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2:11 pm, Feb 16, 2011

Alameda County
Environmental Health

Dave Patten
Project Manager
Marketing Business Unit

**Chevron Environmental
Management Company**
6111 Bollinger Canyon Road
San Ramon, CA 94583
Tel (925) 543-2961
Fax (925) 543-2324
acosta@chevron.com

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

Re: Chevron Service Station No. 9-4800
1700 Castro Street
Oakland, CA

I have reviewed the attached report dated February 10, 2011.

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

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

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

Sincerely,

Dave Patten
Project Manager

Attachment: Report



**CONESTOGA-ROVERS
& ASSOCIATES**

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

February 10, 2011

Reference No. 060061

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

Re: Second Semi-Annual 2010
Groundwater Monitoring and Sampling Report
Chevron Service Station 9-4800
1700 Castro Street
Oakland, California
Fuel Leak Case No. RO0000342

Dear Mr. Mark Detterman:

Conestoga-Rovers & Associates (CRA) is submitting this *Second Semi-Annual 2010 Groundwater Monitoring and Sampling Report* for the site referenced above (Figure 1) on behalf of Chevron Environmental Management Company. Groundwater monitoring and sampling was performed by Blaine Tech Services (Blaine Tech) of San Jose, California. Blaine Tech's December 2, 2010 *Fourth Quarter 2010 Monitoring* report is included as Attachment A. Groundwater monitoring and sampling data are presented in Table 1. Lancaster Laboratories' December 15, 2010 *Analytical Results* is included as Attachment B.

Equal
Employment Opportunity
Employer



**CONESTOGA-ROVERS
& ASSOCIATES**

February 10, 2011

Reference No. 060061

- 2 -

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

Sincerely,

CONESTOGA-ROVERS & ASSOCIATES

Nathan Lee, PG 8486



BW/aa/6

Encl.

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

cc: Mr. Dave Patten

FIGURES

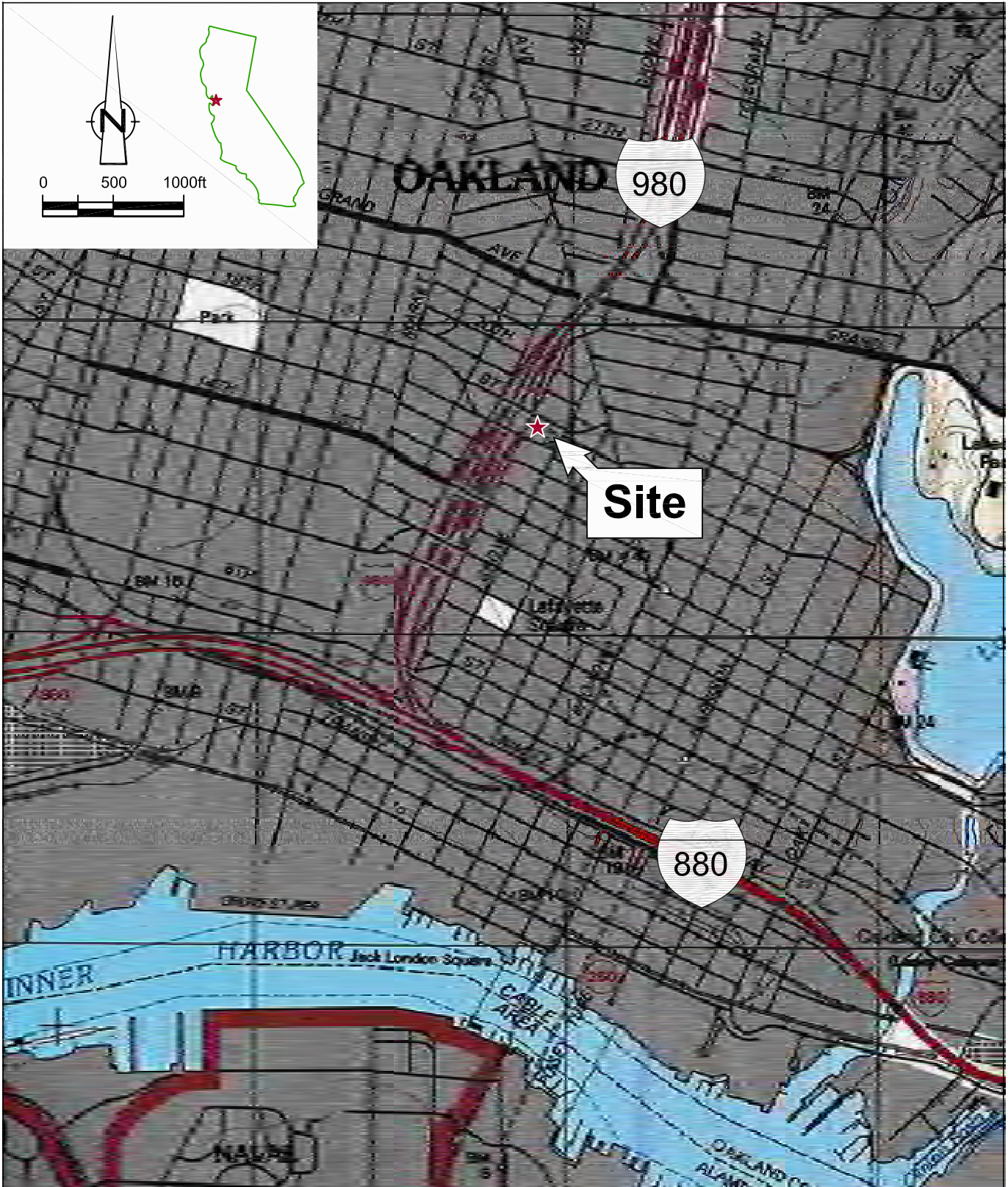
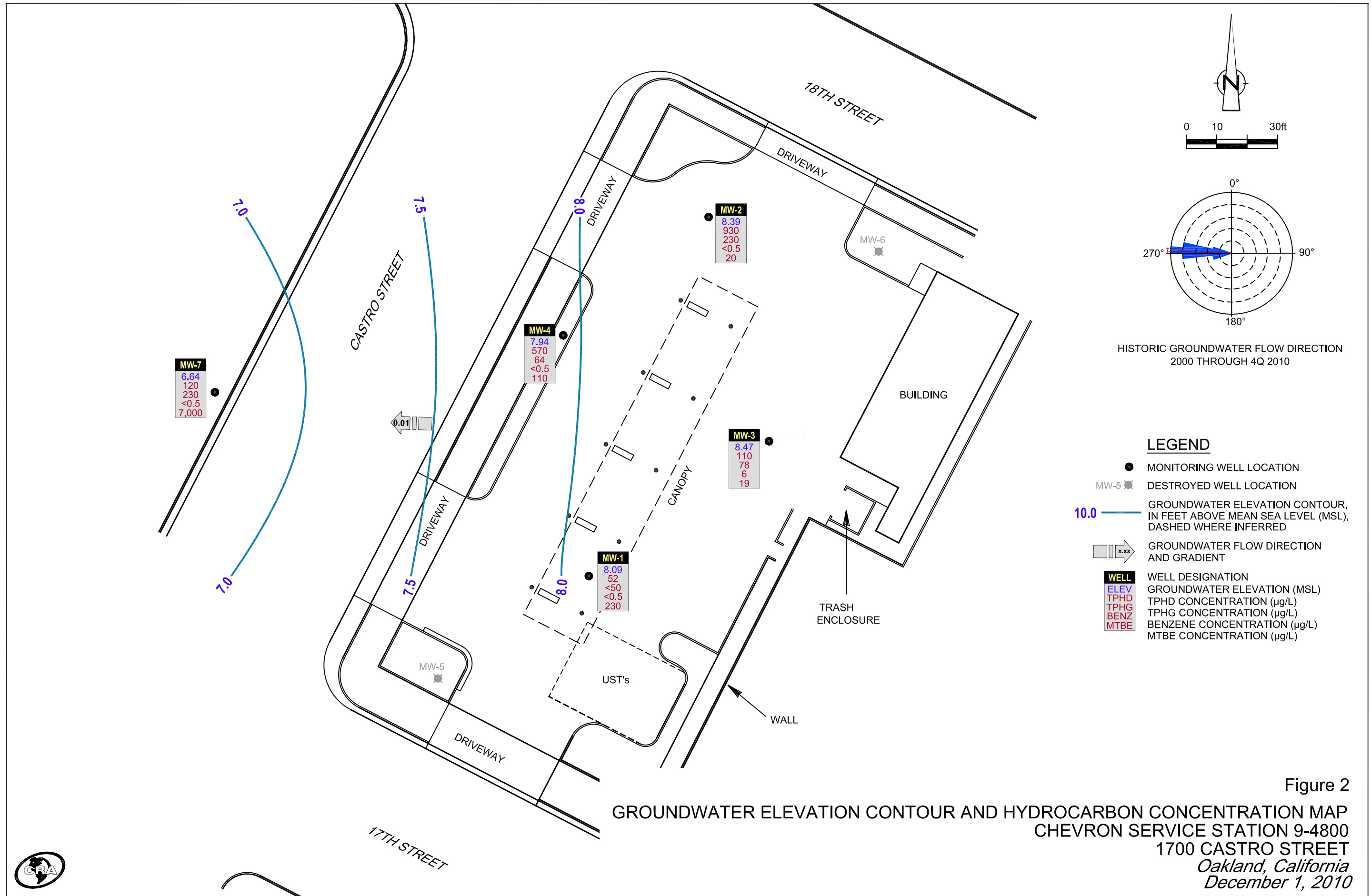


Figure 1
VICINITY MAP
CHEVRON SERVICE STATION 9-4800
1700 CASTRO STREET
Oakland, California





TABLE

**GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 9-4800
1700 CASTRO STREET
OAKLAND, CALIFORNIA**

Location	Date	TOC	DTW	GWE	HYDROCARBONS		PRIMARY VOCs						ADDITIONAL VOCs						
					TPH-DRO	TPH-GRO	B	T	E	X	MTBE by VOC	MTBE by SW8240	MTBE by SW8260	ETHANOL	TBA	DIPE	ETBE	ETAME	
	Units	ft	ft	ft-amsl	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MW-1	06/04/1997	30.75	25.82	4.39	71 ¹	890	100	110	29	150	<10	-	-	-	-	-	-	-	-
MW-1	09/16/1997	30.75	25.90	4.85	75 ¹	1,600	210	210	60	250	<10	-	-	-	-	-	-	-	-
MW-1	12/17/1997	30.75	25.87	4.88	65 ¹	940	120	100	41	160	<25	-	-	-	-	-	-	-	-
MW-1	03/18/1998	30.75	24.85	5.90	77 ¹	530	91	39	22	65	6.8	-	-	-	-	-	-	-	-
MW-1	06/28/1998	30.75	24.83	5.92	140 ¹	1,100	220	140	37	120	-	14	-	-	-	-	-	-	-
MW-1	09/07/1998	30.75	25.19	5.56	280 ¹	1,700	530	86	84	240	49	-	-	-	-	-	-	-	-
MW-1	12/09/1998	30.75	25.65	5.10	240 ¹	1,700	240	130	100	270	32	-	-	-	-	-	-	-	-
MW-1	03/11/1999	30.75	25.45	5.30	98 ¹	353	53.9	28.6	20.5	56.1	14.1	-	-	-	-	-	-	-	-
MW-1	06/17/1999	30.75	25.36	5.39	217 ¹	810	270	150	95	340	15	-	-	-	-	-	-	-	-
MW-1	09/29/1999	30.75	25.62	5.13	153 ¹	659	76	49.7	35.1	118	12.6	-	-	-	-	-	-	-	-
MW-1	12/14/1999	30.75	25.68	5.07	188 ^{1,2}	2,760	287	199	139	502	<12.5	-	-	-	-	-	-	-	-
MW-1	03/09/2000 ³	30.75	25.21	5.54	166 ¹	1,590	238	94.9	72.2	247	22.3	-	-	-	-	-	-	-	-
MW-1	06/10/2000	30.75	25.02	5.73	-	1,460	242	47.8	83.8	151	97.3	-	-	-	-	-	-	-	-
MW-1	09/30/2000	30.75	25.45	5.30	240 ⁷	650 ⁶	130	49	69	190	21	-	-	-	-	-	-	-	-
MW-1	12/22/2000	30.75	25.70	5.05	200 ⁹	640 ⁶	110	33	58	160	68	-	-	-	-	-	-	-	-
MW-1	03/01/2001	30.75	25.50	5.25	211 ⁷	1,500 ⁶	210	67.9	109	320	87.3	-	-	-	-	-	-	-	-
MW-1	05/04/2001	30.75	25.34	5.41	130 ⁷	991	127	32.6	73.0	137	95.4	-	-	-	-	-	-	-	-
MW-1	09/05/2001	30.75	25.59	5.16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	12/21/2001	30.75	25.58	5.17	210	2,000	220	16	110	400	34	-	-	-	-	-	-	-	-
MW-1	03/15/2002	30.75	25.15	5.60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	06/15/2002	30.75	25.26	5.49	140	350	54	0.61	12	40	130	-	-	-	-	-	-	-	-
MW-1	09/06/2002	30.75	25.49	5.26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	12/06/2002	30.75	25.63	5.12	2,900	900	71	2.1	39	150	34	-	-	-	-	-	-	-	-
MW-1	03/03/2003	30.75	25.29	5.46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	06/17/2003 ¹⁴	30.75	25.11	5.64	180	290	34	0.6	23	90	-	-	92	-	-	-	-	-	-

