Chevron

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11:06 am, May 31, 2011

Alameda County
Environmental Health

Dave Patten
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. 9-1851
451 Hegenberger Drive
Oakland, CA

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

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

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

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

Sincerely,

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

May 23, 2011 Reference No. 311976

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

Re: First Quarter 2011
Groundwater Monitoring and Sampling Report
Former Chevron Service Station 9-1851
451 Hegenberger Road
Oakland, California
Fuel Leak Case No. RO0000464

Dear Mr. Mark Detterman:

Conestoga-Rovers & Associates (CRA) is submitting this *First Quarter 2011 Groundwater Monitoring and Sampling Report* for the site referenced above (Figure 1) on behalf of Chevron Environmental Management Company. Groundwater monitoring and sampling was performed by Blaine Tech Services (Blaine Tech) of San Jose, California. Blaine Tech's March 24, 2011 *First Quarter Monitoring* report is included as Attachment A. Current groundwater monitoring and sampling data are presented in Table 1. Lancaster Laboratories' April 4, 2011 *Analytical Results* are included as Attachment B.

CONESTOGA-ROVERS
& ASSOCIATES

May 23, 2011 Reference No. 311976

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

Sincerely,

CONESTOGA-ROVERS & ASSOCIATES

Nathan Lee, PG 8486

NL/aa/10
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. David Patten, Chevron
SimGas, LLC, Property Owner

FIGURES

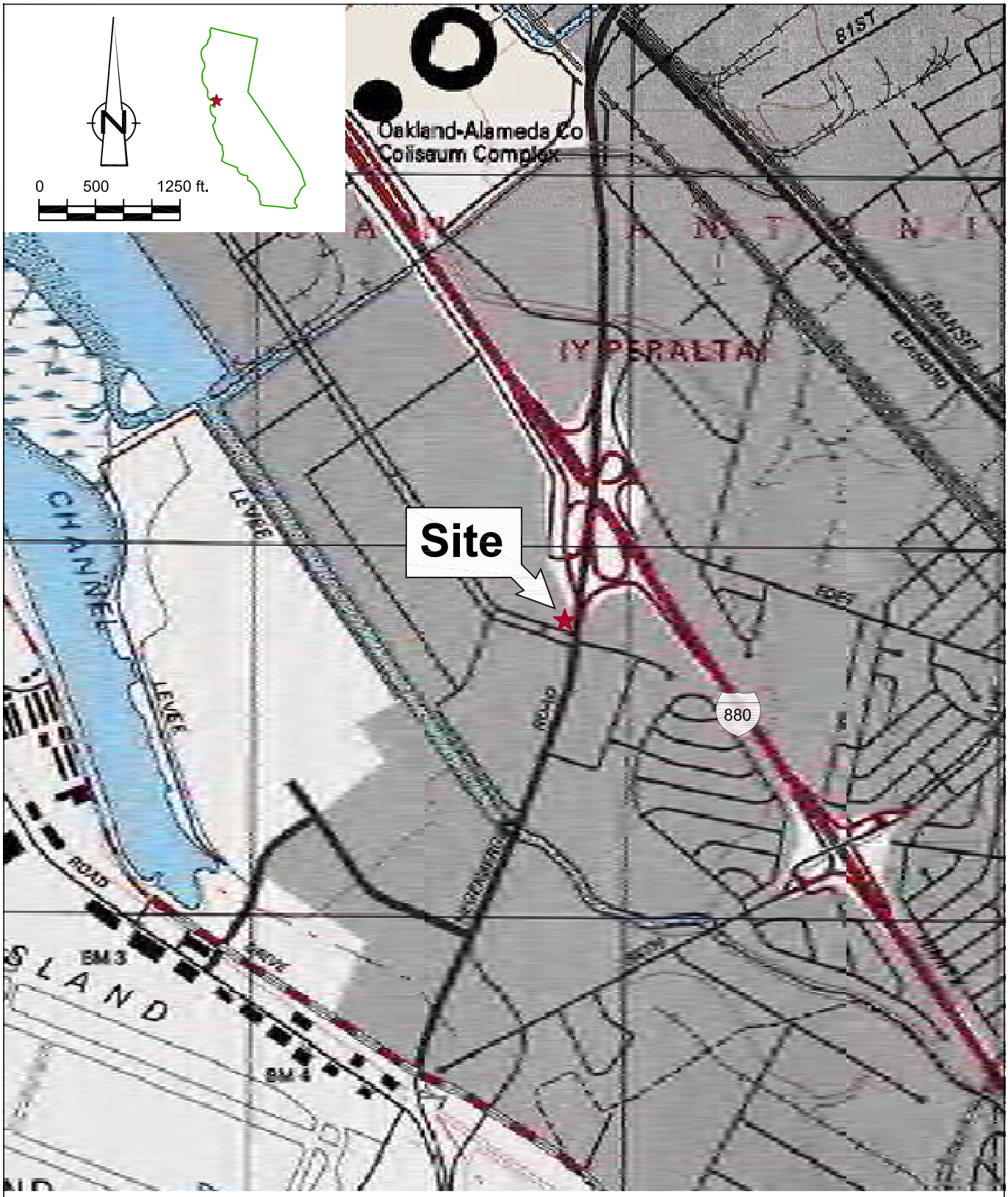

Figure 1

VICINITY MAP
FORMER CHEVRON SERVICE STATION 9-1851
451 HEGENBERGER ROAD
Oakland, California

311976-2011(010)GN-EM001 MAY 10/2011

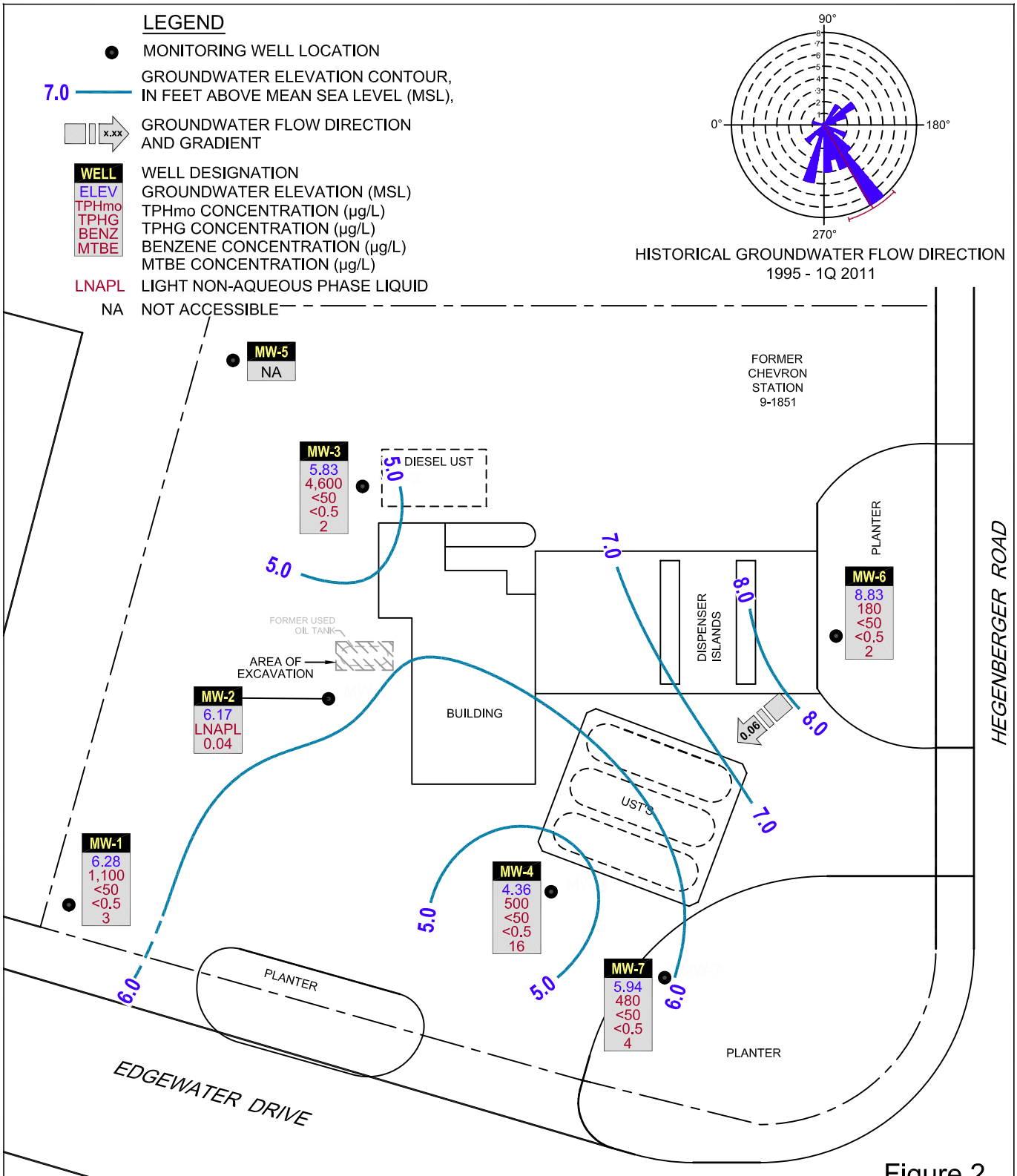

Figure 2

GROUNDWATER ELEVATION CONTOUR AND HYDROCARBON CONCENTRATION MAP
FORMER CHEVRON SERVICE STATION 9-1851
451 HEGENBERGER ROAD
Oakland, California
March 22, 2011

311976-2011(010)GN-EM002 MAY 20/2011

TABLE

TABLE 1

GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 9-1851
451 HEGENBERGER ROAD
OAKLAND, CALIFORNIA

