100330 MW-4

LLI Sample # WW 5945332  
LLI Group # 1188834  
CA

**Project Name:** 91153

Collected: 03/31/2010 11:10 by IW

Account Number: 10991

Submitted: 04/05/2010 09:00

Chevron

Reported: 04/08/2010 at 18:51

6001 Bollinger Canyon Rd L4310

Discard: 05/09/2010

San Ramon CA 94583

GDAM4

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

### General Sample Comments

State of California Lab Certification No. 2501

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

### Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX/MTBE 8260 Water	SW-846 8260B	1	D100963AA	04/06/2010 22:24	Florida A Cimino	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	D100963AA	04/06/2010 22:24	Florida A Cimino	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	10096A07A	04/06/2010 23:57	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	10096A07A	04/06/2010 23:57	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:** MW-5-W-100331 NA Water  
Facility #91153 BTST  
3135 Gibbons Dr-Alameda T0600100330 MW-5

LLI Sample # WW 5945333  
LLI Group # 1188834  
CA

**Project Name:** 91153

Collected: 03/31/2010 10:30 by IW

Account Number: 10991

Submitted: 04/05/2010 09:00

Chevron

Reported: 04/08/2010 at 18:51

6001 Bollinger Canyon Rd L4310

Discard: 05/09/2010

San Ramon CA 94583

GDAM5

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

### General Sample Comments

State of California Lab Certification No. 2501

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

### Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX/MTBE 8260 Water	SW-846 8260B	1	D100963AA	04/07/2010 01:25	Florida A Cimino	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	D100963AA	04/07/2010 01:25	Florida A Cimino	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	10096A07A	04/07/2010 00:24	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	10096A07A	04/07/2010 00:24	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:** MW-6-W-100331 NA Water  
Facility #91153 BTST  
3135 Gibbons Dr-Alameda T0600100330 MW-6

LLI Sample # WW 5945334  
LLI Group # 1188834  
CA

**Project Name:** 91153

Collected: 03/31/2010 13:15 by IW

Account Number: 10991

Submitted: 04/05/2010 09:00

Chevron

Reported: 04/08/2010 at 18:51

6001 Bollinger Canyon Rd L4310

Discard: 05/09/2010

San Ramon CA 94583

GDAM6

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

### General Sample Comments

State of California Lab Certification No. 2501

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

### Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX/MTBE 8260 Water	SW-846 8260B	1	D100963AA	04/07/2010 01:48	Florida A Cimino	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	D100963AA	04/07/2010 01:48	Florida A Cimino	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	10096A07A	04/07/2010 03:31	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	10096A07A	04/07/2010 03:31	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:** MW-7-W-100331 NA Water  
Facility #91153 BTST  
3135 Gibbons Dr-Alameda T0600100330 MW-7

LLI Sample # WW 5945335  
LLI Group # 1188834  
CA

**Project Name:** 91153

Collected: 03/31/2010 14:20 by IW

Account Number: 10991

Submitted: 04/05/2010 09:00

Chevron

Reported: 04/08/2010 at 18:51

6001 Bollinger Canyon Rd L4310

Discard: 05/09/2010

San Ramon CA 94583

GDAM7

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
<b>GC/MS Volatiles SW-846 8260B</b>			ug/l	ug/l	ug/l	
10943	Benzene	71-43-2	110	0.5	1	1
10943	Ethylbenzene	100-41-4	2	0.5	1	1
10943	Methyl Tertiary Butyl Ether	1634-04-4	0.7 J	0.5	1	1
10943	Toluene	108-88-3	1	0.5	1	1
10943	Xylene (Total)	1330-20-7	3	0.5	1	1
<b>GC Volatiles SW-846 8015B</b>			ug/l	ug/l	ug/l	
01728	TPH-GRO N. CA water C6-C12	n.a.	2,000	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	04/07/2010 02:10	Florida A Cimino	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	D100963AA	04/07/2010 02:10	Florida A Cimino	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	10096A07A	04/07/2010 00:50	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	10096A07A	04/07/2010 00:50	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:** MW-8-W-100331 NA Water  
Facility #91153 BTST  
3135 Gibbons Dr-Alameda T0600100330 MW-8