TABLE 1

**GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 9-4800
1700 CASTRO STREET
OAKLAND, CALIFORNIA**

Location	Date	TOC	DTW	GWE	HYDROCARBONS		PRIMARY VOCs						ADDITIONAL VOCs						
					TPH-DRO	TPH-GRO	B	T	E	X	MTBE by VOC	MTBE by SW8240	MTBE by SW8260	ETHANOL	TBA	DIPE	ETBE	TIAME	
	Units	ft	ft	ft-amsl	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MW-1	09/16/2003	30.75	25.38	5.37	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	12/31/2003 ¹⁴	30.75	25.55	5.20	150	1,500	97	6	70	230	-	-	86	<50	-	-	-	-	-
MW-1	03/26/2004	30.75	25.01	5.74	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	08/17/2004 ¹⁴	30.75	26.16	4.59	860	500	44	5	12	54	-	-	76	<50	-	-	-	-	-
MW-1	11/16/2004 ¹⁴	34.01	26.16	7.85	<26	570	33	<0.5	14	53	-	-	48	<50	-	-	-	-	-
MW-1	02/18/2005	34.01	25.76	8.25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	05/06/2005 ¹⁴	34.01	25.39	8.62	110	170	13	<0.5	4	18	-	-	220	<50	-	-	-	-	-
MW-1	08/05/2005	34.01	25.70	8.31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	11/07/2005 ¹⁴	34.01	26.02	7.99	260 ²⁰	180	7	<0.5	3	24	-	-	260	<50	-	-	-	-	-
MW-1	02/06/2006	34.01	25.68	8.33	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	05/08/2006 ¹⁴	34.01	24.98	9.03	730	270	23	<0.7	1	18	590	-	-	<50	-	-	-	-	-
MW-1	08/08/2006	34.01	25.52	8.49	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	11/08/2006 ¹⁴	34.01	25.90	8.11	380	<50	0.6	<0.5	<0.5	2	140	-	-	<50	-	-	-	-	-
MW-1	02/06/2007	34.01	25.98	8.03	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	05/01/2007 ¹⁴	34.01	25.78	8.23	750	58	0.8	<0.5	<0.5	1	-	-	280	<50	-	-	-	-	-
MW-1	07/31/2007	34.01	26.00	8.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	11/08/2007 ¹⁴	34.01	26.16	7.85	330	<50	<0.5	<0.5	<0.5	0.9	-	-	270	<50	-	-	-	-	-
MW-1	02/04/2008	34.01	25.97	8.04	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	05/01/2008 ¹⁴	34.01	25.95	8.06	86	<50	<0.5	<0.5	<0.5	<0.5	-	-	470	<50	-	-	-	-	-
MW-1	08/01/2008	34.01	26.04	7.97	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	11/13/2008 ¹⁴	34.01	26.13	7.88	<50	170	1	<0.5	<0.5	2	-	-	190	<50	-	-	-	-	-
MW-1	02/23/2009	34.01	25.94	8.07	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	05/20/2009	34.01	25.63	8.38	88 J	<50	0.6 J	<0.5	<0.5	2	-	-	190	<50	-	-	-	-	-
MW-1	08/25/2009	34.01	25.80	8.21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	11/18/2009	34.01	25.93	8.08	150	<50	<0.5	<0.5	0.6 J	<0.5	-	-	310	<50	-	-	-	-	-

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Location	Date	TOC	DTW	GWE	HYDROCARBONS		PRIMARY VOCs						ADDITIONAL VOCs						
					TPH-DRO	TPH-GRO	B	T	E	X	MTBE by VOC	MTBE by SW8240	MTBE by SW8260	ETHANOL	TBA	DIPE	ETBE	TIAME	
	Units	ft	ft	ft-amsl	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MW-1	05/18/2010	34.01	25.54	8.47	110	<50	<0.5	<0.5	<0.5	<0.5	-	-	230	<50	9	-	-	-	-
MW-1	12/01/2010	34.01	25.92	8.09	52 J	<50	<0.5	<0.5	<0.5	<0.5	-	-	230	<50	-	-	-	-	-
MW-2	06/04/1997	30.00	24.87	5.13	4,000 ¹	13,000	790	30	420	1,700	4,000	-	-	-	-	-	-	-	-
MW-2	09/16/1997	30.00	24.94	5.06	2,200 ¹	4,000	360	9.7	210	460	1,500	-	-	-	-	-	-	-	-
MW-2	12/17/1997	30.00	24.82	5.18	2,100 ¹	4,100	380	<10	200	460	2,100	-	-	-	-	-	-	-	-
MW-2	03/18/1998	30.00	23.57	6.43	3,700 ¹	8,400	1,800	<50	350	630	13,000	-	-	-	-	-	-	-	-
MW-2	06/28/1998 ⁴	30.00	23.79	6.21	4,400 ¹	9,300	740	340	710	2,300	-	3,800	-	-	-	-	-	-	-
MW-2	09/07/1998	30.00	24.22	5.78	3,100 ¹	9,900	1,000	150	640	1,800	4,500 / 4,100 ⁵	-	-	-	-	-	-	-	-
MW-2	12/09/1998	30.00	24.69	5.31	1,900 ¹	8,500	860	74	610	960	2,600 / 2,600 ⁵	-	-	-	-	-	-	-	-
MW-2	03/11/1999	30.00	24.21	5.79	2,700 ¹	12,500	1,520	42.2	645	2,250	5,050 / 3,400 ⁵	-	-	-	-	-	-	-	-
MW-2	06/17/1999	30.00	24.31	5.69	7,150 ¹	27,000	2,200	260	1,500	5,900	4,700	-	-	-	-	-	-	-	-
MW-2	09/29/1999	30.00	24.55	5.45	3,030 ¹	6,910	582	11.1	491	1,170	1,970	-	-	-	-	-	-	-	-
MW-2	12/14/1999	30.00	24.61	5.39	615 ^{1,2}	4,230	282	12.3	284	690	631	-	-	-	-	-	-	-	-
MW-2	03/09/2000 ³	30.00	23.92	6.08	3,300 ¹	15,300	1,110	39.4	1,040	3,030	2,470	-	-	-	-	-	-	-	-
MW-2	06/10/2000	30.00	23.87	6.13	-	7,360	560	40.7	627	1,280	1,260	-	-	-	-	-	-	-	-
MW-2	09/30/2000	30.00	24.33	5.67	1,800 ⁷	3,600 ⁶	280	<10	420	430	290	-	-	-	-	-	-	-	-
MW-2	12/22/2000	30.00	24.61	5.39	870 ⁹	1,500 ⁶	100	<1.3	160	59	380	-	-	-	-	-	-	-	-
MW-2	03/01/2001	30.00	24.21	5.79	1,320 ⁷	2,340 ⁶	171	<5.00	238	157	864	-	-	-	-	-	-	-	-
MW-2	05/04/2001	30.00	24.17	5.83	3,100 ⁷	11,900	199	33.9	1,420	290	3,890	-	-	-	-	-	-	-	-
MW-2	09/05/2001	30.00	24.55	5.45	2,200	3,300	170	1.7	310	110	1,100	-	-	-	-	-	-	-	-
MW-2	12/21/2001	30.00	24.40	5.60	980	1,100	58	0.72	120	14	450	-	-	-	-	-	-	-	-
MW-2	03/15/2002	30.00	23.95	6.05	2,200	5,000	250	9.1	470	430	1,800	-	-	-	-	-	-	-	-
MW-2	06/15/2002	30.00	24.16	5.84	3,700	5,200	240	5.2	540	210	2,200	-	-	-	-	-	-	-	-
MW-2	09/06/2002	30.00	24.41	5.59	2,200	2,100	84	1.4	250	30	1,000	-	-	-	-	-	-	-	-