							HYDROCARBONS			PRIMARY VOCS						ADDITIONAL VOCS				
Location	Date	TOC	DTW	GWE	LNAPLT	LNAPL REMOVED	Motor Oil	TPH-DRO	TPH-GRO	B	T	E	X	MTBE	MTBE by SW8260	Ethanol	TBA	DIPE	ETBE	TAME
	Units	ft	ft	ft-amsl	ft	gal	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	10/17/1995	2.61	4.12	-1.51	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-
MW-1	03/29/1996	2.61	3.33	-0.72	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	9.5	-	-	-	-	-	-
MW-1	06/26/1996	2.61	3.84	-1.23	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	46	-	-	-	-	-	-
MW-1	09/25/1996	2.61	4.02	-1.41	0.00	0.00	-	-	<250	<2.5	<2.5	<2.5	<2.5	940	-	-	-	-	-	-
MW-1	12/17/1996	2.61	3.57	-0.96	0.00	0.00	-	-	<50	0.9	<0.5	<0.5	<0.5	260	-	-	-	-	-	-
MW-1	03/20/1997	2.61	4.15	-1.54	0.00	0.00	-	-	<50	<2.0	<2.0	<2.0	<2.0	76	-	-	-	-	-	-
MW-1	06/20/1997	2.61	4.33	-1.72	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	64	-	-	-	-	-	-
MW-1	09/09/1997	2.61	4.35	-1.74	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	110	-	-	-	-	-	-
MW-1	12/12/1997	2.61	3.00	-0.39	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	27	-	-	-	-	-	-
MW-1	02/19/1998	2.61	1.83	0.78	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	14	-	-	-	-	-	-
MW-1	06/23/1998	2.61	3.34	-0.73	0.00	0.00	-	-	210	<0.5	<0.5	<0.5	<0.5	3,400	-	<50,000	<10,000	<200	<200	<200
MW-1	08/31/1998	2.61	3.49	-0.88	0.00	0.00	-	-	1,400	630	<5.0	<5.0	<5.0	16,000	-	-	-	-	-	-
MW-1	12/29/1998	2.61	3.83	-1.22	0.00	0.00	-	-	<500	<5.0	<5.0	<5.0	<5.0	1,090	-	-	-	-	-	-
MW-1	03/11/1999	2.61	3.04	-0.43	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	33.9	-	-	-	-	-	-
MW-1	06/24/1999	2.61	3.38	-0.77	0.00	0.00	-	-	<500	65.7	<5.0	<5.0	<5.0	1,160	-	<10,000	<2,000	<20	<20	258
MW-1	09/29/1999	2.61	3.62	-1.01	0.00	0.00	-	-	81.7	<0.5	<0.5	<0.5	<0.5	1,130	-	-	-	-	-	-
MW-1	12/08/1999	2.61	4.07	-1.46	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	233	-	-	-	-	-	-
MW-1	03/01/2000	2.61	1.95	0.66	0.00	0.00	-	-	100	<0.5	<0.5	<0.5	<0.5	37.9	-	-	-	-	-	-
MW-1	06/19/2000	2.61	3.41	-0.80	0.00	0.00	-	-	<50	3.8	<0.50	<0.50	<0.50	88	91[2]	<500	<100	<2.0	<2.0	11
MW-1	09/30/2000	2.61	3.84	-1.23	0.00	0.00	-	-	<130	<1.3	<1.3	<1.3	<1.3	460	530[2]	-	-	-	-	-
MW-1	10/05/2000	2.61	3.93	-1.32	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	12/08/2000	8.61	4.20	4.41	0.00	0.00	-	-	<50.0	<0.500	<0.500	<0.500	<0.500	58.7	-	-	-	-	-	-
MW-1	03/03/2001[11]	8.61	2.31	6.30	0.00	0.00	-	-	<50	<0.50	<0.50	<0.50	<0.50	8.9	-	-	-	-	-	-
MW-1	06/19/2001	8.61	3.34	5.27	0.00	0.00	-	-	<50	<0.50	<0.50	<0.50	<0.50	51	-	-	-	-	-	-
MW-1	09/05/2001	8.61	3.77	4.84	0.00	0.00	-	-	<50	<0.50	<0.50	<0.50	<1.5	180	-	-	-	-	-	-
MW-1	12/10/2001	8.61	2.47	6.14	0.00	0.00	-	-	<50	<0.50	<0.50	<0.50	<1.5	21	-	-	-	-	-	-
MW-1	03/04/2002	8.61	3.13	5.48	0.00	0.00	-	-	<50	<0.50	<0.50	<0.50	<1.5	47	-	-	-	-	-	-
MW-1	06/03/2002	8.61	5.71	2.90	0.00	0.00	-	-	<50	<0.50	<0.50	<0.50	<1.5	31	-	-	-	-	-	-
MW-1	09/14/2002	8.61	3.75	4.86	0.00	0.00	-	-	<50	<0.50	<0.50	<0.50	<1.5	140	-	-	-	-	-	-

TABLE 1

GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 9-1851
451 HEGENBERGER ROAD
OAKLAND, CALIFORNIA

							HYDROCARBONS			PRIMARY VOCS						ADDITIONAL VOCS				
Location	Date	TOC	DTW	GWE	LNAPLT	LNAPL REMOVED	Motor Oil	TPH-DRO	TPH-GRO	B	T	E	X	MTBE	MTBE by SW8260	Ethanol	TBA	DIPE	ETBE	TAME
	Units	ft	ft	ft-amsl	ft	gal	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	12/13/2002	8.61	3.29	5.32	0.00	0.00	-	-	<50	<0.50	<0.50	<0.50	<1.5	<2.5	-	-	-	-	-	-
MW-1	03/14/2003	8.61	3.07	5.54	0.00	0.00	-	-	<50	<0.50	<0.50	<0.50	<1.5	35	-	-	-	-	-	-
MW-1	06/09/2003[13]	8.61	3.52	5.09	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	69	-	-	-	-	-
MW-1	09/03/2003[13]	8.61	4.12	4.49	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	1	<50	-	-	-	-
MW-1	12/01/2003[13]	8.61	3.27	5.34	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	100	<50	-	-	-	-
MW-1	03/01/2004[13]	8.61	2.06	6.55	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	26	<50	-	-	-	-
MW-1	06/02/2004[13]	8.61	3.30	5.31	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	93	<50	-	-	-	-
MW-1	09/03/2004[13]	8.61	4.14	4.47	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	140	<50	-	-	-	-
MW-1	12/20/2004[13]	8.61	3.62	4.99	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	37	<50	-	-	-	-
MW-1	03/12/2005[13]	8.61	3.04	5.57	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	130	<50	-	-	-	-
MW-1	06/28/2005[13]	8.61	3.28	5.33	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	93	<50	-	-	-	-
MW-1	09/01/2005[13]	8.61	3.58	5.03	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	59	<50	-	-	-	-
MW-1	12/01/2005[13]	8.61	3.05	5.56	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	62	<50	-	-	-	-
MW-1	03/04/2006[13]	8.61	3.31	5.30	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	88	<50	-	-	-	-
MW-1	06/01/2006[13]	8.61	3.44	5.17	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	36	<50	-	-	-	-
MW-1	09/01/2006[13]	8.61	2.99	5.62	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	18	<50	-	-	-	-
MW-1	12/15/2006[13]	8.61	2.91	5.70	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	8	<50	-	-	-	-
MW-1	03/15/2007[13]	8.61	3.43	5.18	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	17	<50	-	-	-	-
MW-1	06/15/2007[13]	8.61	3.67	4.94	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	8	<50	-	-	-	-
MW-1	09/06/2007[13]	8.61	3.42	5.19	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	3	<50	-	-	-	-
MW-1	12/07/2007[13]	8.61	3.31	5.30	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	7	<50	-	-	-	-
MW-1	03/07/2008[13]	8.61	3.45	5.16	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	9	<50	-	-	-	-
MW-1	06/24/2008[13]	8.61	3.76	4.85	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	3	<50	-	-	-	-
MW-1	09/11/2008[13]	8.61	4.50	4.11	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	9	-	-	-	-	-
MW-1	12/19/2008[13]	8.61	3.73	4.88	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	6	<50	-	-	-	-
MW-1	06/01/2009	8.61	4.77	3.84	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	3	<50	-	-	-	-
MW-1	09/30/2009	8.61	4.81	3.80	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	1	<50	-	-	-	-
MW-1	12/10/2009	8.61	3.95	4.66	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	4	<50	-	-	-	-
MW-1	12/11/2009	8.61	3.81	4.80	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 1

GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 9-1851
451 HEGENBERGER ROAD
OAKLAND, CALIFORNIA