LLI Sample # WW 5945336  
LLI Group # 1188834  
CA

**Project Name:** 91153

Collected: 03/31/2010 12:45 by IW

Account Number: 10991

Submitted: 04/05/2010 09:00

Chevron

Reported: 04/08/2010 at 18:51

6001 Bollinger Canyon Rd L4310

Discard: 05/09/2010

San Ramon CA 94583

GDAM8

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

### General Sample Comments

State of California Lab Certification No. 2501

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

### Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX/MTBE 8260 Water	SW-846 8260B	1	D100963AA	04/07/2010 02:33	Florida A Cimino	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	D100963AA	04/07/2010 02:33	Florida A Cimino	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	10096A07A	04/07/2010 01:17	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	10096A07A	04/07/2010 01:17	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:** MW-9-W-100331 NA Water  
Facility #91153 BTST  
3135 Gibbons Dr-Alameda T0600100330 MW-9

LLI Sample # WW 5945337  
LLI Group # 1188834  
CA

**Project Name:** 91153

Collected: 03/31/2010 12:20 by IW

Account Number: 10991

Submitted: 04/05/2010 09:00

Chevron

Reported: 04/08/2010 at 18:51

6001 Bollinger Canyon Rd L4310

Discard: 05/09/2010

San Ramon CA 94583

GDAM9

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

### General Sample Comments

State of California Lab Certification No. 2501

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

### Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX/MTBE 8260 Water	SW-846 8260B	1	D100963AA	04/07/2010 02:56	Florida A Cimino	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	D100963AA	04/07/2010 02:56	Florida A Cimino	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	10096A07A	04/07/2010 01:44	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	10096A07A	04/07/2010 01:44	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:** MW-10-W-100331 NA Water  
Facility #91153 BTST  
3135 Gibbons Dr-Alameda T0600100330 MW-10

LLI Sample # WW 5945338  
LLI Group # 1188834  
CA

**Project Name:** 91153

Collected: 03/31/2010 13:52 by IW

Account Number: 10991

Submitted: 04/05/2010 09:00

Chevron

Reported: 04/08/2010 at 18:51

6001 Bollinger Canyon Rd L4310

Discard: 05/09/2010

San Ramon CA 94583

GDA10

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

### General Sample Comments

State of California Lab Certification No. 2501

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

### Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX/MTBE 8260 Water	SW-846 8260B	1	D100963AA	04/07/2010 03:18	Florida A Cimino	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	D100963AA	04/07/2010 03:18	Florida A Cimino	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	10096A07A	04/07/2010 02:11	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	10096A07A	04/07/2010 02:11	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 #91153 BTST  
3135 Gibbons Dr-Alameda T0600100330 QA

LLI Sample # WW 5945339  
LLI Group # 1188834  
CA

**Project Name:** 91153

Collected: 03/31/2010 08:15

Account Number: 10991

Submitted: 04/05/2010 09:00

Chevron

Reported: 04/08/2010 at 18:51

6001 Bollinger Canyon Rd L4310

Discard: 05/09/2010

San Ramon CA 94583

GDAQA

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

### General Sample Comments

State of California Lab Certification No. 2501

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

### Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX/MTBE 8260 Water	SW-846 8260B	1	D100963AA	04/06/2010 23:54	Florida A Cimino	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	D100963AA	04/06/2010 23:54	Florida A Cimino	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	10096A07A	04/06/2010 19:29	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	10096A07A	04/06/2010 19:29	Marie D John	1

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



## Quality Control Summary

 Client Name: Chevron  
 Reported: 04/08/10 at 06:51 PM

Group Number: 1188834

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): 5945331-5945339								
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: 10096A07A	Sample number(s): 5945331-5945339								
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): 5945331-5945339 UNSPK: 5945332								
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: 10096A07A	Sample number(s): 5945331-5945339 UNSPK: 5945332								
TPH-GRO N. CA water C6-C12	118		63-154						