TABLE 1

**GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 9-4800
1700 CASTRO STREET
OAKLAND, CALIFORNIA**

Location	Date	TOC	DTW	GWE	HYDROCARBONS		PRIMARY VOCs						ADDITIONAL VOCs						
					TPH-DRO	TPH-GRO	B	T	E	X	MTBE by VOC	MTBE by SW8240	MTBE by SW8260	ETHANOL	TBA	DIPE	ETBE	TIAME	
	Units	ft	ft	ft-amsl	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MW-2	12/06/2002	30.00	24.56	5.44	730	780	21	<0.50	58	3.4	480	-	-	-	-	-	-	-	-
MW-2	03/03/2003	30.00	24.21	5.79	3,500	4,800	220	1.9	650	46	4,400	-	-	-	-	-	-	-	-
MW-2	06/17/2003 ¹⁴	30.00	23.93	6.07	4,100	4,700	140	4	370	84	-	-	2,700	-	-	-	-	-	-
MW-2	09/16/2003 ¹⁴	30.00	24.31	5.69	1,800 ¹⁵	1,300	38	<1	110	3	-	-	1,300	<130	-	-	-	-	-
MW-2	12/31/2003 ¹⁴	30.00	24.36	5.64	330	990	11	<0.5	23	3	-	-	440	<50	-	-	-	-	-
MW-2	03/26/2004	30.00	23.75	6.25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	08/17/2004 ¹⁴	30.00	24.47	5.53	400	300	9	<0.5	18	1	-	-	340	<50	-	-	-	-	-
MW-2	11/16/2004 ¹⁴	32.59	24.45	8.14	4,300	10,000	91	7	830	1,300	-	-	1,100	<100	-	-	-	-	-
MW-2	02/18/2005	32.59	23.92	8.67	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	05/06/2005 ¹⁴	32.59	23.53	9.06	1,300	4,900	62	4	290	320	-	-	400	<50	-	-	-	-	-
MW-2	08/05/2005	32.59	23.98	8.61	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	11/07/2005 ¹⁴	32.59	24.32	8.27	300 ²⁰	800	2	<0.5	<0.5	<0.5	-	-	66	<50	-	-	-	-	-
MW-2	02/06/2006	32.59	23.83	8.76	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	05/08/2006 ¹⁴	32.59	23.10	9.49	2,100	6,100	32	4	430	460	360	-	-	<50	-	-	-	-	-
MW-2	08/08/2006	32.59	23.80	8.79	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	11/08/2006 ¹⁴	32.59	24.27	8.32	770	120	12	<0.5	0.7	8	840	-	-	<50	-	-	-	-	-
MW-2	02/06/2007	32.59	24.29	8.30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	05/01/2007 ¹⁴	32.59	24.05	8.54	160	850	<0.5	<0.5	16	36	-	-	100	<50	-	-	-	-	-
MW-2	07/31/2007	32.59	24.31	8.28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	11/08/2007 ¹⁴	32.59	24.47	8.12	800	180	<0.5	<0.5	<0.5	<0.5	-	-	37	<50	-	-	-	-	-
MW-2	02/04/2008	32.59	24.21	8.38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	05/01/2008 ¹⁴	32.59	24.25	8.34	500	430	<0.5	<0.5	<0.5	5	-	-	120	<50	-	-	-	-	-
MW-2	08/01/2008	32.59	24.33	8.26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	11/13/2008 ¹⁴	32.59	24.42	8.17	2,600	2,500	3	1	190	83	-	-	240	<50	-	-	-	-	-
MW-2	02/23/2009	32.59	24.21	8.38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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	Units	ft	ft	ft-amsl	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MW-2	05/20/2009	32.59	23.65	8.94	2,800 J	4,000	4	1	42	55	-	-	160	<50	-	-	-	-	-
MW-2	08/25/2009	32.59	24.00	8.59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	11/18/2009	32.59	24.51	8.08	2,800	5,400	4	1 J	69	34	-	-	79	<100	-	-	-	-	-
MW-2	05/18/2010	32.59	23.65	8.94	1,100	580	<0.5	<0.5	<0.5	<0.5	-	-	22	<50	6	-	-	-	-
MW-2	12/01/2010	32.59	24.20	8.39	930	230	<0.5	<0.5	<0.5	<0.5	-	-	20	<50	-	-	-	-	-
MW-3	06/04/1997	31.32	26.05	5.27	<50	190	26	20	1.5	16	8.2	-	-	-	-	-	-	-	-
MW-3	09/16/1997	31.32	26.15	5.17	<50	270	58	53	6.1	30	21	-	-	-	-	-	-	-	-
MW-3	12/17/1997	31.32	26.10	5.22	<50	290	50	54	8.1	37	21	-	-	-	-	-	-	-	-
MW-3	03/18/1998	31.32	24.90	6.42	<50	390	140	33	4.6	30	94	-	-	-	-	-	-	-	-
MW-3	06/28/1998	31.32	24.93	6.39	<50	290	90	11	1.6	13	-	150	-	-	-	-	-	-	-
MW-3	09/07/1998	31.32	25.35	5.97	<50	170	46	20	4.3	19	120	-	-	-	-	-	-	-	-
MW-3	12/09/1998	31.32	25.91	5.41	55 ¹	660	120	93	22	72	150	-	-	-	-	-	-	-	-
MW-3	03/11/1999	31.32	25.47	5.85	<50	653	136	69.5	13.7	63.8	144	-	-	-	-	-	-	-	-
MW-3	06/17/1999	31.32	25.42	5.90	103 ¹	530	190	110	24	88	210	-	-	-	-	-	-	-	-
MW-3	09/29/1999	31.32	25.71	5.61	232 ¹	433	97.8	61.4	16.9	56.6	156	-	-	-	-	-	-	-	-
MW-3	12/14/1999	31.32	25.77	5.55	<50 ²	8,650	1,040	795	212	800	995	-	-	-	-	-	-	-	-
MW-3	03/09/2000 ³	31.32	25.18	6.14	74.6 ¹	1,170	304	103	25.2	114	539	-	-	-	-	-	-	-	-
MW-3	06/10/2000	31.32	25.03	6.29	-	359	63.8	27.8	10.5	35.4	393	-	-	-	-	-	-	-	-
MW-3	09/30/2000	31.32	25.53	5.79	100 ⁸	220 ⁶	42	33	12	38	67	-	-	-	-	-	-	-	-
MW-3	12/22/2000	31.32	25.80	5.52	110 ⁹	370 ⁶	96	48	18	58	180	-	-	-	-	-	-	-	-
MW-3	03/01/2001	31.32	25.57	5.75	144 ⁷	912 ⁶	218	89.0	36.0	110	310	-	-	-	-	-	-	-	-
MW-3	05/04/2001	31.32	25.36	5.96	<50	1,260	146	79.6	38.2	101	1,070	-	-	-	-	-	-	-	-
MW-3	09/05/2001	31.32	25.71	5.61	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-3	12/21/2001	31.32	25.65	5.67	180	850	160	11	32	84	300	-	-	-	-	-	-	-	-

**GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 9-4800
1700 CASTRO STREET
OAKLAND, CALIFORNIA**

Location	Date	TOC	DTW	GWE	HYDROCARBONS		PRIMARY VOCs						ADDITIONAL VOCs						
					TPH-DRO	TPH-GRO	B	T	E	X	MTBE by VOC	MTBE by SW8240	MTBE by SW8260	ETHANOL	TBA	DIPE	ETBE	TIAME	
	Units	ft	ft	ft-amsl	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MW-3	03/15/2002	31.32	25.17	6.15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-3	06/15/2002	31.32	25.31	6.01	<50	550	110	3.0	23	58	590	-	-	-	-	-	-	-	-
MW-3	09/06/2002	31.32	25.58	5.74	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-3	12/06/2002	31.32	25.76	5.56	160	350	60	1.3	11	32	530	-	-	-	-	-	-	-	-
MW-3	03/03/2003	31.32	25.40	5.92	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-3	06/17/2003 ¹⁴	31.32	25.13	6.19	130	560	90	2	19	57	-	-	590	-	-	-	-	-	-
MW-3	09/16/2003	31.32	25.47	5.85	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-3	12/31/2003 ¹⁴	31.32	25.65	5.67	120	840	140	24	25	87	-	-	670	66	-	-	-	-	-
MW-3	03/26/2004	31.32	24.99	6.33	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-3	08/17/2004 ¹⁴	31.32	25.86	5.46	110	630	84	18	11	35	-	-	410	<50	-	-	-	-	-
MW-3	11/16/2004 ¹⁴	34.16	25.90	8.26	92	740	100	4	21	45	-	-	460	<50	-	-	-	-	-
MW-3	02/18/2005	34.16	25.37	8.79	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-3	05/06/2005 ¹⁴	34.16	24.98	9.18	83	290	43	<1	6	11	-	-	740	<100	-	-	-	-	-
MW-3	08/05/2005	34.16	25.35	8.81	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-3	11/07/2005 ¹⁴	34.16	25.69	8.47	66	220	29	0.7	3	26	-	-	440	<50	-	-	-	-	-
MW-3	02/06/2006	34.16	25.28	8.88	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-3	05/08/2006 ¹⁴	34.16	24.49	9.67	310	560	70	<1	3	24	3,300	-	-	<100	-	-	-	-	-
MW-3	08/08/2006	34.16	25.16	9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-3	11/08/2006 ¹⁴	34.16	25.59	8.57	210	510	<0.5	<0.5	<0.5	<0.5	73	-	-	<50	-	-	-	-	-
MW-3	02/06/2007	34.16	25.68	8.48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-3	05/01/2007 ¹⁴	34.16	25.46	8.70	84	260	36	<0.5	0.8	18	-	-	1,200	<50	-	-	-	-	-
MW-3	07/31/2007	34.16	25.70	8.46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-3	11/08/2007 ¹⁴	34.16	25.87	8.29	260	270	32	0.9	3	29	-	-	440	<50	-	-	-	-	-
MW-3	02/04/2008	34.16	25.68	8.48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-3	05/01/2008 ¹⁴	34.16	25.66	8.50	82	240	30	<0.5	<0.5	20	-	-	690	<50	-	-	-	-	-

**GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 9-4800
1700 CASTRO STREET
OAKLAND, CALIFORNIA**

Location	Date	TOC	DTW	GWE	HYDROCARBONS		PRIMARY VOCs						ADDITIONAL VOCs						
					TPH-DRO	TPH-GRO	B	T	E	X	MTBE by VOC	MTBE by SW8240	MTBE by SW8260	ETHANOL	TBA	DIPE	ETBE	TIAME	
	Units	ft	ft	ft-amsl	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MW-3	08/01/2008	34.16	25.76	8.40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-3	11/13/2008 ¹⁴	34.16	25.80	8.36	<50	720	22	<0.5	<0.5	7	-	-	790	<50	-	-	-	-	-
MW-3	02/23/2009	34.16	25.72	8.44	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-3	05/20/2009	34.16	25.30	8.86	210	460	42	<0.5	1	20	-	-	450	<50	-	-	-	-	-
MW-3	08/25/2009	34.16	25.56	8.60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-3	11/18/2009	34.16	25.71	8.45	240	280	25	<0.5	<0.5	9	-	-	170	<50	-	-	-	-	-
MW-3	05/18/2010	34.16	25.11	9.05	150	63 J	11	<0.5	<0.5	1	-	-	110	<50	470	-	-	-	-
MW-3	12/01/2010	34.16	25.69	8.47	110	78 J	6	<0.5	<0.5	3	-	-	19	<50	-	-	-	-	-
MW-4	04/08/1999	30.13	-	-	-	130	3.1	<0.5	<0.5	7.7	4,700 / 5,400	-	-	<25,000	<5,000	<100	<100	<100	
MW-4	06/17/1999	30.13	24.94	5.19	3,780 ¹	590	58	<5.0	<5.0	160	6,200	-	-	-	-	-	-	-	
MW-4	09/29/1999	30.13	25.17	4.96	1,130 ¹	692	10.7	<2.5	5.51	236	7,840	-	-	-	-	-	-	-	
MW-4	12/14/1999	30.13	25.22	4.91	571 ^{1,2}	625	<10	3.83	<10	94.6	4,470	-	-	-	-	-	-	-	
MW-4	03/09/2000 ³	30.13	24.68	5.45	600 ¹	402	3.76	1.18	<0.5	71.4	3,140	-	-	-	-	-	-	-	
MW-4	06/10/2000	30.13	24.60	5.53	-	<1,000	13.2	<10.0	<10.0	97.8	3,080	-	-	-	-	-	-	-	
MW-4	09/30/2000	30.13	25.04	5.09	1,400 ⁷	280 ⁶	21	0.67	6.3	60	3,300	-	-	-	-	-	-	-	
MW-4	12/22/2000	30.13	25.23	4.90	740 ⁹	240 ⁶	2.2	<0.50	1.3	25	2,200	-	-	-	-	-	-	-	
MW-4	03/01/2001	30.13	24.98	5.15	661 ⁷	193	2.31	<0.500	1.34	12.1	1,220	-	-	-	-	-	-	-	
MW-4	05/04/2001	30.13	24.88	5.25	1,100 ⁷	722	12.0	<5.00	17.1	89.4	2,390	-	-	-	-	-	-	-	
MW-4	09/05/2001	30.13	25.17	4.96	2,500	1,400	23	2.2	19	260	2,300	-	-	-	-	-	-	-	
MW-4	12/21/2001	30.13	25.07	5.06	1,100	310	2.9	<0.50	2.6	32	860	-	-	-	-	-	-	-	
MW-4	03/15/2002	30.13	24.69	5.44	3,100	520	5.0	<0.50	15	6.8	2,700	-	-	-	-	-	-	-	
MW-4	06/15/2002	30.13	24.84	5.29	2,400	950	16	3.6	41	100	2,200	-	2,400 ¹²	-	840	<2.0	<2.0	110	
MW-4	09/06/2002	30.13	25.06	5.07	2,600	640	9.6	0.52	9.8	28	1,700	-	-	-	-	-	-	-	
MW-4	12/06/2002	30.13	25.20	4.93	1,400	280	3.6	<0.50	1.7	<1.5	730	-	-	-	-	-	-	-	