							HYDROCARBONS			PRIMARY VOCS						ADDITIONAL VOCS				
Location	Date	TOC	DTW	GWE	LNAPLT	LNAPL REMOVED	Motor Oil	TPH-DRO	TPH-GRO	B	T	E	X	MTBE	MTBE by SW8260	Ethanol	TBA	DIPE	ETBE	TAME
	Units	ft	ft	ft-amsl	ft	gal	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	03/08/2010	8.61	2.90	5.71	0.00	0.00	-	-	<500	<0.5	<0.5	<0.5	<0.5	-	4	<50	-	-	-	-
MW-1	06/06/2010	8.61	3.40	5.21	0.00	0.00	280	-	<50	<0.5	<0.5	<0.5	<0.5	-	2	<50	-	-	-	-
MW-1	09/02/2010	8.61	4.02	4.59	0.00	0.00	320	-	<50	<0.5	<0.5	<0.5	<0.5	-	2	<50	-	-	-	-
MW-1	12/09/2010	8.61	3.23	5.38	0.00	0.00	320	-	<50	<0.5	<0.5	<0.5	<0.5	-	3	<50	-	-	-	-
MW-1	**03/23/2011**	**8.61**	**2.33**	**6.28**	**0.00**	**0.00**	**1,100**	**-**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**-**	**3**	**<50**	**-**	**-**	**-**	**-**
MW-2	10/17/1995[3]	3.51	5.33	-1.82	0.00	0.00	-	1,600[4]	170	3.5	<0.5	1.0	6.1	-	-	-	-	-	-	-
MW-2	03/29/1996	3.51	3.95	-0.44	0.00	0.00	-	3,000[4]	89	11 / 4.7	<0.5	0.64	2.5 / 0.74	21	-	-	-	-	-	-
MW-2	06/26/1996	3.51	4.60	-1.09	0.00	0.00	-	2,000[4]	80	8.7 / 11	<0.5	1.2	<2.0 / 1.3	31	-	-	-	-	-	-
MW-2	09/25/1996	3.51	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	12/17/1996	3.51	3.92	-0.41	0.00	0.00	-	2,400[4]	110	<0.5 / 10	<0.5	0.75	<2.0 / 2.1	27	-	-	-	-	-	-
MW-2	03/20/1997	3.51	4.83	-1.32	0.00	0.00	-	3,400[4]	140	8.2	<2.0	<2.0	<2.0	58	-	-	-	-	-	-
MW-2	06/20/1997	3.51	5.04	-1.53	0.00	0.00	-	1,600[4]	62	7.7 / 7.2	<0.5	<0.5	<0.5 / <2.0	38	-	-	-	-	-	-
MW-2	09/09/1997	3.51	4.98	-1.47	0.00	0.00	-	82[4]	190	9.4 / 11	<0.5	<0.5	<2.0 / 0.86	48	-	-	-	-	-	-
MW-2	12/12/1997	3.51	3.91	-0.40	0.00	0.00	-	8,500[4]	180	<2.0 / 1.8	<0.5	<0.5	<2.0 / 3.2	34	-	-	-	-	-	-
MW-2	02/19/1998	3.51	2.96	0.55	0.00	0.00	-	3,800[4]	<100	<3.3 / 1.8	<1.0	<1.0	<3.3 / <1.0	230	-	-	-	-	-	-
MW-2	06/23/1998	3.51	4.05	-0.54	0.00	0.00	-	-	60	<0.5	<0.5	<0.5	<0.5	55	-	<500	<100	<2.0	<2.0	<2.0
MW-2	08/31/1998	3.51	4.31	-0.80	0.00	0.00	-	-	61	2.2	<0.5	<0.5	1.1	53	-	-	-	-	-	-
MW-2	12/29/1998	3.51	4.63	-1.12	0.00	0.00	-	-	54	1.3	<0.5	<0.5	0.752	38.1	-	-	-	-	-	-
MW-2	03/11/1999	3.51	3.52	-0.01	0.00	0.00	-	-	648	2.9	<2.0	<2.0	<2.0	73.2	-	-	-	-	-	-
MW-2	06/24/1999	3.51	4.00	-0.49	0.00	0.00	-	-	264	0.58	<0.5	1.01	<0.5	44.1	-	<1,000	<200	<2.0	<2.0	<2.0
MW-2	09/29/1999	3.51	4.44	-0.93	0.00	0.00	-	-	54.3	0.66	<0.5	<0.5	<0.5	35.7	-	-	-	-	-	-
MW-2	12/08/1999	3.51	4.89	-1.38	0.00	0.00	-	-	<50	1.27	<0.5	<0.5	<0.5	56.9	-	-	-	-	-	-
MW-2	03/01/2000	3.51	3.03	0.48	0.00	0.00	-	-	68	1.57	<0.5	<0.5	<0.5	110	-	-	-	-	-	-
MW-2	06/19/2000	3.51	4.17	-0.66	0.00	0.00	-	-	58.00[1]	1.5	<0.50	<0.50	<0.50	90	59[2]	<500	<100	<2.0	<2.0	4.0
MW-2	09/30/2000	3.51	4.66	-1.15	0.00	0.00	-	-	<50	<0.50	0.82	<0.50	1.1	48	50[2]	-	-	-	-	-
MW-2	10/05/2000[8,9]	3.51	4.71	-1.20	0.00	0.00	-	4,000[7]	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	12/08/2000	9.52	4.97	4.55	0.00	0.00	-	-	<50.0	<0.500	<0.500	<0.500	<0.500	61.8	-	-	-	-	-	-
MW-2	03/03/2001[11]	9.52	3.27	6.25	0.00	0.00	-	-	310[12]	0.60	<0.50	<0.50	1.3	97	-	-	-	-	-	-

TABLE 1

GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 9-1851
451 HEGENBERGER ROAD
OAKLAND, CALIFORNIA

							HYDROCARBONS			PRIMARY VOCS						ADDITIONAL VOCS				
Location	Date	TOC	DTW	GWE	LNAPLT	LNAPL REMOVED	Motor Oil	TPH-DRO	TPH-GRO	B	T	E	X	MTBE	MTBE by SW8260	Ethanol	TBA	DIPE	ETBE	TAME
	Units	ft	ft	ft-amsl	ft	gal	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	06/19/2001	9.52	4.05	5.47	0.00	0.00	-	-	<50	<0.50	<0.50	<0.50	<0.50	30	-	-	-	-	-	-
MW-2	09/05/2001	9.52	4.54	4.98	0.00	0.00	-	-	<50	<0.50	1.2	<0.50	<1.5	46	-	-	-	-	-	-
MW-2	12/10/2001	9.52	3.45	6.07	0.00	0.00	-	-	<50	<0.50	<0.50	<0.50	<1.5	22	-	-	-	-	-	-
MW-2	03/04/2002	9.52	3.94	5.58	0.00	0.00	-	-	<50	<0.50	<0.50	<0.50	<1.5	61	-	-	-	-	-	-
MW-2	06/03/2002	9.52	4.08	5.44	0.00	0.00	-	-	<50	<0.50	<0.50	<0.50	<1.5	71	-	-	-	-	-	-
MW-2	09/14/2002	9.52	4.65	4.87	0.00	0.00	-	-	<50	<0.50	<0.50	<0.50	<1.5	77	-	-	-	-	-	-
MW-2	12/13/2002	9.52	4.31	5.21	0.00	0.00	-	-	53	<0.50	<0.50	<0.50	<1.5	44	-	-	-	-	-	-
MW-2	03/14/2003	9.52	3.91	5.61	0.00	0.00	-	-	<50	<0.50	<0.50	<0.50	<1.5	55	-	-	-	-	-	-
MW-2	06/09/2003[13]	9.52	4.33	5.19	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	67	-	-	-	-	-
MW-2	09/03/2003[13]	9.52	4.93	4.59	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	0.9	<50	-	-	-	-
MW-2	12/01/2003[13]	9.52	4.15	5.37	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	72	<50	-	-	-	-
MW-2	03/01/2004[13]	9.52	3.12	6.40	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	130	<50	-	-	-	-
MW-2	06/02/2004[13]	9.52	4.21	5.31	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	46	<50	-	-	-	-
MW-2	09/03/2004[13]	9.52	4.14	5.38	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	69	<50	-	-	-	-
MW-2	12/20/2004	9.52	4.60	4.96**	0.05	0.01[14]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	03/12/2005[13]	9.52	3.90	5.62	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	57	<50	-	-	-	-
MW-2	06/28/2005[13]	9.52	4.06	5.46	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	6	<50	-	-	-	-
MW-2	09/01/2005	9.52	4.52	5.03**	0.04	1.10[14]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	12/01/2005[13]	9.52	4.01	5.51	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	3	<50	-	-	-	-
MW-2	03/04/2006[13]	9.52	4.27	5.25	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	14	<50	-	-	-	-
MW-2	06/01/2006[13]	9.52	4.40	5.12	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	35	<50	-	-	-	-
MW-2	09/01/2006[13]	9.52	3.90	5.62	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	31	<50	-	-	-	-
MW-2	12/15/2006[13]	9.52	3.88	5.64	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	25	<50	-	-	-	-
MW-2	03/15/2007[13]	9.52	4.27	5.25	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	15	<50	-	-	-	-
MW-2	06/15/2007[16]	9.52	4.49	5.03	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	09/06/2007[13]	9.52	4.32	5.20	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	43	<50	-	-	-	-
MW-2	12/07/2007[13]	9.52	4.46	5.06	0.00	0.00	-	-	<250[17]	<0.5	<0.5	<0.5	<0.5	-	28	<50	-	-	-	-
MW-2	03/07/2008[13]	9.52	4.38	5.15**	0.01	0.01	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	19	<50	-	-	-	-
MW-2	06/24/2008	9.52	5.16	4.88**	0.65	0.73[14]	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 1

GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 9-1851
451 HEGENBERGER ROAD
OAKLAND, CALIFORNIA

							HYDROCARBONS			PRIMARY VOCS						ADDITIONAL VOCS				
Location	Date	TOC	DTW	GWE	LNAPLT	LNAPL REMOVED	Motor Oil	TPH-DRO	TPH-GRO	B	T	E	X	MTBE	MTBE by SW8260	Ethanol	TBA	DIPE	ETBE	TAME
	Units	ft	ft	ft-amsl	ft	gal	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	09/11/2008	9.52	5.50	4.30**	0.35	0.13[14]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	12/19/2008	9.52	4.80	4.75**	0.04	0.50[18]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	06/01/2009	9.52	4.90	4.62	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	09/30/2009	9.52	4.82	4.70**	0.09	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	12/10/2009	9.52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	12/11/2009	9.52	4.89	4.63**	0.10	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	03/08/2010	9.52	3.82	5.74**	0.05	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	06/06/2010	9.52	4.52	5.06**	0.07	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	09/02/2010[zz]	9.52	4.89	4.67**	0.05	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	12/09/2010[zz]	9.52	3.74	5.82**	0.05	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	**03/23/2011[zz]**	**9.52**	**3.38**	**6.17****	**0.04**	**0.00**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
MW-3	10/17/1995[5]	3.08	4.42	-1.34	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-
MW-3	03/29/1996	3.08	3.00	0.08	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	26	-	-	-	-	-	-
MW-3	06/26/1996	3.08	3.60	-0.52	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	47	-	-	-	-	-	-
MW-3	09/25/1996	3.08	4.14	-1.06	0.00	0.00	-	-	<125	<1.2	<1.2	<1.2	<1.2	570	-	-	-	-	-	-
MW-3	12/17/1996	3.08	3.20	-0.12	0.00	0.00	-	-	<500	<5.0	<5.0	<5.0	<5.0	680	-	-	-	-	-	-
MW-3	03/20/1997	3.08	3.30	-0.22	0.00	0.00	-	-	<50	<5.7	<5.7	<5.7	<5.7	430	-	-	-	-	-	-
MW-3	06/20/1997	3.08	3.86	-0.78	0.00	0.00	-	-	<500	<5.0	<5.0	<5.0	<5.0	1,400	-	-	-	-	-	-
MW-3	09/09/1997	3.08	4.19	-1.11	0.00	0.00	-	-	76[4]	22	<0.5	<0.5	<0.5	920	-	-	-	-	-	-
MW-3	12/12/1997	3.08	2.96	0.12	0.00	0.00	-	-	52	15	<0.5	<0.5	<0.5	710	-	-	-	-	-	-
MW-3	02/19/1998	3.08	2.22	0.86	0.00	0.00	-	-	<50	6.6	<0.5	<0.5	<0.5	380	-	-	-	-	-	-
MW-3	06/23/1998	3.08	3.25	-0.17	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	390	-	<5,000	<1,000	<20	<20	26
MW-3	08/31/1998	3.08	3.86	-0.78	0.00	0.00	-	-	<50	19	<0.5	<0.5	<0.5	830	-	-	-	-	-	-
MW-3	12/29/1998	3.08	3.53	-0.45	0.00	0.00	-	-	<250	<2.5	<2.5	<2.5	<2.5	416	-	-	-	-	-	-
MW-3	03/11/1999	3.08	3.35	-0.27	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	262	-	-	-	-	-	-
MW-3	06/24/1999	3.08	3.61	-0.53	0.00	0.00	-	-	<50	12.8	<0.5	<0.5	<0.5	620	-	<6,670	<1,330	<13.3	<13.3	<13.3
MW-3	09/29/1999	3.08	3.95	-0.87	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	2,840	-	-	-	-	-	-
MW-3	12/08/1999	3.08	3.54	-0.46	0.00	0.00	-	-	73.4	<0.5	<0.5	<0.5	<0.5	1,620	-	-	-	-	-	-