### 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
5945331	103	98	96	99
5945332	101	96	97	100
5945333	102	99	98	100
5945334	103	101	97	98
5945335	99	97	98	107

\*- 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: 04/08/10 at 06:51 PM

Group Number: 1188834

### Surrogate Quality Control

5945336	101	98	95	102
5945337	102	97	97	99
5945338	99	96	98	101
5945339	100	98	97	100
Blank	100	95	99	100
LCS	100	97	98	105
MS	102	98	98	106
MSD	100	100	97	106
<hr/>				
Limits:	80-116	77-113	80-113	78-113

Analysis Name: TPH-GRO N. CA water C6-C12  
Batch number: 10096A07A  
Trifluorotoluene-F

5945331	104
5945332	103
5945333	103
5945334	100
5945335	127
5945336	104
5945337	103
5945338	100
5945339	103
Blank	104
LCS	111
LCSD	112
MS	114
<hr/>	
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.

Account # 10991

040110-11 Grap# 1188834

CHAIN OF CUSTODY FORM

Sample # 5945331-39

Chevron Environmental Management Company ■ 6111 Bollinger Canyon Rd. ■ San Ramon, CA 94583 COC 1 of 1

Chevron Site Number: 91153  
 Chevron Site Global ID: T0600100330  
 Chevron Site Address: 3135 Gibbons Dr., Alameda, 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-IW1  
 Sampling Company: Blaine Tech Services  
 Sampled By (Print): IAN WILLIAMS  
 Sampler Signature: [Signature]

ANALYSES REQUIRED												Preservation Codes		
<input checked="" type="checkbox"/> H	<input checked="" type="checkbox"/> H												H = HCL T = Thiosulfate N = HNO <sub>3</sub> B = NaOH S = H <sub>2</sub> SO <sub>4</sub> O = Other	
EPA 8260B/GC/MS	TPH-G	BTEX	MTBE	OXYGENATES	HVOC	EPA 8015B	GRO	DRO	ORO	HC SCREEN	EPA 8021B	BTEX		MTBE
EPA 6010	Ca, Fe, K, Mg, Mn, Na													Special Instructions Must meet lowest detection limits possible for 8260 Compounds
EPA 6010/7000	TITLE 22 METALS	TTLC	STLC	EPA 150.1	PH	SM2510B	SPECIFIC CONDUCTIVITY	EPA 418.1	TRPH	EPA 8260	ETHANOL	EPA 8015	TPH-D	

Charge Code: **NWRTB-0091153-0-OML**  
 NWRTB 00SITE NUMBER-0- WBS  
**(WBS ELEMENTS:**  
 SITE ASSESSMENT: **A1L** REMEDIATION IMPLEMENTATION: **R5L**  
 SITE MONITORING: **OML** OPERATION MAINTENANCE & MONITORING: **M1L**  
**THIS IS A LEGAL DOCUMENT. ALL FIELDS MUST BE FILLED OUT CORRECTLY AND COMPLETELY.**

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

Other Lab  
 Temp. Blank Check Time Temp.  
0956  
1158  
1340  
000  
000

SAMPLE ID				Sample Time	# of Containers	Container Type	ANALYSES REQUIRED												Notes/Comments																				
Field Point Name	Matrix	Top Depth	Date (yymmdd)				EPA 8260B/GC/MS	TPH-G	BTEX	MTBE	OXYGENATES	HVOC	EPA 8015B	GRO	DRO	ORO	HC SCREEN	EPA 8021B		BTEX	MTBE	EPA 6010	Ca, Fe, K, Mg, Mn, Na	EPA 6010/7000	TITLE 22 METALS	TTLC	STLC	EPA 150.1	PH	SM2510B	SPECIFIC CONDUCTIVITY	EPA 418.1	TRPH	EPA 8260	ETHANOL	EPA 8015	TPH-D		
C-3	W		100331	1150	6	HCL VOAS	X	X																															
MW-4				1110	6		X	X																															
MW-5				1030	6		X	X																															
MW-6				1315	6		X	X																															
MW-7				1420	6		X	X																															
MW-8				1245	6		X	X																															
MW-9				1220	6		X	X																															
MW-10				1352	6		X	X																															
QA	T			0815	2		X	X																															