TABLE 1

**GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 9-4800
1700 CASTRO STREET
OAKLAND, CALIFORNIA**

Location	Date	TOC	DTW	GWE	HYDROCARBONS		PRIMARY VOCs						ADDITIONAL VOCs						
					TPH-DRO	TPH-GRO	B	T	E	X	MTBE by VOC	MTBE by SW8240	MTBE by SW8260	ETHANOL	TBA	DIPE	ETBE	TIAME	
	Units	ft	ft	ft-amsl	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MW-4	03/03/2003	30.13	24.85	5.28	1,500	280	2.7	<0.50	7.3	2.3	910	-	-	-	-	-	-	-	-
MW-4	06/17/2003 ¹⁴	30.13	24.69	5.44	2,000	660	8	1	38	16	-	-	1,100	-	520	<0.5	<0.5	110	
MW-4	09/16/2003 ¹⁴	30.13	24.98	5.15	2,100 ¹⁶	480	6	<1	11	3	-	-	710	<100	-	-	-	-	
MW-4	12/31/2003 ¹⁴	30.13	25.06	5.07	1,400	220	3	<0.5	2	<0.5	-	-	390	<50	-	-	-	-	
MW-4	03/26/2004	30.13	24.53	5.60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MW-4	08/17/2004 ¹⁴	30.13	25.45	4.68	2,100	470	12	1	28	4	-	-	370	<50	66	<0.5	<0.5	50	
MW-4	11/16/2004 ¹⁴	33.07	25.44	7.63	960	270	7	<0.5	7	6	-	-	270	<50	-	-	-	-	
MW-4	02/18/2005	33.07	25.00	8.07	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MW-4	05/06/2005 ¹⁴	33.07	24.69	8.38	350	86	0.7	<0.5	<0.5	<0.5	-	-	110	<50	21	<0.5	<0.5	8	
MW-4	08/05/2005	33.07	25.02	8.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MW-4	11/07/2005 ¹⁴	33.07	25.33	7.74	150	54	0.6	<0.5	<0.5	<0.5	-	-	59	<50	-	-	-	-	
MW-4	02/06/2006	33.07	24.94	8.13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MW-4	05/08/2006 ¹⁴	33.07	24.27	8.80	200	66	0.5	<0.5	<0.5	<0.5	92	-	-	<50	-	-	-	-	
MW-4	08/08/2006	33.07	25.16	7.91	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MW-4	11/08/2006 ¹⁴	33.07	25.23	7.84	400	55	<0.5	<0.5	<0.5	<0.5	40	-	-	<50	-	-	-	-	
MW-4	02/06/2007	33.07	25.28	7.79	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MW-4	05/01/2007 ¹⁴	33.07	25.08	7.99	150	67	<0.5	<0.5	<0.5	<0.5	-	-	76	<50	10	<0.5	<0.5	6	
MW-4	07/31/2007	33.07	25.27	7.80	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MW-4	11/08/2007 ¹⁴	33.07	25.42	7.65	850	<50	<0.5	<0.5	<0.5	<0.5	-	-	44	<50	-	-	-	-	
MW-4	02/04/2008	33.07	25.23	7.84	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MW-4	05/01/2008 ¹⁴	33.07	25.21	7.86	110	<50	<0.5	<0.5	<0.5	<0.5	-	-	67	<50	12	<0.5	<0.5	4	
MW-4	08/01/2008	33.07	25.28	7.79	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MW-4	11/13/2008 ¹⁴	33.07	25.43	7.64	330	64	<0.5	<0.5	<0.5	1	-	-	220	<50	-	-	-	-	
MW-4	02/23/2009	33.07	25.06	8.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MW-4	05/20/2009	33.07	24.73	8.34	560	130	<0.5	<0.5	<0.5	<0.5	-	-	190	<50	58	<0.5	<0.5	6	

**GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 9-4800
1700 CASTRO STREET
OAKLAND, CALIFORNIA**

Location	Date	TOC	DTW	GWE	HYDROCARBONS		PRIMARY VOCs						ADDITIONAL VOCs						
					TPH-DRO	TPH-GRO	B	T	E	X	MTBE by VOC	MTBE by SW8240	MTBE by SW8260	ETHANOL	TBA	DIPE	ETBE	TIAME	
	Units	ft	ft	ft-amsl	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MW-4	08/25/2009	33.07	24.97	8.10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-4	11/18/2009	33.07	25.27	7.80	860	120	<0.5	<0.5	<0.5	<0.5	-	-	150	<50	-	-	-	-	-
MW-4	05/18/2010	33.07	24.73	8.34	340	56 J	<0.5	<0.5	<0.5	<0.5	-	-	70	<50	33	<0.5	<0.5	4	-
MW-4	12/01/2010	33.07	25.13	7.94	570	64 J	<0.5	<0.5	<0.5	<0.5	-	-	110	<50	-	-	-	-	-
MW-5	04/08/1999	30.93	-	-	<50	<50	<0.5	<0.5	<0.5	<0.5	<2.0 / <2.5	-	-	<500	<100	<2.0	<2.0	<2.0	
MW-5	06/17/1999	30.93	26.00	4.93	53.8 ¹	<50	<0.5	<0.5	<0.5	<0.5	<2.5	-	-	-	-	-	-	-	
MW-5	09/29/1999	30.93	26.20	4.73	<50	<50	<0.5	<0.5	<0.5	<0.5	<2.5	-	-	-	-	-	-	-	
MW-5	12/14/1999	30.93	26.32	4.61	<50 ²	<50	<0.5	<0.5	<0.5	<0.5	0.598	-	-	-	-	-	-	-	
MW-5	03/09/2000 ³	30.93	25.93	5.00	<50	<50	<0.5	<0.5	<0.5	<0.5	<2.5	-	-	-	-	-	-	-	
MW-5	06/10/2000	30.93	25.72	5.21	-	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	-	-	-	-	-	-	-	
MW-5	09/30/2000	30.93	26.14	4.79	130 ⁸	<50	<0.50	<0.50	<0.50	<0.50	<2.5	-	-	-	-	-	-	-	
MW-5	12/22/2000	30.93	26.33	4.60	250 ⁸	<50	<0.50	<0.50	<0.50	<0.50	9.1	-	-	-	-	-	-	-	
MW-5	03/01/2001	30.93	26.16	4.77	77.4 ⁷	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	-	-	-	-	-	-	-	
MW-5	05/04/2001	30.93	26.04	4.89	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MW-5	09/05/2001	30.93	26.21	4.72	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MW-5	12/21/2001	30.93	26.20	4.73	110	<50	<0.50	<0.50	<0.50	<1.5	<2.5	-	-	-	-	-	-	-	
MW-5	03/15/2002	30.93	25.87	5.06	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MW-5	06/15/2002	30.93	25.98	4.95	<50	<50	<0.50	<0.50	<0.50	<1.5	<2.5	-	-	-	-	-	-	-	
MW-5	09/06/2002	30.93	26.18	4.75	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MW-5	12/06/2002	30.93	26.32	4.61	<50	<50	<0.50	<0.50	<0.50	<1.5	<2.5	-	-	-	-	-	-	-	
MW-5	03/03/2003	30.93	25.99	4.94	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MW-5	06/17/2003 ¹⁴	30.93	25.87	5.06	<50	<50	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	-	-	-	-	-	
MW-5	09/16/2003	30.93	26.09	4.84	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MW-5	12/31/2003 ¹⁴	30.93	26.21	4.72	<50	<50	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<50	-	-	-	-	

**GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 9-4800
1700 CASTRO STREET
OAKLAND, CALIFORNIA**

Location	Date	TOC	DTW	GWE	HYDROCARBONS		PRIMARY VOCs						ADDITIONAL VOCs						
					TPH-DRO	TPH-GRO	B	T	E	X	MTBE by VOC	MTBE by SW8240	MTBE by SW8260	ETHANOL	TBA	DIPE	ETBE	ETAME	
	Units	ft	ft	ft-amsl	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MW-5	03/26/2004	30.93	25.74	5.19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-5	08/17/2004	30.93	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-6	04/08/1999	30.58	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	5.6 / 4.5	-	-	<500	<100	<2.0	<2.0	<2.0	
MW-6	06/17/1999	30.58	24.59	5.99	<50	<50	<0.5	<0.5	<0.5	<0.5	<2.5	-	-	-	-	-	-	-	
MW-6	09/29/1999	30.58	24.77	5.81	<50	<50	<0.5	<0.5	<0.5	<0.5	4.46	-	-	-	-	-	-	-	
MW-6	12/14/1999	30.58	24.84	5.74	<50 ²	<50	<0.5	<0.5	<0.5	<0.5	4.13	-	-	-	-	-	-	-	
MW-6	03/09/2000 ³	30.58	24.09	6.49	<50	<50	<0.5	<0.5	<0.5	<0.5	2.82	-	-	-	-	-	-	-	
MW-6	06/10/2000	30.58	24.00	6.58	-	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	-	-	-	-	-	-	-	
MW-6	09/30/2000	30.58	24.58	6.00	110 ⁸	<50	<0.50	<0.50	<0.50	<0.50	7.3	-	-	-	-	-	-	-	
MW-6	12/22/2000	30.58	24.83	5.75	100 ⁸	<50	<0.50	<0.50	<0.50	<0.50	4.5	-	-	-	-	-	-	-	
MW-6	03/01/2001	30.58	24.51	6.07	141 ⁷	<50.0	<0.500	<0.500	<0.500	<0.500	7.52	-	-	-	-	-	-	-	
MW-6	05/04/2001	30.58	24.32	6.26	<50	<50.0	<0.500	<5.00	<5.00	<5.00	2.74	-	-	-	-	-	-	-	
MW-6	09/05/2001	30.58	24.59	5.99	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MW-6	12/21/2001	30.58	24.65	5.93	200	<50	<0.50	<0.50	<0.50	<1.5	8.5	-	-	-	-	-	-	-	
MW-6	03/15/2002	30.58	24.14	6.44	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MW-6	06/15/2002	30.58	24.33	6.25	<50	<50	<0.50	<0.50	<0.50	<1.5	4.3	-	-	-	-	-	-	-	
MW-6	09/06/2002	30.58	24.60	5.98	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MW-6	12/06/2002	30.58	24.79	5.79	64	<50	<0.50	<0.50	<0.50	<1.5	5.0	-	-	-	-	-	-	-	
MW-6	03/03/2003	30.58	24.44	6.14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MW-6	06/17/2003 ¹⁴	30.58	24.11	6.47	<50	<50	<0.5	<0.5	<0.5	<0.5	-	-	13	-	-	-	-	-	
MW-6	09/16/2003	30.58	24.52	6.06	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MW-6	12/31/2003 ¹⁴	30.58	24.58	6.00	<50	<50	<0.5	<0.5	<0.5	0.5	-	-	14	<50	-	-	-	-	
MW-6	03/26/2004	30.58	23.89	6.69	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MW-6	08/17/2004	30.58	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

**GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 9-4800
1700 CASTRO STREET
OAKLAND, CALIFORNIA**

Location	Date	TOC	DTW	GWE	HYDROCARBONS		PRIMARY VOCs						ADDITIONAL VOCs						
					TPH-DRO	TPH-GRO	B	T	E	X	MTBE by VOC	MTBE by SW8240	MTBE by SW8260	ETHANOL	TBA	DIPE	ETBE	ETAME	
	Units	ft	ft	ft-amsl	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MW-7	05/04/2001 ¹¹	31.90	27.87	4.03	<50	<50.0	<0.500	<5.00	<5.00	<5.00	567	-	470 ¹²	<500	57	<2.0	<2.0	11	
MW-7	09/05/2001	31.90	28.04	3.86	<50	<50	<0.50	<0.50	<0.50	<1.5	1,400	-	1,300 ¹²	<500	<100	<2.0	<2.0	32	
MW-7	12/21/2001	31.90	28.86	3.04	210	<50	<0.50	<0.50	<0.50	<1.5	620	-	670 ¹²	<500	<100	<2.0	<2.0	15	
MW-7	03/15/2002	31.90	27.72	4.18	<50	<50	<0.50	<0.50	<0.50	<1.5	350 / 320	-	350 ¹²	<500	<100	<2.0	<2.0	8	
MW-7	06/15/2002	31.90	27.84	4.06	<50	<50	<0.50	<0.50	<0.50	<1.5	850	-	960 ¹²	-	<100	<2.0	<2.0	18	
MW-7	09/06/2002	31.90	27.97	3.93	<50	59	<0.50	<0.50	<0.50	<1.5	1,900	-	-	-	-	-	-	-	
MW-7	12/06/2002	31.90	28.03	3.87	<50	68	<0.50	<0.50	<0.50	<1.5	2,200	-	-	-	-	-	-	-	
MW-7	03/03/2003	31.90	27.69	4.21	<50	<50	<0.50	<0.50	<0.50	<1.5	1,300	-	-	-	-	-	-	-	
MW-7	06/17/2003 ¹⁴	31.90	27.76	4.14	<50	79	<0.5	<0.5	<0.5	<0.5	-	-	2,500	-	37	<0.5	<0.5	53	
MW-7	09/16/2003 ¹⁴	31.90	27.83	4.07	<50 ¹⁷	110	<5	<5	<5	<5	-	-	4,400	<500	-	-	-	-	
MW-7	12/31/2003 ¹⁴	31.90	27.86	4.04	<50	76	<2.0	<2.0	<2.0	<2.0	-	-	3,000	<200	-	-	-	-	
MW-7	03/26/2004 ¹⁴	31.90	27.65	4.25	<50	61	<1	<1	<1	<1	-	-	2,000	-	-	-	-	-	
MW-7	08/17/2004 ¹⁴	31.90	27.88	4.02	2,200	130	<5	<5	<5	<5	-	-	8,000	<500	<50	<5	<5	140	
MW-7	11/16/2004 ¹⁴	34.35	27.87	6.48	<50	200	<3	<3	<3	<3	-	-	7,300	<250	-	-	-	-	
MW-7	02/18/2005 ¹⁴	34.35	27.60	6.75	64	86	<10	<10	<10	<10	-	-	5,700	<1,000	-	-	-	-	
MW-7	05/06/2005 ¹⁴	34.35	27.43	6.92	60	160	<5	<5	<5	<5	-	-	8,400	<500	<50	<5	<5	140	
MW-7	08/05/2005 ¹⁴	34.35	27.65	6.70	81 ¹⁸	500	<5	<5	<5	<5	-	-	20,000 ¹⁹	<500	-	-	-	-	
MW-7	11/07/2005 ¹⁴	34.35	27.79	6.56	68	300	<10	<10	<10	<10	-	-	24,000	<1,000	-	-	-	-	
MW-7	02/06/2006 ¹⁴	34.35	27.54	6.81	72 ²¹	300	<0.5	<0.5	<0.5	<0.5	14,000	-	-	<50	-	-	-	-	
MW-7	05/08/2006 ¹⁴	34.35	27.15	7.20	94	80	<2.0	<2.0	3	7	6,500	-	-	<200	-	-	-	-	
MW-7	08/08/2006 ¹⁴	34.35	27.53	6.82	150	520	<10	<10	<10	<10	17,000	-	-	<1,000	-	-	-	-	
MW-7	11/08/2006 ¹⁴	34.35	27.75	6.60	440	900	<5	<5	<5	<5	41,000	-	-	<500	-	-	-	-	
MW-7	02/06/2007 ¹⁴	34.35	27.76	6.59	200	590	<5	<5	<5	<5	-	-	31,000	<500	-	-	-	-	
MW-7	05/01/2007 ¹⁴	34.35	27.65	6.70	190	380	<3	<3	<3	<3	-	-	14,000	<250	<10	<3	<3	260	

**GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 9-4800
1700 CASTRO STREET
OAKLAND, CALIFORNIA**

Location	Date	TOC	DTW	GWE	HYDROCARBONS		PRIMARY VOCs						ADDITIONAL VOCs						
					TPH-DRO	TPH-GRO	B	T	E	X	MTBE by VOC	MTBE by SW8240	MTBE by SW8260	ETHANOL	TBA	DIPE	ETBE	TIAME	
	Units	ft	ft	ft-amsl	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MW-7	07/31/2007 ¹⁴	34.35	27.75	6.60	270	570	<3	<3	<3	<3	-	-	15,000	<250	-	-	-	-	-
MW-7	11/08/2007 ¹⁴	34.35	27.83	6.52	150	520	<5	<5	<5	<5	-	-	25,000	<500	-	-	-	-	-
MW-7	02/04/2008 ¹⁴	34.35	27.69	6.66	87	540	<1	<1	<1	<1	-	-	17,000	<100	-	-	-	-	-
MW-7	05/01/2008 ¹⁴	34.35	27.72	6.63	<50	230	<5	<5	<5	<5	-	-	10,000	<500	<20	<5	<5	170	-
MW-7	08/01/2008 ¹⁴	34.35	27.84	6.51	<50	330	<3	<3	<3	<3	-	-	12,000	<250	-	-	-	-	-
MW-7	11/13/2008 ¹⁴	34.35	28.01	6.34	64	390	<10	<10	<10	<10	-	-	16,000	<1,000	-	-	-	-	-
MW-7	02/23/2009 ¹⁴	34.35	27.65	6.70	100	270	<3	<3	<3	<3	-	-	11,000	<250	-	-	-	-	-
MW-7	05/20/2009	34.35	27.55	6.80	48 J	210	<1	<1	<1	<1	-	-	6,300	<100	31	<1	<1	120	-
MW-7	08/25/2009	34.35	27.70	6.65	<100 U	160	<3	<3	<3	<3	-	-	5,700	<250	-	-	-	-	-
MW-7	11/18/2009	34.35	27.77	6.58	250	100	<1	<1	<1	<1	-	-	2,800	<130	-	-	-	-	-
MW-7	05/18/2010	34.35	27.51	6.84	160	76 J	<1	<1	<1	<1	-	-	2,400	<100	<4	<1	2	52	-
MW-7	12/01/2010	34.35	27.71	6.64	120	230	<0.5	<0.5	<0.5	<0.5	-	-	7,000	<50	-	-	-	-	-
QA	12/21/2001	-	-	-	-	<50	<0.50	<0.50	<0.50	<1.5	<2.5	-	-	-	-	-	-	-	-
QA	03/15/2002	-	-	-	-	<50	<0.50	<0.50	<0.50	<1.5	<2.5	-	-	-	-	-	-	-	-
QA	06/15/2002	-	-	-	-	<50	<0.50	<0.50	<0.50	<1.5	<2.5	-	-	-	-	-	-	-	-
QA	09/06/2002	-	-	-	-	<50	<0.50	<0.50	<0.50	<1.5	<2.5	-	-	-	-	-	-	-	-
QA	12/06/2002	-	-	-	-	<50	<0.50	<0.50	<0.50	<1.5	<2.5	-	-	-	-	-	-	-	-
QA	06/17/2003 ¹⁴	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	-	-	-	-	-	-
QA	09/16/2003 ¹⁴	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	-	-	-	-	-	-
QA	12/31/2003 ¹⁴	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	-	-	-	-	-	-
QA	03/26/2004 ¹⁴	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	-	-	-	-	-	-
QA	08/17/2004 ¹⁴	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	-	-	-	-	-	-
QA	11/16/2004 ¹⁴	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	-	-	-	-	-	-
QA	02/18/2005 ¹⁴	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	-	-	-	-	-	-

TABLE 1

**GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 9-4800
1700 CASTRO STREET
OAKLAND, CALIFORNIA**

Location	Date	TOC	DTW	GWE	HYDROCARBONS		PRIMARY VOCs						ADDITIONAL VOCs						
					TPH-DRO	TPH-GRO	B	T	E	X	MTBE by VOC	MTBE by SW8240	MTBE by SW8260	ETHANOL	TBA	DIPE	ETBE	ETAME	
	Units	ft	ft	ft-amsl	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
QA	05/06/2005 ¹⁴	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	-	-	-	-	-	-
QA	08/05/2005 ¹⁴	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	-	-	-	-	-	-
QA	11/07/2005 ¹⁴	-	-	-	-	<50	0.6	<0.5	<0.5	<0.5	-	-	<0.5	-	-	-	-	-	-
QA	02/06/2006 ¹⁴	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
QA	05/08/2006 ¹⁴	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
QA	08/08/2006 ¹⁴	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
QA	11/08/2006 ¹⁴	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
QA	02/06/2007 ¹⁴	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	-	-	-	-	-	-
QA	05/01/2007 ¹⁴	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	-	-	-	-	-	-
QA	07/31/2007 ¹⁴	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	-	-	-	-	-	-
QA	11/08/2007 ¹⁴	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	-	-	-	-	-	-
QA	02/04/2008 ¹⁴	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	-	-	-	-	-	-
QA	05/01/2008 ¹⁴	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	-	-	-	-	-	-
QA	08/01/2008 ¹⁴	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	-	-	-	-	-	-
QA	11/13/2008 ¹⁴	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	-	-	-	-	-	-
QA	02/23/2009 ¹⁴	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	-	-	-	-	-	-
QA	05/20/2009	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	-	-	-	-	-	-
QA	08/25/2009	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	-	-	-	-	-	-
QA	11/18/2009	-	-	-	-	<50	<0.5	0.5 J	<0.5	<0.5	-	-	<0.5	-	-	-	-	-	-
QA	05/18/2010	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	-	-	-	-	-	-
QA	12/01/2010	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	-	-	-	-	-	-
Trip Blank	06/04/1997	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5	-	-	-	-	-	-	-	-
Trip Blank	09/16/1997	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5	-	-	-	-	-	-	-	-
Trip Blank	12/17/1997	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5	-	-	-	-	-	-	-	-

**GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 9-4800
1700 CASTRO STREET
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Location	Date	TOC	DTW	GWE	HYDROCARBONS		PRIMARY VOCs						ADDITIONAL VOCs						
					TPH-DRO	TPH-GRO	B	T	E	X	MTBE by VOC	MTBE by SW8240	MTBE by SW8260	ETHANOL	TBA	DIPE	ETBE	TAME	
	Units	ft	ft	ft-amsl	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Trip Blank	03/18/1998	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5	-	-	-	-	-	-	-	-
Trip Blank	06/28/1998	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	<2.5	-	-	-	-	-	-	-
Trip Blank	09/07/1998	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5	-	-	-	-	-	-	-	-
Trip Blank	12/09/1998	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5	-	-	-	-	-	-	-	-
Trip Blank	03/11/1999	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<5.0	-	-	-	-	-	-	-	-
Trip Blank	06/17/1999	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5	-	-	-	-	-	-	-	-
Trip Blank	12/14/1999	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5	-	-	-	-	-	-	-	-
Trip Blank	03/09/2000 ³	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5	-	-	-	-	-	-	-	-
Trip Blank	06/10/2000	-	-	-	-	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	-	-	-	-	-	-	-	-
Trip Blank	09/30/2000	-	-	-	-	<50	<0.50	<0.50	<0.50	<0.50	<2.5	-	-	-	-	-	-	-	-
Trip Blank	12/22/2000 ¹⁰	-	-	-	-	<50	<0.50	<0.50	<0.50	<0.50	<2.5	-	-	-	-	-	-	-	-
Trip Blank	03/01/2001	-	-	-	-	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	-	-	-	-	-	-	-	-
Trip Blank	05/04/2001	-	-	-	-	<50.0	<0.500	<5.00	<5.00	<5.00	<0.500	-	-	-	-	-	-	-	-
Trip Blank	09/05/2001	-	-	-	-	<50	<0.50	<0.50	<0.50	<1.5	<2.5	-	-	-	-	-	-	-	-

Abbreviations and Notes:

TOC = Top of Casing

DTW = Depth to Water

GWE = Groundwater elevation

(ft-amsl) = Feet Above Mean sea level

ft = Feet

µg/L = Micrograms per Liter

TPH-DRO = Total Petroleum Hydrocarbons - Diesel Range Organics

TPH-GRO = Total Petroleum Hydrocarbons - Gasoline Range Organics

VOCS = Volatile Organic Compounds

**GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 9-4800
1700 CASTRO STREET
OAKLAND, CALIFORNIA**

Location	Date	TOC	DTW	GWE	HYDROCARBONS		PRIMARY VOCs						ADDITIONAL VOCs						
					TPH-DRO	TPH-GRO	B	T	E	X	MTBE by VOC	MTBE by SW8240	MTBE by SW8260	ETHANOL	TBA	DIPE	ETBE	TAME	
Units		ft	ft	ft-amsl	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L

B = Benzene

T = Toluene

E = Ethylbenzene

X = Xylene

MTBE = Methyl tert butyl ether

TBA = Tert-Butyl alcohol

DIPE = Diisopropyl ether

ETBE = Tert-Butyl ethyl ether

TAME = Tert-Amyl methyl ether

-- = Not available / not applicable

<x = Not detected above laboratory method detection limit

J = Estimated concentration

- 1 Chromatogram pattern indicates an unidentified hydrocarbon.
- 2 Sample was extracted outside EPA recommended holding time.
- 3 TPH-G, BTEX and MTBE was analyzed outside EPA recommended holding time.
- 4 EPA Method 8240.
- 5 Confirmation run.
- 6 Laboratory report indicates gasoline C6-C12.
- 7 Laboratory report indicates unidentified hydrocarbons C9-C24.
- 8 Laboratory report indicates unidentified hydrocarbons >C16.
- 9 Laboratory report indicates unidentified hydrocarbons C9-C40.
- 10 Laboratory report indicates this sample was analyzed outside of the EPA recommended holding time.
- 11 Well development performed.
- 12 MTBE by EPA Method 8260.
- 14 BTEX and MTBE by EPA Method 8260.

**GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 9-4800
1700 CASTRO STREET
OAKLAND, CALIFORNIA**

Location	Date	TOC	DTW	GWE	HYDROCARBONS		PRIMARY VOCs						ADDITIONAL VOCs						
					TPH-DRO	TPH-GRO	B	T	E	X	MTBE by VOC	MTBE by SW8240	MTBE by SW8260	ETHANOL	TBA	DIPE	ETBE	TAME	
Units		ft	ft	ft-amsl	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L

- 15 Laboratory report indicates the surrogate data for the method blank is outside QC limits. Results from the re-extraction are within the limits. The hold time had expired prior to re-extraction so all results are reported from the original extract. The TPH-D result from the re-extraction is 910 ppb.
- 16 Laboratory report indicates the surrogate data for the method blank is outside QC limits. Results from the re-extraction are within the limits. The hold time had expired prior to re-extraction so all results are reported from the original extract. The TPH-D result from the re-extraction is 1,700 ppb.
- 17 Laboratory report indicates the surrogate data for the method blank is outside QC limits. Results from the re-extraction are within the limits. The hold time had expired prior to re-extraction so all results are reported from the original extract. Similar results were obtained in both extracts.
- 18 Laboratory report indicates the observed sample pattern is not typical of #2 fuel/diesel. It elutes in the DRO range later than #2 fuel.
- 19 Analytical result confirmed.
- 20 Laboratory report indicates the observed sample pattern includes #2 fuel/diesel and an additional pattern which elutes later in the DRO range.
- 21 Laboratory report indicates the observed sample pattern is not typical of #2 fuel/diesel. The reported result is due to individual peak(s) eluting in the DRO range.

ATTACHMENT A

MONITORING DATA PACKAGE



December 2, 2010

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

Fourth Quarter 2010 Monitoring at
Chevron Service Station 94800
1700 Castro St.
Oakland, CA

Monitoring performed on December 1, 2010

Blaine Tech Services, Inc. Groundwater Monitoring Event 101201-FS1

This submission covers the routine monitoring of groundwater wells conducted on December 1, 2010 at this location. Five monitoring wells were measured for depth to groundwater (DTW). Five monitoring wells were sampled. All sampling activities were performed in accordance with local, state and federal guidelines.

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

Fourth Quarter Groundwater Monitoring at Chevron 94800, 1700 Castro St., Oakland, CA

SAN JOSE

SACRAMENTO

LOS ANGELES

SAN DIEGO

1680 ROGERS AVENUE

SAN JOSE, CA 95112-1105

(408) 573-0555

FAX (408) 573-7771

LIC: 746684

www.blainetech.com

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

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

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

Please call if you have any questions.

Sincerely,



Dustin Becker
Blaine Tech Services, Inc.
Senior Project Manager

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

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

Fourth Quarter Groundwater Monitoring at Chevron 94800, 1700 Castro St., Oakland, CA

SAN JOSE

SACRAMENTO

LOS ANGELES

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

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

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

SAMPLING PROCEDURES OVERVIEW

SAFETY

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

INSPECTION AND GAUGING

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

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

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

EVACUATION

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

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

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

PARAMETER STABILIZATION

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

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

DEWATERED WELLS

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

MEASURING RECHARGE

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

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

PURGEWATER CONTAINMENT

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

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

SAMPLE COLLECTION DEVICES

All samples are collected using disposable bailers.

SAMPLE CONTAINERS

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

TRIP BLANKS

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

DUPLICATES

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

SAMPLE STORAGE

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

DOCUMENTATION CONVENTIONS

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

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

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

DECONTAMINATION

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

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

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

DISSOLVED OXYGEN READINGS

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

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

OXYIDATON REDUCTION POTENTIAL READINGS

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

FERROUS IRON MEASUREMENTS

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

WELL GAUGING DATA

Project # 101201-F31 Date 12-01-10 Client CHEVRON

Site 1700 CASTRO ST. OAKLAND, CA

Well ID	Time	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC	Notes
MW-1	855	2					25.92	30.51	TOC	
MW-2	925	2					24.20	30.14	} ↓	
MW-3	902	2				25.69	30.08			
MW-4	920	2				25.13	28.80			
MW-7	915	2				27.71	29.95			

CHEVRON WELL MONITORING DATA SHEET

Project #: 1012 01 - FS1	Station #: 9-4800
Sampler: FS	Date: 12-01-10
Weather: SUNNY	Ambient Air Temperature: 60°F
Well I.D.: MW-1	Well Diameter: (2) 3 4 6 8 _____
Total Well Depth: 30.51	Depth to Water: 25.92
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 26.83	

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: _____

0.8	(Gals.) X	3	=	2.4	Gals.
1 Case Volume		Specified Volumes		Calculated Volume	

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

Time	Temp (°F)	pH	Cond. (mS or μ S)	Turbidity (NTUs)	Gals. Removed	Observations
1014	64.6	6.97	913	175	0.8	
1017	65.3	6.86	908	158	1.6	
1020	65.4	6.85	916	208	2.4	

Did well dewater? Yes No Gallons actually evacuated: 2.4

Sampling Date: 12-01-10 Sampling Time: 1030 Depth to Water: 26.01

Sample I.D.: MW-1 Laboratory: (Lancaster) Other _____

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

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

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

CHEVRON WELL MONITORING DATA SHEET

Project #: 101201-FS1	Station #: 9-4800
Sampler: FS	Date: 12-01-10
Weather: SUNNY	Ambient Air Temperature: 61°F
Well I.D.: MW-2	Well Diameter: (2) 3 4 6 8 _____
Total Well Depth: 30.14	Depth to Water: 24.20
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 25.38	

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: _____

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 ² * 0.163

Time	Temp (°F)	pH	Cond. (mS or μS)	Turbidity (NTUs)	Gals. Removed	Observations
1138	65.7	7.15	804	64	1.0	
1141	66.8	6.99	780	44	2.0	
1144	66.7	6.97	745	37	3.0	

Did well dewater? Yes No Gallons actually evacuated: 3.0

Sampling Date: 12-01-10 Sampling Time: 1150 Depth to Water: 24.33

Sample I.D.: MW-2 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:

CHEVRON WELL MONITORING DATA SHEET

Project #: 101201-FS1	Station #: 9-4800
Sampler: FS	Date: 12-01-10
Weather: SUNNY	Ambient Air Temperature: 60°F
Well I.D.: MW-3	Well Diameter: (2) 3 4 6 8
Total Well Depth: 30.08	Depth to Water: 25.69
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 26.56	

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: _____

0.8	(Gals.) X	3	=	2.4	Gals.
1 Case Volume		Specified Volumes		Calculated Volume	

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

Time	Temp (°F)	pH	Cond. (mS or μ S)	Turbidity (NTUs)	Gals. Removed	Observations
1045	65.2	7.15	961	90	0.8	
1048	65.5	6.89	900	248	1.6	
1051	65.7	6.73	881	128	2.4	

Did well dewater? Yes No Gallons actually evacuated: 2.4

Sampling Date: 12-01-10 Sampling Time: 1100 Depth to Water: 26.01

Sample I.D.: MW-3 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 #: 101201 - FS1	Station #: 9-4800
Sampler: FS	Date: 12-01-10
Weather: SUNNY	Ambient Air Temperature: 60°
Well I.D.: MW-4	Well Diameter: (2) 3 4 6 8 _____
Total Well Depth: 28.90	Depth to Water: 25.13
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 25.86	

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: _____

0.6	(Gals.) X	3	=	1.8	Gals.
1 Case Volume		Specified Volumes		Calculated Volume	

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

Time	Temp (°F)	pH	Cond. (mS or μS)	Turbidity (NTUs)	Gals. Removed	Observations
1113	61.6	7.17	691	213	0.6	
1115	66.1	6.92	734	149	1.2	
1118	66.6	6.90	738	133	1.8	

Did well dewater? Yes No Gallons actually evacuated: 1.8

Sampling Date: 12-01-10 Sampling Time: 1125 Depth to Water: 25.26

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 #: 101201-FS1	Station #: 9-4800
Sampler: FS	Date: 12-01-10
Weather: SUNNY	Ambient Air Temperature: 60°
Well I.D.: MW-7	Well Diameter: 2 3 4 6 8 _____
Total Well Depth: 29.95	Depth to Water: 27.71
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 28.15	

Purge Method: Bailer Disposable Bailer Waterra Peristaltic Extraction Pump Electric Submersible Other _____

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

0.4 (Gals.) X 3 = 1.2 Gals.
 1 Case Volume Specified Volumes Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or μ S)	Turbidity (NTUs)	Gals. Removed	Observations
947	64.4	7.22	987	39	0.4	
950	65.9	6.92	944	44	0.8	
953	66.1	6.88	961	58	1.2	

Did well dewater? Yes No Gallons actually evacuated: 1.2

Sampling Date: 12-01-10 Sampling Time: 1000 Depth to Water: 28.05

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

120110-06

CHAIN OF CUSTODY FORM

400 3 7771

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

COC 1 of 1

Chevron Site Number: 94800
 Chevron Site Global ID: T0600102076
 Chevron Site Address: 1700 Casrto St., Oakland, CA
 Chevron PM: DAVE PATTEN
 Chevron PM Phone No.: (925)543-1740
 Retail and Terminal Business Unit (RTBU) Job
 Construction/Retail Job

Chevron Consultant: CRA
 Address: 5900 Hollis St. Suite A Emeryville.
 CA Consultant Contact: Nathan Lee
 Consultant Phone No. 510-420-3333
 Consultant Project No. 101201-F31
 Sampling Company: Blaine Tech Services
 Sampled By (Print): F. SPINELLI
 Sampler Signature: [Signature]

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

Charge Code: NWRTB-0094800-0-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

Temp. Blank	Check Time	Temp.
<u>900</u>	<u>0.1</u>	
<u>1100</u>	<u>0.2</u>	
<u>1200</u>	<u>0.2</u>	

SAMPLE ID				Sample Time	# of Containers	Container Type	EPA 8260B/GC/MS TPH-G <input type="checkbox"/>	EPA 8015B <input type="checkbox"/>	EPA 8021B <input type="checkbox"/>	EPA 6010 Ca, F, K, Mg, Mn, Na <input type="checkbox"/>	EPA 6010/7000 TITLE 22 METALS <input type="checkbox"/>	TTLC <input type="checkbox"/>	STLC <input type="checkbox"/>	EPA 310.1 ALKALINITY <input type="checkbox"/>	SM2510B SPECIFIC CONDUCTIVITY	EPA 418.1 TRIPH <input type="checkbox"/>	EPA 8260 ETHANOL <input type="checkbox"/>	EPA 8015 <input type="checkbox"/>	TPH-6 <input type="checkbox"/>	8015B <input type="checkbox"/>	Notes/Comments	
Field Point Name	Matrix	Top Depth	Date (yyymmdd)																			
MW-1	W		101201	1030	8	VOAS AMBERS	X	X														
MW-2				1150			X	X														
MW-3				1100			X	X														
MW-4				1125			X	X														
MW-7	↓			1000	↓		X	X														
QA	T			0900	2	VOAS	X															NO ETHANOL