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FORMER CHEVRON SERVICE STATION 9-1851
451 HEGENBERGER ROAD
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							HYDROCARBONS			PRIMARY VOCS						ADDITIONAL VOCS				
Location	Date	TOC	DTW	GWE	LNAPLT	LNAPL REMOVED	Motor Oil	TPH-DRO	TPH-GRO	B	T	E	X	MTBE	MTBE by SW8260	Ethanol	TBA	DIPE	ETBE	TAME
	Units	ft	ft	ft-amsl	ft	gal	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	03/01/2000	3.08	2.43	0.65	0.00	0.00	-	-	<200	<2.0	<2.0	<2.0	<2.0	1,880	-	-	-	-	-	-
MW-3	06/19/2000	3.08	3.38	-0.30	0.00	0.00	-	-	<250	20	<2.5	<2.5	<2.5	1,200	920[2]	570	<100	<2.0	<2.0	65
MW-3	09/30/2000	3.08	4.00	-0.92	0.00	0.00	-	-	<250	<2.5	<2.5	<2.5	<2.5	730	2,100[2]	-	-	-	-	-
MW-3	10/05/2000	3.08	4.02	-0.94	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-3	12/08/2000	9.08	3.70	5.38	0.00	0.00	-	-	<50.0	<0.500	<0.500	<0.500	<0.500	1,620	-	-	-	-	-	-
MW-3	03/03/2001[11]	9.08	2.24	6.84	0.00	0.00	-	-	<50	<0.50	<0.50	<0.50	<0.50	1,000	-	-	-	-	-	-
MW-3	06/19/2001	9.08	3.71	5.37	0.00	0.00	-	-	<120	4.8	<1.2	<1.2	<1.2	510	-	-	-	-	-	-
MW-3	09/05/2001	9.08	4.04	5.04	0.00	0.00	-	-	130	<0.50	<0.50	<0.50	<1.5	1,400	-	-	-	-	-	-
MW-3	12/10/2001	9.08	2.54	6.54	0.00	0.00	-	-	130	<0.50	<0.50	<0.50	<1.5	1,000	-	-	-	-	-	-
MW-3	03/04/2002	9.08	2.84	6.24	0.00	0.00	-	-	120	<0.50	<0.50	<0.50	<1.5	720	-	-	-	-	-	-
MW-3	06/03/2002	9.08	3.28	5.80	0.00	0.00	-	-	130	<0.50	<0.50	<0.50	<1.5	710	-	-	-	-	-	-
MW-3	09/14/2002	9.08	4.15	4.93	0.00	0.00	-	-	590	<20	<1.0	<1.0	<3.0	2,600	-	-	-	-	-	-
MW-3	12/13/2002	9.08	3.85	5.23	0.00	0.00	-	-	430	<0.50	<0.50	<0.50	<1.5	2,000	-	-	-	-	-	-
MW-3	03/14/2003	9.08	2.99	6.09	0.00	0.00	-	-	310	<0.50	<0.50	<0.50	<1.5	1,600	-	-	-	-	-	-
MW-3	06/09/2003[13]	9.08	3.34	5.74	0.00	0.00	-	-	330	<0.5	<0.5	<0.5	<0.5	-	1,800	-	-	-	-	-
MW-3	09/03/2003[13]	9.08	3.97	5.11	0.00	0.00	-	-	720	<3	<3	<3	<3	-	4,100	<250	-	-	-	-
MW-3	12/01/2003[13]	9.08	3.76	5.32	0.00	0.00	-	-	520	<1	<1	<1	<1	-	2,400	<130	-	-	-	-
MW-3	03/01/2004[13]	9.08	2.11	6.97	0.00	0.00	-	-	140	<0.5	<0.5	<0.5	<0.5	-	850	<50	-	-	-	-
MW-3	06/02/2004[13]	9.08	3.65	5.43	0.00	0.00	-	-	220	<0.5	<0.5	<0.5	<0.5	-	1,500	<50	-	-	-	-
MW-3	09/03/2004[13]	9.08	5.01	4.07	0.00	0.00	-	-	300	<1	<1	<1	<1	-	1,800	<100	-	-	-	-
MW-3	12/20/2004[13]	9.08	4.85	4.23	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	86	<50	-	-	-	-
MW-3	03/12/2005[13]	9.08	4.39	4.69	0.00	0.00	-	-	<50	0.6	<0.5	<0.5	<0.5	-	110	<50	-	-	-	-
MW-3	06/28/2005[13]	9.08	4.56	4.52	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	23	<50	-	-	-	-
MW-3	09/01/2005[13]	9.08	4.67	4.41	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	47	<50	-	-	-	-
MW-3	12/01/2005[13]	9.08	4.43	4.65	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	19	<50	-	-	-	-
MW-3	03/04/2006[13]	9.08	4.32	4.76	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	36	<50	-	-	-	-
MW-3	06/01/2006[13]	9.08	4.52	4.56	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	29	<50	-	-	-	-
MW-3	09/01/2006[13]	9.08	4.66	4.42	0.00	0.00	-	-	75	<0.5	<0.5	<0.5	<0.5	-	29	<50	-	-	-	-
MW-3	12/15/2006[13]	9.08	4.07	5.01	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	14	<50	-	-	-	-

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FORMER CHEVRON SERVICE STATION 9-1851
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							HYDROCARBONS			PRIMARY VOCS						ADDITIONAL VOCS				
Location	Date	TOC	DTW	GWE	LNAPLT	LNAPL REMOVED	Motor Oil	TPH-DRO	TPH-GRO	B	T	E	X	MTBE	MTBE by SW8260	Ethanol	TBA	DIPE	ETBE	TAME
	Units	ft	ft	ft-amsl	ft	gal	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	03/15/2007[13]	9.08	4.26	4.82	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	24	<50	-	-	-	-
MW-3	06/15/2007[13]	9.08	4.62	4.46	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	18	<50	-	-	-	-
MW-3	09/06/2007[13]	9.08	4.70	4.38	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	14	<50	-	-	-	-
MW-3	12/07/2007[13]	9.08	4.60	4.48	0.00	0.00	-	-	<250[17]	<0.5	<0.5	<0.5	<0.5	-	16	<50	-	-	-	-
MW-3	03/07/2008[13]	9.08	4.31	4.77	0.00	0.00	-	-	51	<0.5	<0.5	<0.5	<0.5	-	20	<50	-	-	-	-
MW-3	06/24/2008[13]	9.08	4.68	4.40	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	21	<50	-	-	-	-
MW-3	09/11/2008[13]	9.08	5.02	4.06	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	29	<50	-	-	-	-
MW-3	12/19/2008[13]	9.08	4.67	4.41	0.00	0.00	-	-	59	<0.5	<0.5	<0.5	0.9	-	21	<50	-	-	-	-
MW-3	06/01/2009	9.08	4.48	4.60	0.00	0.00	-	-	60 J	<0.5	<0.5	<0.5	<0.5	-	23	<50	-	-	-	-
MW-3	09/30/2009	9.08	3.98	5.10	0.00	0.00	-	-	72 J	<0.5	<0.5	<0.5	<0.5	-	25	<50	-	-	-	-
MW-3	12/10/2009	9.08	4.95	4.13	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-3	12/11/2009	9.08	4.60	4.48	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-3	03/08/2010	9.08	3.70	5.38	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	32	<50	-	-	-	-
MW-3	06/06/2010	9.08	4.37	4.71	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-3	09/02/2010	9.08	4.82	4.26	0.00	0.00	240	-	<50	<0.5	<0.5	<0.5	<0.5	-	22	<50	-	-	-	-
MW-3	12/09/2010[Z5]	9.08	3.82	5.26	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-3	**03/23/2011**	**9.08**	**3.25**	**5.83**	**0.00**	**0.00**	**4,600**	**-**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**-**	**2**	**<50**	**-**	**-**	**-**	**-**
MW-4	10/17/1995	3.48	5.08	-1.60	0.00	0.00	-	-	<125	<1.2	<1.2	<1.2	<1.2	-	-	-	-	-	-	-
MW-4	03/29/1996	3.48	4.61	-1.13	0.00	0.00	-	-	<1,000	<10	<10	<10	<10	6,700	-	-	-	-	-	-
MW-4	06/26/1996	3.48	4.30	-0.82	0.00	0.00	-	-	<2,000	<20	<20	<20	<20	7,200	-	-	-	-	-	-
MW-4	09/25/1996	3.48	5.33	-1.85	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5	-	-	-	-	-	-
MW-4	12/17/1996	3.48	2.81	0.67	0.00	0.00	-	-	<2,000	120	<20	<20	<20	11,000	-	-	-	-	-	-
MW-4	03/20/1997	3.48	4.50	-1.02	0.00	0.00	-	-	250[4]	<2.0	<2.0	<2.0	<2.0	10,000	8,600[6]	-	-	-	-	-
MW-4	06/20/1997	3.48	5.68	-2.20	0.00	0.00	-	-	<2,500	<25	<25	<25	<25	9,300	-	-	-	-	-	-
MW-4	09/09/1997	3.48	5.50	-2.02	0.00	0.00	-	-	460[4]	<0.5	<0.5	<0.5	<0.5	6,600	-	-	-	-	-	-
MW-4	12/12/1997	3.48	5.03	-1.55	0.00	0.00	-	-	430[4]	120	<2.5	<2.5	<2.5	7,800	-	-	-	-	-	-
MW-4	02/19/1998	3.48	3.35	0.13	0.00	0.00	-	-	510[4]	130	<0.5	<0.5	<0.5	6,600	-	-	-	-	-	-
MW-4	06/23/1998	3.48	4.98	-1.50	0.00	0.00	-	-	550[4]	<0.5	<0.5	<0.5	<0.5	6,800	-	<50,000	<10,000	<200	<200	860

TABLE 1

GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 9-1851
451 HEGENBERGER ROAD
OAKLAND, CALIFORNIA