Relinquished By: <u>[Signature]</u> Company: <u>BTS</u> Date/Time: <u>3/31/10/1630</u>	Relinquished To: <u>[Signature]</u> Company: <u>BTS</u> Date/Time: <u>3/31/10/1630</u>	Turnaround Time: Standard <input checked="" type="checkbox"/> 24 Hours <input type="checkbox"/> 48 hours <input type="checkbox"/> 72 Hours <input type="checkbox"/> Other <input type="checkbox"/>
Relinquished By: <u>[Signature]</u> Company: <u>BTS</u> Date/Time: <u>4/1/10/1450</u>	Relinquished To: <u>[Signature]</u> Company: <u>LLI</u> Date/Time: <u>4/1/10/1450</u>	Sample Integrity: (Check by lab on arrival) Intact: <input checked="" type="checkbox"/> On Ice: <input checked="" type="checkbox"/> Temp: <u>2.1-4.5°C</u>
Relinquished By: <u>[Signature]</u> Company: <u>LLI</u> Date/Time: <u>02 APR 16 34</u>	Relinquished To: <u>[Signature]</u> Company: <u>FEDEX</u> Date/Time: <u>4/5/10 900</u>	COC #

[Signature] LLI 4/5/10 900

## Lancaster Laboratories Explanation of Symbols and Abbreviations

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

<b>N.D.</b>	none detected	<b>BMQL</b>	Below Minimum Quantitation Level
<b>TNTC</b>	Too Numerous To Count	<b>MPN</b>	Most Probable Number
<b>IU</b>	International Units	<b>CP Units</b>	cobalt-chloroplatinate units
<b>umhos/cm</b>	micromhos/cm	<b>NTU</b>	nephelometric turbidity units
<b>C</b>	degrees Celsius	<b>F</b>	degrees Fahrenheit
<b>Cal</b>	(diet) calories	<b>lb.</b>	pound(s)
<b>meq</b>	milliequivalents	<b>kg</b>	kilogram(s)
<b>g</b>	gram(s)	<b>mg</b>	milligram(s)
<b>ug</b>	microgram(s)	<b>l</b>	liter(s)
<b>ml</b>	milliliter(s)	<b>ul</b>	microliter(s)
<b>m3</b>	cubic meter(s)	<b>fib &gt;5 um/ml</b>	fibers greater than 5 microns in length per ml
<b>&lt;</b>	less than – The number following the sign is the <u>limit of quantitation</u> , the smallest amount of analyte which can be reliably determined using this specific test.		
<b>&gt;</b>	greater than		
<b>ppm</b>	parts per million – One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.		
<b>ppb</b>	parts per billion		
<b>Dry weight basis</b>	Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture.		

U.S. EPA data qualifiers:

### Organic Qualifiers

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

### Inorganic Qualifiers

<b>B</b>	Value is <CRDL, but ≥IDL
<b>E</b>	Estimated due to interference
<b>M</b>	Duplicate injection precision not met
<b>N</b>	Spike amount not within control limits
<b>S</b>	Method of standard additions (MSA) used for calculation
<b>U</b>	Compound was not detected
<b>W</b>	Post digestion spike out of control limits
<b>*</b>	Duplicate analysis not within control limits
<b>+</b>	Correlation coefficient for MSA <0.995

Analytical test results for methods listed on the laboratories' accreditation scope meet all requirements of NELAC unless otherwise noted under the individual analysis.

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

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