Relinquished By: <u>[Signature]</u>	Company: <u>BT</u>	Date/Time: <u>12-1-10/1200</u>	Relinquished To: <u>[Signature]</u>	Company: <u>LLT</u>	Date/Time: <u>12/1/10 1200</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>BT</u>	Date/Time: <u>12-1-10/1200</u>	Relinquished To: <u>[Signature]</u>	Company: <u>LLT</u>	Date/Time: <u>12/1/10 1200</u>	Sample Integrity: (Check by lab on arrival)
Relinquished By: <u>[Signature]</u>	Company: <u>BT</u>	Date/Time: <u>12-1-10/1200</u>	Relinquished To: <u>[Signature]</u>	Company: <u>LLT</u>	Date/Time: <u>12/1/10 1200</u>	Intact: <input type="checkbox"/> On Ice: <input type="checkbox"/> Temp: <input type="checkbox"/> COC # <u> </u>

12/02/2010 10:15 5102324913 LANCASTER LABS CA PAGE 01/01

WELLHEAD INSPECTION CHECKLIST

Client CHEVRON Date 12-01-10

Site Address 1700 CASTRO ST. OAKLAND, CA

Job Number 101201 - FSI Technician FS

Well ID	Well Inspected - No Corrective Action Required	WELL IS SECURABLE BY DESIGN (12" or less)	WELL IS CLEARLY MARKED WITH THE WORDS "MONITORING WELL" (12" or less)	Water Bailed From Wellbox	Wellbox Components Cleaned	Cap Replaced	Lock Replaced	Other Action Taken (explain below)	Well Not Inspected (explain below)	Repair Order Submitted
MW-1	✓	✓	✓							
MW-2		✓	✓					✓		
MW-3	✓	✓	✓	✓						
MW-4	✓	✓	✓	✓						
MW-7	✓	✓	✓	✓						

NOTES: MW-2 (NO BOLTS 3/4, 1 TAB BROKEN)

CHEVRON-NORTHERN CALIFORNIA TYPE **A** BILL OF LADING

SOURCE RECORD **BILL OF LADING**

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

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

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

9-4800 CHEVRON # DAVE PATTEN Chevron Engineer
 1700 CASTRO ST. OAKLAND CA
 street number street name city state

WELL I.D.	GALS.	WELL I.D.	GALS.
MW-1	/ 2.4		/
MW-2	/ 2.6		/
MW-3	/ 2.4		/
MW-4	/ 1.8		/
MW-7	/ 1.2		/
	/		/
	/		/
	/		/

added equip. /
 rinse water / 7.
 any other adjustments /

TOTAL GALS. RECOVERED 17.8 loaded onto BTS vehicle # 87

BTS event # 101201-FS1 time 1250 date 12/01/10
 signature [Signature]

REC'D AT BTS time 1600 date 12/1/10

unloaded by signature [Signature]

ATTACHMENT B

LABORATORY ANALYTICAL REPORT

ANALYTICAL RESULTS

Prepared by:

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

Prepared for:

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

December 15, 2010

Project: 94800

Submittal Date: 12/02/2010
Group Number: 1223534
PO Number: 0015061031
Release Number: COSTA
State of Sample Origin: CA

<u>Client Sample Description</u>	<u>Lancaster Labs (LLI) #</u>
MW-1-W-101201 NA Water	6154003
MW-2-W-101201 NA Water	6154004
MW-3-W-101201 NA Water	6154005
MW-4-W-101201 NA Water	6154006
MW-7-W-101201 NA Water	6154007
QA-T-101201 NA Water	6154008

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

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

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

Respectfully Submitted,



Robin C. Runkle
Senior Specialist



Analysis Report

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

Sample Description: MW-1-W-101201 NA Water
Facility# 94800 BTST
1700 Castro St-Oakland T0600102076 MW-1

LLI Sample # WW 6154003
LLI Group # 1223534
Account # 10991

Project Name: 94800

Collected: 12/01/2010 10:30 by FS

Chevron

6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

Submitted: 12/02/2010 09:15

Reported: 12/15/2010 16:53

CS001

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles SW-846 8260B						
10943	Benzene	71-43-2	N.D.	0.5	1	1
10943	Ethanol	64-17-5	N.D.	50	250	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1	1
10943	Methyl Tertiary Butyl Ether	1634-04-4	230	0.5	1	1
10943	Toluene	108-88-3	N.D.	0.5	1	1
10943	Xylene (Total)	1330-20-7	N.D.	0.5	1	1
GC Volatiles SW-846 8015B						
01728	TPH-GRO N. CA water C6-C12	n.a.	N.D.	50	100	1
GC Extractable TPH SW-846 8015B						
06609	TPH-DRO CA C10-C28	n.a.	52 J	33	100	1
DRO was detected in the method blank at a concentration of 95 ug/l. The sample was reextracted. DRO was detected in the reextracted method blank at 50 ug/l. The hold time had expired prior to the reextraction so all results are reported from the original extract. The DRO result for the reextract is 80 ug/l.						

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	UST VOCs by 8260B - Water	SW-846 8260B	1	D103422AA	12/08/2010 20:04	Daniel H Heller	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	D103422AA	12/08/2010 20:04	Daniel H Heller	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	10340C07A	12/07/2010 22:48	Tyler O Griffin	1
01146	GC VOA Water Prep	SW-846 5030B	1	10340C07A	12/07/2010 22:48	Tyler O Griffin	1
06609	TPH-DRO CA C10-C28	SW-846 8015B	1	103370004A	12/08/2010 22:10	Melissa McDermott	1
02376	Extraction - Fuel/TPH (Waters)	SW-846 3510C	1	103370004A	12/03/2010 09:45	Kathryn I DeHaven	1

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

Sample Description: MW-2-W-101201 NA Water
Facility# 94800 BTST
1700 Castro St-Oakland T0600102076 MW-2

LLI Sample # WW 6154004
LLI Group # 1223534
Account # 10991

Project Name: 94800

Collected: 12/01/2010 11:50 by FS

Chevron

6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

Submitted: 12/02/2010 09:15

Reported: 12/15/2010 16:53

CSO02

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles SW-846 8260B						
10943	Benzene	71-43-2	N.D.	0.5	1	1
10943	Ethanol	64-17-5	N.D.	50	250	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1	1
10943	Methyl Tertiary Butyl Ether	1634-04-4	20	0.5	1	1
10943	Toluene	108-88-3	N.D.	0.5	1	1
10943	Xylene (Total)	1330-20-7	N.D.	0.5	1	1
GC Volatiles SW-846 8015B						
01728	TPH-GRO N. CA water C6-C12	n.a.	230	50	100	1
GC Extractable TPH SW-846 8015B						
06609	TPH-DRO CA C10-C28	n.a.	930	33	100	1
DRO was detected in the method blank at a concentration of 95 ug/l. The sample was reextracted. DRO was detected in the reextracted method blank at 50 ug/l. The hold time had expired prior to the reextraction so all results are reported from the original extract. Similar results were obtained in both extracts.						

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	UST VOCs by 8260B - Water	SW-846 8260B	1	D103422AA	12/08/2010 20:27	Daniel H Heller	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	D103422AA	12/08/2010 20:27	Daniel H Heller	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	10340C07A	12/07/2010 18:35	Tyler O Griffin	1
01146	GC VOA Water Prep	SW-846 5030B	1	10340C07A	12/07/2010 18:35	Tyler O Griffin	1
06609	TPH-DRO CA C10-C28	SW-846 8015B	1	103370004A	12/08/2010 22:32	Melissa McDermott	1
02376	Extraction - Fuel/TPH (Waters)	SW-846 3510C	1	103370004A	12/03/2010 09:45	Kathryn I DeHaven	1



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-3-W-101201 NA Water
Facility# 94800 BTST
1700 Castro St-Oakland T0600102076 MW-3

LLI Sample # WW 6154005
LLI Group # 1223534
Account # 10991

Project Name: 94800

Collected: 12/01/2010 11:00 by FS

Chevron

6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

Submitted: 12/02/2010 09:15

Reported: 12/15/2010 16:53

CS003

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles SW-846 8260B						
10943	Benzene	71-43-2	6	ug/l 0.5	ug/l 1	1
10943	Ethanol	64-17-5	N.D.	50	250	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1	1
10943	Methyl Tertiary Butyl Ether	1634-04-4	19	0.5	1	1
10943	Toluene	108-88-3	N.D.	0.5	1	1
10943	Xylene (Total)	1330-20-7	3	0.5	1	1
GC Volatiles SW-846 8015B						
01728	TPH-GRO N. CA water C6-C12	n.a.	78 J	ug/l 50	ug/l 100	1
GC Extractable TPH SW-846 8015B						
06609	TPH-DRO CA C10-C28	n.a.	110	ug/l 33	ug/l 100	1
DRO was detected in the method blank at a concentration of 95 ug/l. The sample was reextracted. DRO was detected in the reextracted method blank at 50 ug/l. The hold time had expired prior to the reextraction so all results are reported from the original extract. Similar results were obtained in both extracts.						

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	UST VOCs by 8260B - Water	SW-846 8260B	1	D103422AA	12/08/2010 20:50	Daniel H Heller	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	D103422AA	12/08/2010 20:50	Daniel H Heller	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	10340C07A	12/07/2010 23:13	Tyler O Griffin	1
01146	GC VOA Water Prep	SW-846 5030B	1	10340C07A	12/07/2010 23:13	Tyler O Griffin	1
06609	TPH-DRO CA C10-C28	SW-846 8015B	1	103370004A	12/08/2010 23:37	Melissa McDermott	1
02376	Extraction - Fuel/TPH (Waters)	SW-846 3510C	1	103370004A	12/03/2010 09:45	Kathryn I DeHaven	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-101201 NA Water
Facility# 94800 BTST
1700 Castro St-Oakland T0600102076 MW-4

LLI Sample # WW 6154006
LLI Group # 1223534
Account # 10991

Project Name: 94800

Collected: 12/01/2010 11:25 by FS

Chevron

6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

Submitted: 12/02/2010 09:15

Reported: 12/15/2010 16:53

CS004

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles SW-846 8260B						
10943	Benzene	71-43-2	N.D.	0.5	1	1
10943	Ethanol	64-17-5	N.D.	50	250	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1	1
10943	Methyl Tertiary Butyl Ether	1634-04-4	110	0.5	1	1
10943	Toluene	108-88-3	N.D.	0.5	1	1
10943	Xylene (Total)	1330-20-7	N.D.	0.5	1	1
GC Volatiles SW-846 8015B						
01728	TPH-GRO N. CA water C6-C12	n.a.	64 J	50	100	1
GC Extractable TPH SW-846 8015B						
06609	TPH-DRO CA C10-C28	n.a.	570	33	100	1
DRO was detected in the method blank at a concentration of 95 ug/l. The sample was reextracted. DRO was detected in the reextracted method blank at 50 ug/l. The hold time had expired prior to the reextraction so all results are reported from the original extract. The DRO result for the reextract is 690 ug/l.						