							HYDROCARBONS			PRIMARY VOCS						ADDITIONAL VOCS				
Location	Date	TOC	DTW	GWE	LNAPLT	LNAPL REMOVED	Motor Oil	TPH-DRO	TPH-GRO	B	T	E	X	MTBE	MTBE by SW8260	Ethanol	TBA	DIPE	ETBE	TAME
	Units	ft	ft	ft-amsl	ft	gal	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	08/31/1998	3.48	5.42	-1.94	0.00	0.00	-	-	<500	450	<5.0	<5.0	<5.0	14,000	-	-	-	-	-	-
MW-4	12/29/1998	3.48	5.06	-1.58	0.00	0.00	-	-	<5,000	<50	<50	<50	<50	16,100	-	-	-	-	-	-
MW-4	03/11/1999	3.48	3.78	-0.30	0.00	0.00	-	-	979	<5.0	<5.0	<5.0	<5.0	15,100	-	-	-	-	-	-
MW-4	06/24/1999	3.48	4.31	-0.83	0.00	0.00	-	-	<2,500	715	<25	<25	<25	12,400	-	<125,000	<25,000	<250	<250	2,600
MW-4	09/29/1999	3.48	5.58	-2.10	0.00	0.00	-	-	1,380	<5.0	<5.0	<5.0	<5.0	11,700	-	-	-	-	-	-
MW-4	12/08/1999	3.48	5.33	-1.85	0.00	0.00	-	-	318	<0.5	<0.5	<0.5	<0.5	11,100	-	-	-	-	-	-
MW-4	03/01/2000	3.48	5.20	-1.72	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	9,940	-	-	-	-	-	-
MW-4	06/19/2000	3.48	5.36	-1.88	0.00	0.00	-	-	<1,000	220	<10	<10	<10	7,300	9,500[2]	<25,000	<5,000	<100	<100	1,100
MW-4	09/30/2000	3.48	3.77	-0.29	0.00	0.00	-	-	740[1]	<2.5	<2.5	<2.5	<2.5	6,000	7,800[2]	-	-	-	-	-
MW-4	10/05/2000	3.48	3.86	-0.38	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-4	12/08/2000	9.48	4.45	5.03	0.00	0.00	-	-	<50.0	<0.500	<0.500	<0.500	<0.500	6,230	-	-	-	-	-	-
MW-4	03/03/2001[11]	9.48	3.83	5.65	0.00	0.00	-	-	<250	<2.5	<2.5	<2.5	<2.5	3,600	-	-	-	-	-	-
MW-4	06/19/2001	9.48	3.37	6.11	0.00	0.00	-	-	<500	140	<5.0	<5.0	<5.0	2,500	-	-	-	-	-	-
MW-4	09/05/2001	9.48	3.96	5.52	0.00	0.00	-	-	400	<0.50	<0.50	<0.50	<1.5	2,800	-	-	-	-	-	-
MW-4	12/10/2001	9.48	5.05	4.43	0.00	0.00	-	-	700	<0.50	<0.50	<0.50	<1.5	3,400	-	-	-	-	-	-
MW-4	03/04/2002	9.48	3.67	5.81	0.00	0.00	-	-	660	<0.50	<0.50	<0.50	<1.5	2,900	-	-	-	-	-	-
MW-4	06/03/2002	9.48	5.24	4.24	0.00	0.00	-	-	610	<0.50	<0.50	<0.50	<1.5	3,000	-	-	-	-	-	-
MW-4	09/14/2002	9.48	5.22	4.26	0.00	0.00	-	-	490	<10	<1.0	<1.0	<3.0	2,400	-	-	-	-	-	-
MW-4	12/13/2002	9.48	4.67	4.81	0.00	0.00	-	-	440	<0.50	<0.50	<0.50	<1.5	2,200	-	-	-	-	-	-
MW-4	03/14/2003	9.48	4.64	4.84	0.00	0.00	-	-	490	<0.50	<0.50	<0.50	<1.5	2,600	-	-	-	-	-	-
MW-4	06/09/2003[13]	9.48	5.03	4.45	0.00	0.00	-	-	340	<0.5	<0.5	<0.5	<0.5	-	1,700	-	-	-	-	-
MW-4	09/03/2003[13]	9.48	5.65	3.83	0.00	0.00	-	-	320	<1	<1	<1	<1	-	1,600	<130	-	-	-	-
MW-4	12/01/2003[13]	9.48	4.97	4.51	0.00	0.00	-	-	350	<1	<1	<1	<1	-	1,700	<100	-	-	-	-
MW-4	03/01/2004[13]	9.48	4.68	4.80	0.00	0.00	-	-	240	<0.5	<0.5	<0.5	<0.5	-	1,200	<50	-	-	-	-
MW-4	06/02/2004[13]	9.48	4.93	4.55	0.00	0.00	-	-	240	<0.5	<0.5	<0.5	<0.5	-	1,600	<50	-	-	-	-
MW-4	09/03/2004[13]	9.48	4.99	4.49	0.00	0.00	-	-	270	<1	<1	<1	<1	-	1,500	<100	-	-	-	-
MW-4	12/20/2004[13]	9.48	4.18	5.30	0.00	0.00	-	-	230	<3	<3	<3	<3	-	1,900	<250	-	-	-	-
MW-4	03/12/2005[13]	9.48	5.32	4.16	0.00	0.00	-	-	180	<1	<1	<1	<1	-	1,200	<100	-	-	-	-
MW-4	06/28/2005[13]	9.48	5.26	4.22	0.00	0.00	-	-	180	<0.5	<0.5	<0.5	<0.5	-	920	<50	-	-	-	-

TABLE 1

GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 9-1851
451 HEGENBERGER ROAD
OAKLAND, CALIFORNIA

							HYDROCARBONS			PRIMARY VOCS						ADDITIONAL VOCS				
Location	Date	TOC	DTW	GWE	LNAPLT	LNAPL REMOVED	Motor Oil	TPH-DRO	TPH-GRO	B	T	E	X	MTBE	MTBE by SW8260	Ethanol	TBA	DIPE	ETBE	TAME
	Units	ft	ft	ft-amsl	ft	gal	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	09/01/2005[13]	9.48	4.91	4.57	0.00	0.00	-	-	250	<1	<1	<1	<1	-	1,500	<100	-	-	-	-
MW-4	12/01/2005[13]	9.48	4.88	4.60	0.00	0.00	-	-	61	<0.5	<0.5	<0.5	<0.5	-	260	<50	-	-	-	-
MW-4	03/04/2006[13]	9.48	5.02	4.46	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	80	<50	-	-	-	-
MW-4	06/01/2006[13]	9.48	4.23	5.25	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	51	<50	-	-	-	-
MW-4	09/01/2006[13]	9.48	5.36	4.12	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	29	<50	-	-	-	-
MW-4	12/15/2006[13]	9.48	4.94	4.54	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	19	<50	-	-	-	-
MW-4	03/15/2007[13]	9.48	5.02	4.46	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	18	<50	-	-	-	-
MW-4	06/15/2007[13]	9.48	5.00	4.48	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	16	<50	-	-	-	-
MW-4	09/06/2007[13]	9.48	4.97	4.51	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	9	<50	-	-	-	-
MW-4	12/07/2007[13]	9.48	4.51	4.97	0.00	0.00	-	-	<250[17]	<0.5	<0.5	<0.5	<0.5	-	15	<50	-	-	-	-
MW-4	03/07/2008[13]	9.48	4.85	4.63	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	15	<50	-	-	-	-
MW-4	06/24/2008[13]	9.48	3.73	5.75	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	15	<50	-	-	-	-
MW-4	09/11/2008[13]	9.48	5.71	3.77	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	34	<50	-	-	-	-
MW-4	12/19/2008[13]	9.48	4.89	4.59	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	33	<50	-	-	-	-
MW-4	06/01/2009	9.48	4.45	5.03	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	23	<50	-	-	-	-
MW-4	09/30/2009	9.48	4.37	5.11	0.00	0.00	-	-	<500	<0.5	<0.5	<0.5	<0.5	-	22	<50	-	-	-	-
MW-4	12/10/2009	9.48	9.04	0.44	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	33	<50	-	-	-	-
MW-4	03/08/2010	9.48	4.93	4.55	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	30	<50	-	-	-	-
MW-4	06/06/2010	9.48	4.60	4.88	0.00	0.00	400	-	<50	<0.5	<0.5	<0.5	<0.5	-	21	<50	-	-	-	-
MW-4	09/02/2010	9.48	5.00	4.48	0.00	0.00	500	-	<50	<0.5	<0.5	<0.5	<0.5	-	17	<50	-	-	-	-
MW-4	12/09/2010	9.48	4.91	4.57	0.00	0.00	370	-	<50	<0.5	<0.5	<0.5	<0.5	-	48	<50	-	-	-	-
MW-4	**03/23/2011**	**9.48**	**5.12**	**4.36**	**0.00**	**0.00**	**500**	**-**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**-**	**16**	**<50**	**-**	**-**	**-**	**-**
MW-5	10/23/2000[10]	8.77	4.59	4.18	0.00	0.00	-	-	<50	<0.500	<0.500	<0.500	<0.500	4.34	-	<1,000	<100	<2.00	<2.00	<2.00
MW-5	12/08/2000	8.77	3.43	5.34	0.00	0.00	-	-	<50.0	<0.500	<0.500	<0.500	<0.500	11.0	-	-	-	-	-	-
MW-5	03/03/2001[11]	8.77	2.40	6.37	0.00	0.00	-	-	<50	<0.50	<0.50	<0.50	<0.50	24	-	-	-	-	-	-
MW-5	06/19/2001	8.77	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-5	09/05/2001	8.77	3.75	5.02	0.00	0.00	-	-	<50	<0.50	<0.50	<0.50	<1.5	31	-	-	-	-	-	-
MW-5	12/10/2001	8.77	2.79	5.98	0.00	0.00	-	-	<50	<0.50	<0.50	<0.50	<1.5	45	-	-	-	-	-	-

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FORMER CHEVRON SERVICE STATION 9-1851
451 HEGENBERGER ROAD
OAKLAND, CALIFORNIA

							HYDROCARBONS			PRIMARY VOCS						ADDITIONAL VOCS				
Location	Date	TOC	DTW	GWE	LNAPLT	LNAPL REMOVED	Motor Oil	TPH-DRO	TPH-GRO	B	T	E	X	MTBE	MTBE by SW8260	Ethanol	TBA	DIPE	ETBE	TAME
	Units	ft	ft	ft-amsl	ft	gal	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	03/04/2002	8.77	2.52	6.25	0.00	0.00	-	-	<50	<0.50	<0.50	<0.50	<1.5	29	-	-	-	-	-	-
MW-5	06/03/2002	8.77	3.20	5.57	0.00	0.00	-	-	<50	<0.50	<0.50	<0.50	<1.5	40	-	-	-	-	-	-
MW-5	09/14/2002	8.77	3.85	4.92	0.00	0.00	-	-	<50	<0.50	<0.50	<0.50	<1.5	92	-	-	-	-	-	-
MW-5	12/13/2002	8.77	3.45	5.32	0.00	0.00	-	-	<50	<0.50	<0.50	<0.50	<1.5	32	-	-	-	-	-	-
MW-5	03/14/2003	8.77	2.95	5.82	0.00	0.00	-	-	<50	<0.50	<0.50	<0.50	<1.5	71	-	-	-	-	-	-
MW-5	06/09/2003[13]	8.77	3.19	5.58	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	79	-	-	-	-	-
MW-5	09/03/2003[13]	8.77	3.79	4.98	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	2	<50	-	-	-	-
MW-5	12/01/2003[13]	8.77	3.34	5.43	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	52	<50	-	-	-	-
MW-5	03/01/2004[13]	8.77	2.48	6.29	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	120	<50	-	-	-	-
MW-5	06/02/2004[13]	8.77	3.11	5.66	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	110	<50	-	-	-	-
MW-5	09/03/2004[13]	8.77	5.11	3.66	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	80	<50	-	-	-	-
MW-5	12/20/2004[13]	8.77	5.10	3.67	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	62	<50	-	-	-	-
MW-5	03/12/2005[13]	8.77	4.71	4.06	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	58	<50	-	-	-	-
MW-5	06/28/2005[13]	8.77	4.93	3.84	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	64	<50	-	-	-	-
MW-5	09/01/2005[13]	8.77	4.92	3.85	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	61	<50	-	-	-	-
MW-5	12/01/2005[13]	8.77	4.81	3.96	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	50	<50	-	-	-	-
MW-5	03/04/2006[13]	8.77	4.78	3.99	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	49	<50	-	-	-	-
MW-5	06/01/2006[13]	8.77	4.89	3.88	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	38	<50	-	-	-	-
MW-5	09/01/2006[13]	8.77	4.94	3.83	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	32	<50	-	-	-	-
MW-5	12/15/2006[13]	8.77	4.68	4.09	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	26	<50	-	-	-	-
MW-5	03/15/2007[13]	8.77	4.88	3.89	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	23	<50	-	-	-	-
MW-5	06/15/2007[13]	8.77	4.87	3.90	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	22	<50	-	-	-	-
MW-5	09/06/2007[13]	8.77	4.77	4.00	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	17	<50	-	-	-	-
MW-5	12/07/2007[13]	8.77	4.99	3.78	0.00	0.00	-	-	<250[17]	<0.5	<0.5	<0.5	<0.5	-	22	<50	-	-	-	-
MW-5	03/07/2008[13]	8.77	4.89	3.88	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	18	<50	-	-	-	-
MW-5	06/24/2008[13]	8.77	5.12	3.65	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	18	<50	-	-	-	-
MW-5	09/11/2008[13]	8.77	5.21	3.56	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	18	<50	-	-	-	-
MW-5	12/19/2008[13]	8.77	4.98	3.79	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	17	<50	-	-	-	-
MW-5	06/01/2009	8.77	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 1

GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 9-1851
451 HEGENBERGER ROAD
OAKLAND, CALIFORNIA

							HYDROCARBONS			*PRIMARY VOCS*						*ADDITIONAL VOCS*				
Location	Date	*TOC*	*DTW*	*GWE*	*LNAPLT*	*LNAPL REMOVED*	*Motor Oil*	*TPH-DRO*	*TPH-GRO*	*B*	*T*	*E*	*X*	*MTBE*	*MTBE by SW8260*	*Ethanol*	*TBA*	*DIPE*	*ETBE*	*TAME*
	Units	*ft*	*ft*	*ft-amsl*	*ft*	*gal*	*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	09/30/2009	8.77	3.45	5.32	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	14	<50	-	-	-	-
MW-5	12/10/2009	8.77	4.76	4.01	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-5	06/06/2010	8.77	4.93	3.84	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-5	09/02/2010	8.77	5.30	3.47	0.00	0.00	190	-	<50	<0.5	<0.5	<0.5	<0.5	-	12	<50	-	-	-	-
MW-5	12/09/2010[23,24]	8.77	-	-	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-5	**03/23/2011**	**8.77**	**-**	**-**	**0.00**	**0.00**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
MW-6	10/23/2000[10]	11.45	7.15	4.30	0.00	0.00	-	-	<50	<0.500	<0.500	<0.500	<0.500	5.96	-	<1,000	<100	<2.00	<2.00	<2.00
MW-6	12/08/2000	11.45	6.84	4.61	0.00	0.00	-	-	<50.0	<0.500	<0.500	<0.500	<0.500	8.80	-	-	-	-	-	-
MW-6	03/03/2001[11]	11.45	6.13	5.32	0.00	0.00	-	-	<50	<0.50	<0.50	<0.50	<0.50	9.0	-	-	-	-	-	-
MW-6	06/19/2001	11.45	5.80	5.65	0.00	0.00	-	-	<50	<0.50	<0.50	<0.50	<0.50	<2.5	-	-	-	-	-	-
MW-6	09/05/2001	11.45	5.16	6.29	0.00	0.00	-	-	<50	<0.50	<0.50	<0.50	<1.5	<2.5	-	-	-	-	-	-
MW-6	12/10/2001	11.45	4.81	6.64	0.00	0.00	-	-	<50	<0.50	<0.50	<0.50	<1.5	<2.5	-	-	-	-	-	-
MW-6	03/04/2002	11.45	4.16	7.29	0.00	0.00	-	-	<50	<0.50	<0.50	<0.50	<1.5	<2.5	-	-	-	-	-	-
MW-6	06/03/2002	11.45	5.71	5.74	0.00	0.00	-	-	<50	<0.50	<0.50	<0.50	<1.5	<2.5	-	-	-	-	-	-
MW-6	09/14/2002	11.45	6.65	4.80	0.00	0.00	-	-	<50	<0.50	<0.50	<0.50	<1.5	<2.5	-	-	-	-	-	-
MW-6	12/13/2002	11.45	6.39	5.06	0.00	0.00	-	-	<50	<0.50	<0.50	<0.50	<1.5	<2.5	-	-	-	-	-	-
MW-6	03/14/2003	11.45	6.47	4.98	0.00	0.00	-	-	<50	<0.50	<0.50	<0.50	<1.5	<2.5	-	-	-	-	-	-
MW-6	06/09/2003[13]	11.45	6.78	4.67	0.00	0.00	-	-	<50	<0.5	0.7	<0.5	<0.5	-	1	-	-	-	-	-
MW-6	09/03/2003[13]	11.45	7.08	4.37	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	0.8	<50	-	-	-	-
MW-6	12/01/2003[13]	11.45	3.57	7.88	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	<0.5	<50	-	-	-	-
MW-6	03/01/2004[13]	11.45	3.18	8.27	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	25	<50	-	-	-	-
MW-6	06/02/2004[13]	11.45	3.50	7.95	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	<0.5	<50	-	-	-	-
MW-6	09/03/2004[13]	11.45	2.17	9.28	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	0.6	<50	-	-	-	-
MW-6	12/20/2004[13]	11.45	6.03	5.42	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	0.6	<50	-	-	-	-
MW-6	03/12/2005[13]	11.45	5.05	6.40	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	<0.5	<50	-	-	-	-
MW-6	06/28/2005[13]	11.45	2.36	9.09	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	<0.5	<50	-	-	-	-
MW-6	09/01/2005[13]	11.45	2.87	8.58	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	1	<50	-	-	-	-
MW-6	12/01/2005[13]	11.45	2.90	8.55	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	<0.5	<50	-	-	-	-

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GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 9-1851
451 HEGENBERGER ROAD
OAKLAND, CALIFORNIA

							HYDROCARBONS			PRIMARY VOCS						ADDITIONAL VOCS				
Location	Date	TOC	DTW	GWE	LNAPLT	LNAPL REMOVED	Motor Oil	TPH-DRO	TPH-GRO	B	T	E	X	MTBE	MTBE by SW8260	Ethanol	TBA	DIPE	ETBE	TAME
	Units	ft	ft	ft-amsl	ft	gal	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-6	03/04/2006[13]	11.45	3.71	7.74	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	<0.5	<50	-	-	-	-
MW-6	06/01/2006[13]	11.45	2.57	8.88	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	<0.5	<50	-	-	-	-
MW-6	09/01/2006[13]	11.45	2.36	9.09	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	1	<50	-	-	-	-
MW-6	12/15/2006[13]	11.45	3.16	8.29	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	<0.5	<50	-	-	-	-
MW-6	03/15/2007[13]	11.45	2.42	9.03	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	<0.5	<50	-	-	-	-
MW-6	06/15/2007[13]	11.45	3.32	8.13	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	<0.5	<50	-	-	-	-
MW-6	09/06/2007[13]	11.45	5.41	6.04	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	0.6	<50	-	-	-	-
MW-6	12/07/2007[13]	11.45	5.94	5.51	0.00	0.00	-	-	<250[17]	<0.5	<0.5	<0.5	<0.5	-	1	<50	-	-	-	-
MW-6	03/07/2008[13]	11.45	6.22	5.23	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	<0.5	<50	-	-	-	-
MW-6	06/24/2008[13]	11.45	2.48	8.97	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	<0.5	<50	-	-	-	-
MW-6	09/11/2008[13]	11.45	2.57	8.88	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	1	<50	-	-	-	-
MW-6	12/19/2008[13]	11.45	3.67	7.78	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	1	<50	-	-	-	-
MW-6	06/01/2009	11.45	5.32	6.13	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	0.9 J	<50	-	-	-	-
MW-6	09/30/2009	11.45	5.32	6.13	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	4	<50	-	-	-	-
MW-6	12/10/2009	11.45	2.54	8.91	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-6	03/08/2010	11.45	3.30	8.15	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	3	<50	-	-	-	-
MW-6	06/06/2010	11.45	2.42	9.03	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-6	09/02/2010	11.45	3.03	8.42	0.00	0.00	110 J	-	<50	<0.5	<0.5	<0.5	<0.5	-	<0.5	<50	-	-	-	-
MW-6	12/09/2010[2,3]	11.45	2.34	9.11	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-6	**03/23/2011**	**11.45**	**2.62**	**8.83**	**0.00**	**0.00**	**180**	**-**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**-**	**2**	**<50**	**-**	**-**	**-**	**-**
MW-7	10/23/2000[10]	10.58	6.25	4.33	0.00	0.00	-	-	<50	<0.500	<0.500	<0.500	<0.500	1,210	-	<6,670	<667	13.3	13.3	199
MW-7	12/08/2000	10.58	7.23	3.35	0.00	0.00	-	-	<50.0	<0.500	<0.500	<0.500	<0.500	338	-	-	-	-	-	-
MW-7	03/03/2001[11]	10.58	6.27	4.31	0.00	0.00	-	-	72[12]	<0.50	<0.50	<0.50	<0.50	460	-	-	-	-	-	-
MW-7	06/19/2001	10.58	5.82	4.76	0.00	0.00	-	-	110[1]	18	<0.50	<0.50	<0.50	440	-	-	-	-	-	-
MW-7	09/05/2001	10.58	6.54	4.04	0.00	0.00	-	-	180	<0.50	<0.50	<0.50	<1.5	640	-	-	-	-	-	-
MW-7	12/10/2001	10.58	5.54	5.04	0.00	0.00	-	-	110	<0.50	<0.50	<0.50	<1.5	390	-	-	-	-	-	-
MW-7	03/04/2002	10.58	6.90	3.68	0.00	0.00	-	-	220	1.1	<0.50	3.0	<1.5	460	-	-	-	-	-	-
MW-7	06/03/2002	10.58	5.64	4.94	0.00	0.00	-	-	130	<0.50	<0.50	<0.50	<1.5	350	-	-	-	-	-	-