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	UST VOCs by 8260B - Water	SW-846 8260B	1	D103422AA	12/08/2010 21:12	Daniel H Heller	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	D103422AA	12/08/2010 21:12	Daniel H Heller	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	10340C07A	12/07/2010 23:38	Tyler O Griffin	1
01146	GC VOA Water Prep	SW-846 5030B	1	10340C07A	12/07/2010 23:38	Tyler O Griffin	1
06609	TPH-DRO CA C10-C28	SW-846 8015B	1	103370004A	12/09/2010 00:00	Melissa McDermott	1
02376	Extraction - Fuel/TPH (Waters)	SW-846 3510C	1	103370004A	12/03/2010 09:45	Kathryn I DeHaven	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-101201 NA Water
Facility# 94800 BTST
1700 Castro St-Oakland T0600102076 MW-7

LLI Sample # WW 6154007
LLI Group # 1223534
Account # 10991

Project Name: 94800

Collected: 12/01/2010 10:00 by FS

Chevron

6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

Submitted: 12/02/2010 09:15

Reported: 12/15/2010 16:53

CSO07

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles SW-846 8260B						
10943	Benzene	71-43-2	N.D.	0.5	1	1
10943	Ethanol	64-17-5	N.D.	50	250	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1	1
10943	Methyl Tertiary Butyl Ether	1634-04-4	7,000	25	50	50
10943	Toluene	108-88-3	N.D.	0.5	1	1
10943	Xylene (Total)	1330-20-7	N.D.	0.5	1	1
GC Volatiles SW-846 8015B						
01728	TPH-GRO N. CA water C6-C12	n.a.	230	50	100	1
GC Extractable TPH SW-846 8015B						
06609	TPH-DRO CA C10-C28	n.a.	120	33	100	1
DRO was detected in the method blank at a concentration of 95 ug/l. The sample was reextracted. DRO was detected in the reextracted method blank at 50 ug/l. The hold time had expired prior to the reextraction so all results are reported from the original extract. The DRO result for the reextract is 290 ug/l.						

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	UST VOCs by 8260B - Water	SW-846 8260B	1	D103422AA	12/08/2010 21:35	Daniel H Heller	1
10943	UST VOCs by 8260B - Water	SW-846 8260B	1	D103441AA	12/10/2010 13:26	Daniel H Heller	50
01163	GC/MS VOA Water Prep	SW-846 5030B	1	D103422AA	12/08/2010 21:35	Daniel H Heller	1
01163	GC/MS VOA Water Prep	SW-846 5030B	2	D103441AA	12/10/2010 13:26	Daniel H Heller	50
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	10340C07A	12/08/2010 09:48	Tyler O Griffin	1
01146	GC VOA Water Prep	SW-846 5030B	1	10340C07A	12/08/2010 09:48	Tyler O Griffin	1
06609	TPH-DRO CA C10-C28	SW-846 8015B	1	103370004A	12/09/2010 00:21	Melissa McDermott	1
02376	Extraction - Fuel/TPH (Waters)	SW-846 3510C	1	103370004A	12/03/2010 09:45	Kathryn I DeHaven	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-101201 NA Water
Facility# 94800 BTST
1700 Castro St-Oakland T0600102076 QA

LLI Sample # WW 6154008
LLI Group # 1223534
Account # 10991

Project Name: 94800

Collected: 12/01/2010 09:00

Chevron

Submitted: 12/02/2010 09:15

6001 Bollinger Canyon Rd L4310

Reported: 12/15/2010 16:53

San Ramon CA 94583

CSOQA

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles SW-846 8260B						
10943	Benzene	71-43-2	N.D.	0.5	1	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1	1
10943	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	1	1
10943	Toluene	108-88-3	N.D.	0.5	1	1
10943	Xylene (Total)	1330-20-7	N.D.	0.5	1	1
GC Volatiles SW-846 8015B						
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	D103422AA	12/08/2010 14:25	Daniel H Heller	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	D103422AA	12/08/2010 14:25	Daniel H Heller	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	10340C07A	12/07/2010 17:44	Tyler O Griffin	1
01146	GC VOA Water Prep	SW-846 5030B	1	10340C07A	12/07/2010 17:44	Tyler O Griffin	1

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

Quality Control Summary

 Client Name: Chevron
 Reported: 12/15/10 at 04:53 PM

Group Number: 1223534

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: D103422AA	Sample number(s): 6154003-6154008								
Benzene	N.D.	0.5	1	ug/l	104		79-120		
Ethanol	N.D.	50.	250	ug/l	99		54-149		
Ethylbenzene	N.D.	0.5	1	ug/l	100		79-120		
Methyl Tertiary Butyl Ether	N.D.	0.5	1	ug/l	96		76-120		
Toluene	N.D.	0.5	1	ug/l	102		79-120		
Xylene (Total)	N.D.	0.5	1	ug/l	102		80-120		
Batch number: D103441AA	Sample number(s): 6154007								
Methyl Tertiary Butyl Ether	N.D.	0.5	1	ug/l	91		76-120		
Batch number: 10340C07A	Sample number(s): 6154003-6154008								
TPH-GRO N. CA water C6-C12	N.D.	50.	100	ug/l	118	118	75-135	0	30
Batch number: 103370004A	Sample number(s): 6154003-6154007								
TPH-DRO CA C10-C28	95	J 32.	100	ug/l	83	89	56-122	7	20

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: D103422AA	Sample number(s): 6154003-6154008 UNSPK: P153863								
Benzene	117	115	80-126	2	30				
Ethanol	86	90	37-164	5	30				
Ethylbenzene	111	112	71-134	1	30				
Methyl Tertiary Butyl Ether	103	105	72-126	2	30				
Toluene	112	115	80-125	2	30				
Xylene (Total)	111	112	79-125	1	30				
Batch number: D103441AA	Sample number(s): 6154007 UNSPK: P153826								
Methyl Tertiary Butyl Ether	95	99	72-126	4	30				
Batch number: 10340C07A	Sample number(s): 6154003-6154008 UNSPK: P153816								
TPH-GRO N. CA water C6-C12	100		63-154						

Surrogate Quality Control

*- 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: 12/15/10 at 04:53 PM

Group Number: 1223534

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: D103422AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
6154003	91	98	99	91
6154004	91	97	99	94
6154005	91	97	100	92
6154006	92	101	100	91
6154007	86	90	100	91
6154008	92	96	99	91
Blank	94	97	100	92
LCS	92	101	99	100
MS	92	100	97	98
MSD	92	99	99	98
<hr/>				
Limits:	80-116	77-113	80-113	78-113

Analysis Name: UST VOCs by 8260B - Water
Batch number: D103441AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
Blank	94	96	99	90
LCS	92	100	99	99
MS	93	101	99	99
MSD	92	101	97	99
<hr/>				
Limits:	80-116	77-113	80-113	78-113

Analysis Name: TPH-GRO N. CA water C6-C12
Batch number: 10340C07A
Trifluorotoluene-F

6154003	100
6154004	95
6154005	94
6154006	96
6154007	130
6154008	97
Blank	95
LCS	108
LCSD	108
MS	101
<hr/>	
Limits:	63-135

Analysis Name: TPH-DRO CA C10-C28
Batch number: 103370004A
Orthoterphenyl

6154003	85
6154004	84
6154005	81
6154006	82
6154007	69

*- 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: 12/15/10 at 04:53 PM

Group Number: 1223534

Surrogate Quality Control

Blank	88
LCS	105
LCSD	111

Limits: 59-131

*- 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.

120110-06

CHAIN OF CUSTODY FORM

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

COC 1 of 1

Chevron Site Number: 94800
 Chevron Site Global ID: T0600102076
 Chevron Site Address: 1700 Casrto St.
Oakland, CA
 Chevron PM: DAVE PATTEN
 Chevron PM Phone No.: (925)543-1740
 Retail and Terminal Business Unit (RTBU) Job
 Construction/Retail Job

Chevron Consultant: CRA
 Address: 5900 Hollis St. Suite A Emeryville,
 CA Consultant Contact: Nathan Lee
 Consultant Phone No. 510-420-3333
 Consultant Project No. 101201-F31
 Sampling Company: Blaine Tech Services
 Sampled By (Print): F. SKINWALTING
 Sampler Signature: 

Charge Code: NWRTB-0094800-0-OML
NWRTB 00SITE NUMBER-0- WBS
(WBS ELEMENTS:
 SITE ASSESSMENT: A1L REMEDIATION IMPLEMENTATION: R5L
 SITE MONITORING: OML OPERATION MAINTENANCE & MONITORING: M1L
THIS IS A LEGAL DOCUMENT. ALL FIELDS MUST BE FILLED OUT CORRECTLY AND COMPLETELY.



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

Other Lab	Temp.	Blank	Check
		Time	Temp.
		<u>900</u>	<u>0.1</u>
		<u>1100</u>	<u>0.2</u>
		<u>1200</u>	<u>0.2</u>

ANALYSES REQUIRED												Preservation Codes	
H	#												
		<input type="checkbox"/> HVOC	<input type="checkbox"/> OXYGENATES	<input type="checkbox"/> MTBE	<input checked="" type="checkbox"/> GRO	<input checked="" type="checkbox"/> DRO	<input type="checkbox"/> ORO	<input type="checkbox"/> HC SCREEN	<input type="checkbox"/> TLCL	<input type="checkbox"/> STLC	<input type="checkbox"/> EPA 310.1 ALKALINITY	<input type="checkbox"/> EPA 413.1 OIL & GREASE	
		<input type="checkbox"/> EPA 8260B/GC/MS	<input type="checkbox"/> EPA 8015B	<input type="checkbox"/> EPA 8021B BTEX	<input type="checkbox"/> EPA 6010 Ca, Fe, K, Mg, Mn, Na	<input type="checkbox"/> EPA 6010/7000 TITLE 22 METALS	<input type="checkbox"/> EPA 150.1 PH	SM2510B SPECIFIC CONDUCTIVITY		<input type="checkbox"/> EPA 418.1 TRPH	<input type="checkbox"/> EPA 8260 ETHANOL	<input type="checkbox"/> EPA 8015 TPH-D	
		<input type="checkbox"/> TPH-G	<input type="checkbox"/> BTEX	<input checked="" type="checkbox"/> GRO	<input checked="" type="checkbox"/> DRO	<input type="checkbox"/> ORO	<input type="checkbox"/> HC SCREEN	<input type="checkbox"/> TLCL	<input type="checkbox"/> STLC	<input type="checkbox"/> EPA 310.1 ALKALINITY	<input type="checkbox"/> EPA 413.1 OIL & GREASE		

Handwritten notes:
 H = HCL T= Thiosulfate
 N = HNO₃ B = NaOH
 S = H₂SO₄ O = Other
 Order # 10991
 Co # 1223534
 Sample # 6154003-08
 Special Instructions: Must meet lowest detection limits possible for 8260 Compounds
 TPA-6 8015B

SAMPLE ID				Sample Time	# of Containers	Container Type
Field Point Name	Matrix	Top Depth	Date (yyymmdd)			
MW-1	W		101201	1030	8	VOAS AMBERS
MW-2				1150		
MW-3				1100		
MW-4				1125		
MW-7	↓			1000	↓	↓
QA	T			0900	2	VOAS

Relinquished By 	Company <u>BT</u>	Date/Time <u>12-1-10/1200</u>	Relinquished To 	Company <u>LCI</u>	Date/Time <u>12/1/10 1200</u>
Relinquished By <u>A. Lopez</u>	Company <u>LCI</u>	Date/Time <u>12/1/10 1200</u>	Relinquished To <u>FEO EX</u>	Company <u>LCI</u>	Date/Time <u>12/1/10 0915</u>

Turnaround Time:
 Standard 24 Hours 48 hours 72
 Hours Other
 Sample Integrity: (Check by lab on arrival)
 Intact: On Ice: Temp: 14-20
 COC #

Explanation of Symbols and Abbreviations

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

RL	Reporting Limit	BMQL	Below Minimum Quantitation Level
N.D.	none detected	MPN	Most Probable Number
TNTC	Too Numerous To Count	CP Units	cobalt-chloroplatinate units
IU	International Units	NTU	nephelometric turbidity units
umhos/cm	micromhos/cm	ng	nanogram(s)
C	degrees Celsius	F	degrees Fahrenheit
meq	milliequivalents	lb.	pound(s)
g	gram(s)	kg	kilogram(s)
ug	microgram(s)	mg	milligram(s)
ml	milliliter(s)	l	liter(s)
m3	cubic meter(s)	ul	microliter(s)
<	less than - The number following the sign is the <u>limit of quantitation</u> , the smallest amount of analyte which can be reliably determined using this specific test.		
>	greater than		
J	estimated value – The result is \geq the Method Detection Limit (MDL) and $<$ the Limit of Quantitation (LOQ).		
ppm	parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.		
ppb	parts per billion		
Dry weight basis	Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.		

U.S. EPA CLP Data Qualifiers:

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

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

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

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

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