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FORMER CHEVRON SERVICE STATION 9-1851
451 HEGENBERGER ROAD
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							HYDROCARBONS			PRIMARY VOCS						ADDITIONAL VOCS				
Location	Date	TOC	DTW	GWE	LNAPLT	LNAPL REMOVED	Motor Oil	TPH-DRO	TPH-GRO	B	T	E	X	MTBE	MTBE by SW8260	Ethanol	TBA	DIPE	ETBE	TAME
	Units	ft	ft	ft-amsl	ft	gal	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	09/14/2002	10.58	7.03	3.55	0.00	0.00	-	-	120	<2.0	<0.50	<0.50	<1.5	340	-	-	-	-	-	-
MW-7	12/13/2002	10.58	5.59	4.99	0.00	0.00	-	-	57	<0.50	<0.50	<0.50	<1.5	150	-	-	-	-	-	-
MW-7	03/14/2003	10.58	5.98	4.60	0.00	0.00	-	-	77	<0.50	<0.50	<0.50	<1.5	240	-	-	-	-	-	-
MW-7	06/09/2003[13]	10.58	6.26	4.32	0.00	0.00	-	-	79	<0.5	<0.5	<0.5	<0.5	-	210	-	-	-	-	-
MW-7	09/03/2003[13]	10.58	6.86	3.72	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	0.8	<50	-	-	-	-
MW-7	12/01/2003[13]	10.58	5.47	5.11	0.00	0.00	-	-	58	<0.5	<0.5	<0.5	<0.5	-	130	<50	-	-	-	-
MW-7	03/01/2004[13]	10.58	5.98	4.60	0.00	0.00	-	-	71	<0.5	<0.5	<0.5	<0.5	-	180	<50	-	-	-	-
MW-7	06/02/2004[13]	10.58	4.81	5.77	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	87	<50	-	-	-	-
MW-7	09/03/2004[13]	10.58	6.42	4.16	0.00	0.00	-	-	55	<0.5	<0.5	<0.5	<0.5	-	140	<50	-	-	-	-
MW-7	12/20/2004[13]	10.58	6.22	4.36	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	130	<50	-	-	-	-
MW-7	03/12/2005[13]	10.58	5.79	4.79	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	110	<50	-	-	-	-
MW-7	06/28/2005[13]	10.58	4.62	5.96	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	30	<50	-	-	-	-
MW-7	09/01/2005[13]	10.58	4.78	5.80	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	70	<50	-	-	-	-
MW-7	12/01/2005[13]	10.58	4.01	6.57	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	35	<50	-	-	-	-
MW-7	03/04/2006[13]	10.58	5.89	4.69	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	49	<50	-	-	-	-
MW-7	06/01/2006[13]	10.58	5.10	5.48	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	35	<50	-	-	-	-
MW-7	09/01/2006[13]	10.58	5.31	5.27	0.00	0.00	-	-	<50	0.5	5	<0.5	5	-	17	<50	-	-	-	-
MW-7	12/15/2006[13]	10.58	5.89	4.69	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	20	<50	-	-	-	-
MW-7	03/15/2007[13]	10.58	5.67	4.91	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	19	<50	-	-	-	-
MW-7	06/15/2007[13]	10.58	5.05	5.53	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	12	<50	-	-	-	-
MW-7	09/06/2007[13]	10.58	5.42	5.16	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	14	<50	-	-	-	-
MW-7	12/07/2007[13]	10.58	5.38	5.20	0.00	0.00	-	-	<250[17]	<0.5	<0.5	<0.5	<0.5	-	8	<50	-	-	-	-
MW-7	03/07/2008[13]	10.58	5.54	5.04	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	8	<50	-	-	-	-
MW-7	06/24/2008[13]	10.58	6.10	4.48	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	9	<50	-	-	-	-
MW-7	09/11/2008[13]	10.58	6.86	3.72	0.00	0.00	-	-	99	<0.5	<0.5	<0.5	<0.5	-	16	<50	-	-	-	-
MW-7	12/19/2008[13]	10.58	6.54	4.04	0.00	0.00	-	-	<50	<0.5	0.7	<0.5	1	-	9	<50	-	-	-	-
MW-7	06/01/2009	10.58	4.10	6.48	0.00	0.00	-	-	70 J	<0.5	<0.5	<0.5	<0.5	-	9	<50	-	-	-	-
MW-7	09/30/2009	10.58	3.11	7.47	0.00	0.00	-	-	110	<0.5	<0.5	<0.5	<0.5	-	11	<50	-	-	-	-
MW-7	12/10/2009	10.58	6.93	3.65	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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FORMER CHEVRON SERVICE STATION 9-1851
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							HYDROCARBONS			*PRIMARY VOCS*						*ADDITIONAL VOCS*				
Location	Date	*TOC*	*DTW*	*GWE*	*LNAPLT*	*LNAPL REMOVED*	*Motor Oil*	*TPH-DRO*	*TPH-GRO*	*B*	*T*	*E*	*X*	*MTBE*	*MTBE by SW8260*	*Ethanol*	*TBA*	*DIPE*	*ETBE*	*TAME*
	Units	*ft*	*ft*	*ft-amsl*	*ft*	*gal*	*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	03/08/2010	10.58	5.70	4.88	0.00	0.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	7	<50	-	-	-	-
MW-7	06/06/2010	10.58	5.56	5.02	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-7	09/02/2010	10.58	5.87	4.71	0.00	0.00	390	-	<50	<0.5	<0.5	<0.5	<0.5	-	7	<50	-	-	-	-
MW-7	12/09/2010[Z5]	10.58	5.44	5.14	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-7	**03/23/2011**	**10.58**	**4.64**	**5.94**	**0.00**	**0.00**	**480**	**-**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**-**	**4**	**<50**	**-**	**-**	**-**	**-**
QA	12/10/2001	-	-	-	-	-	-	-	<50	<0.50	<0.50	<0.50	<1.5	<2.5	-	-	-	-	-	-
QA	03/04/2002	-	-	-	-	-	-	-	<50	<0.50	<0.50	<0.50	<1.5	<2.5	-	-	-	-	-	-
QA	06/03/2002	-	-	-	-	-	-	-	<50	<0.50	<0.50	<0.50	<1.5	<2.5	-	-	-	-	-	-
QA	09/14/2002	-	-	-	-	-	-	-	<50	<0.50	<0.50	<0.50	<1.5	<2.5	-	-	-	-	-	-
QA	12/13/2002	-	-	-	-	-	-	-	<50	<0.50	<0.50	<0.50	<1.5	<2.5	-	-	-	-	-	-
QA	03/14/2003	-	-	-	-	-	-	-	<50	<0.50	<0.50	<0.50	<1.5	<2.5	-	-	-	-	-	-
QA	06/09/2003[13]	-	-	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	-	-
QA	09/03/2003[13]	-	-	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	-	-
QA	12/01/2003[13]	-	-	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	-	-
QA	03/01/2004[13]	-	-	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	-	-
QA	06/02/2004[13]	-	-	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	-	-
QA	09/03/2004[13]	-	-	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	-	-
QA	12/20/2004[13]	-	-	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	-	-
QA	03/12/2005[13]	-	-	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	-	-
QA	06/28/2005[13]	-	-	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	-	-
QA	09/01/2005[13]	-	-	-	-	-	-	-	<50	<0.5	315[15]	<0.5	215[15]	-	<0.5	-	-	-	-	-
QA	12/01/2005[13]	-	-	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	-	-
QA	03/04/2006[13]	-	-	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	-	-
QA	06/01/2006[13]	-	-	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	-	-
QA	09/01/2006[13]	-	-	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	-	-
QA	12/15/2006[13]	-	-	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	-	-
QA	03/15/2007[13]	-	-	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	-	-
QA	06/15/2007[13]	-	-	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	-	-

TABLE 1

GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 9-1851
451 HEGENBERGER ROAD
OAKLAND, CALIFORNIA

							HYDROCARBONS			PRIMARY VOCS						ADDITIONAL VOCS				
Location	Date	TOC	DTW	GWE	LNAPLT	LNAPL REMOVED	Motor Oil	TPH-DRO	TPH-GRO	B	T	E	X	MTBE	MTBE by SW8260	Ethanol	TBA	DIPE	ETBE	TAME
	Units	ft	ft	ft-amsl	ft	gal	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	09/06/2007[13]	-	-	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	-	-
QA	12/07/2007[13]	-	-	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	-	-
QA	03/07/2008[13]	-	-	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	-	-
QA	06/24/2008[13]	-	-	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	-	-
QA	09/11/2008[13]	-	-	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	-	-
QA	12/19/2008[13]	-	-	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	-	-
QA	06/01/2009	-	-	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	-	-
QA	09/30/2009	-	-	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	-	-
QA	12/10/2009	-	-	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	-	-
QA	03/08/2010	-	-	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	-	-
QA	06/06/2010	-	-	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	-	-
QA	09/02/2010	-	-	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	-	-
QA	12/09/2010	-	-	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	-	-
QA	**03/23/2011**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**-**	**<0.5**	**-**	**-**	**-**	**-**	**-**
Trip Blank	03/29/1996	-	-	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-
Trip Blank	06/26/1996	-	-	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5	-	-	-	-	-	-
Trip Blank	09/25/1996	-	-	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5	-	-	-	-	-	-
Trip Blank	12/17/1996	-	-	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5	-	-	-	-	-	-
Trip Blank	03/20/1997	-	-	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5	-	-	-	-	-	-
Trip Blank	06/20/1997	-	-	-	-	-	-	-	<50	<2.0	<2.0	<2.0	<2.0	-	-	-	-	-	-	-
Trip Blank	09/09/1997	-	-	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5	-	-	-	-	-	-
Trip Blank	12/12/1997	-	-	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5	-	-	-	-	-	-
Trip Blank	02/19/1998	-	-	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5	-	-	-	-	-	-
Trip Blank	06/23/1998	-	-	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5	-	-	-	-	-	-
Trip Blank	08/31/1998	-	-	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5	-	-	-	-	-	-
Trip Blank	12/29/1998	-	-	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<2.0	-	-	-	-	-	-
Trip Blank	03/11/1999	-	-	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<5.0	-	-	-	-	-	-
Trip Blank	06/24/1999	-	-	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<5.0	-	-	-	-	-	-

TABLE 1

GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 9-1851
451 HEGENBERGER ROAD
OAKLAND, CALIFORNIA

							HYDROCARBONS			PRIMARY VOCS						ADDITIONAL VOCS				
Location	Date	TOC	DTW	GWE	LNAPLT	LNAPL REMOVED	Motor Oil	TPH-DRO	TPH-GRO	B	T	E	X	MTBE	MTBE by SW8260	Ethanol	TBA	DIPE	ETBE	TAME
	Units	ft	ft	ft-amsl	ft	gal	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	09/29/1999	-	-	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5	-	-	-	-	-	-
Trip Blank	12/08/1999	-	-	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<5.0	-	-	-	-	-	-
Trip Blank	03/01/2000	-	-	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5	-	-	-	-	-	-
Trip Blank	06/19/2000	-	-	-	-	-	-	-	<50	<0.50	<0.50	<0.50	<0.50	<2.5	-	-	-	-	-	-
Trip Blank	09/30/2000	-	-	-	-	-	-	-	<50	<0.50	<0.50	<0.50	<0.50	<2.5	-	-	-	-	-	-
Trip Blank	10/05/2000	-	-	-	-	-	-	-	<50	<0.50	<0.50	<0.50	<0.50	<2.5	-	-	-	-	-	-
Trip Blank	12/08/2000	-	-	-	-	-	-	-	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	-	-	-	-	-	-
Trip Blank	03/03/2001[11]	-	-	-	-	-	-	-	<50	<0.50	<0.50	<0.50	<0.50	<2.5	-	-	-	-	-	-
Trip Blank	06/19/2001	-	-	-	-	-	-	-	<50	<0.50	<0.50	<0.50	<0.50	<2.5	-	-	-	-	-	-
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.
LNAPLT = Light non-aqueous phase liquid thickness.
TPH-DRO = Total petroleum hydrocarbons - diesel range organics.
TPH-GRO = Total petroleum hydrocarbons - gasoline range organics.
VOCS = Volatile Organic Compounds
BTEX = Benzene, toluene, ethylbenzene, xylenes.
MTBE = Methyl tertiary butyl ether.
TBA = Tertiary butyl alcohol.
DIPE = Di-isopropyl ether.
ETBE = Ethyl tertiary butyl ether.
TAME = Tert amyl methyl ether.
Ft = Feet.
Ft-amsl = Feet above mean sea level.

TABLE 1

GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 9-1851
451 HEGENBERGER ROAD
OAKLAND, CALIFORNIA

							HYDROCARBONS			PRIMARY VOCS						ADDITIONAL VOCS				
Location	Date	TOC	DTW	GWE	LNAPLT	LNAPL REMOVED	Motor Oil	TPH-DRO	TPH-GRO	B	T	E	X	MTBE	MTBE by SW8260	Ethanol	TBA	DIPE	ETBE	TAME
	Units	ft	ft	ft-amsl	ft	gal	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

Gal = Gallons.
µg/L = Micrograms per liter.
- = Not analyzed/not applicable.
<x = Not detected above laboratory method detection limit x.
J = Estimated value.

* TOC elevations were surveyed on November 15, 2000, by Virgil Chavez Land Surveying. The benchmark for the survey was the letter "O" in Oakland on an inlet in the westerly curb of Oakport Road, 150' southerly of the end of curve. (Benchmark Elevation = 7.82 feet, msl).

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

1 Laboratory report indicates gasoline C6-C12.

2 MTBE by EPA Method 8260.

3 Results of EPA 8010 test indicates that the detection of 1,1-Dichloroethane (1,1-DCA) was detected at 1.7 ppb.

4 Chromatogram pattern indicates an unidentified hydrocarbon.

5 Results of EPA 8015 test indicates that levels of Methanol and Methyl ethyl ketone are respectively <1000 and <200 ppb.

6 Confirmation run.

7 Laboratory report indicates unidentified hydrocarbons >C16.

8 Sample analyzed for Total Metals by EPA 200 Series Methods. All Analytes were less then the reporting limit except for Nickel was detected at 0.067 ppm and Zinc was detected at 0.024 ppm.

9 Laboratory report indicates that Semi-Volatile Organic Compounds

10 Data was provided by Delta Environmental Consultants, Inc.

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

12 Laboratory report indicates unidentified hydrocarbons C6-C12.

13 BTEX and MTBE by EPA Method 8260.

14 LNAPL + Water removed.

15 Analytical result confirmed.

16 Probe did not detect LNAPL but was covered with product; LNAPL was confirmed with bailer.

17 Laboratory report indicates due to excessive foaming of the sample, normal reporting limits were not attained.

18 Water plus 15 milliliters of product removed from well.

19 The vial submitted for volatile analysis did not have a pH<2 at the time of analysis, pH = 7.

20 Due to excessive foaming of the sample, normal reporting limits were not attained.

21 Laboratory report indicates the result reported for xylene (total) is possibly the result of carryover from the sample injected prior to this sample.

TABLE 1

GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 9-1851
451 HEGENBERGER ROAD
OAKLAND, CALIFORNIA

							HYDROCARBONS			*PRIMARY VOCS*						*ADDITIONAL VOCS*				
Location	Date	*TOC*	*DTW*	*GWE*	*LNAPLT*	*LNAPL REMOVED*	*Motor Oil*	*TPH-DRO*	*TPH-GRO*	*B*	*T*	*E*	*X*	*MTBE*	*MTBE by SW8260*	*Ethanol*	*TBA*	*DIPE*	*ETBE*	*TAME*
	Units	*ft*	*ft*	*ft-amsl*	*ft*	*gal*	*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*

Since only one vial was submitted, a repeat analysis without headspace could not be performed to confirm the results.

22 Not sampled due to presence of LNAPL.

23 Sampled semi-annually.

24 Inaccessible - car parked over well.

25 Monitoring and sampling occurred on 06/10/2010; however, the sample collection date was incorrectly written on the COC.

ATTACHMENT A

MONITORING DATA PACKAGE

BLAINE™
TECH SERVICES

March 24, 2011

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

First Quarter 2011 Monitoring at
Chevron Service Station 91851
451 Hegenberger Rd.
Oakland, CA

Monitoring performed on March 23, 2011

Blaine Tech Services, Inc. Groundwater Monitoring Event 110323-IW2

This submission covers the routine monitoring of groundwater wells conducted on March 23, 2011 at this location. Six monitoring wells were measured for depth to groundwater (DTW). Five monitoring wells were sampled. Well MW-5 was unable to be accessed due to a parked vehicle over the well. 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.

SAN JOSE 1680 ROGERS AVENUE SAN JOSE, CA 95112-1105 (408) 573-0555 | SACRAMENTO | LOS ANGELES FAX (408) 573-7771 LIC. 746684 | SAN DIEGO 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

SAN JOSE 1680 ROGERS AVENUE SAN JOSE, CA 95112-1105 (408) 573-0555 SACRAMENTO FAX (408) 573-7771 LOS ANGELES LIC. 746684 SAN DIEGO www.blainetech.com

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 dewaters 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 # 110323-IW2 Date 3/23/11 Client CHEVRON

Site 451 HEGENBERGER RD., 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	1008	2					2.33	14.52		
MW-2	1055	2	ODOR	3.34	0.04	———	3.38	———		
MW-3	1044	2					3.25	14.63		
MW-4	1036	2					5.12	15.01		
MW-5	~~1027~~ IW	WELL PARKED OVER. UNABLE TO LOCATE OWNER								
MW-6	1012	2					2.62	9.93		
MW-7	1019	2					4.64	13.25		

CHEVRON WELL MONITORING DATA SHEET

Project #: 110323 -IW2	Station #: 9-1851
Sampler: IW	Date: 3/23/11
Weather: PERIODIC SHOWERS	Ambient Air Temperature: 56°
Well I.D.: MW-1	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 14.92	Depth to Water: 2.33
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]: 4.77	

Purge Method:

- Bailer
- (Disposable Bailer)
- Positive Air Displacement
- Electric Submersible
- Waterra
- Peristaltic
- Extraction Pump
- Other____

Sampling Method: Bailer

- (Disposable Bailer)
- Extraction Port
- Dedicated Tubing
- Other: ____

2.0 (Gals.) X 3 = 6.0 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	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1110	60.2	6.89	1844	99	2.0	
1116	61.9	6.89	1786	121	4.0	
1122	62.1	6.86	1772	144	6.0	

Did well dewater? Yes (No) Gallons actually evacuated: 6.0

Sampling Date: 3/23/11 Sampling Time: 1125 Depth to Water: 3.06

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 #: 110323-IW2	Station #: 9-1851
Sampler: IW	Date: 3/23/11
Weather: PERIODIC SHOWERS	Ambient Air Temperature: 57°
Well I.D.: MW-2	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: ____	Depth to Water: 3.38
Depth to Free Product: 3.34	Thickness of Free Product (feet): 0.04
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: ____	

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: ____

____ (Gals.) X 3 = ____ Gals.

1 Case Volume | Specified Volumes | Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
* PRODUCT IN WELL			= 0.04'	THICK.		
	* WELL GAUGED		W/ INTERFACE	PROBE		
* NO SAMPLE TAKEN.						

Did well dewater? Yes No Gallons actually evacuated:

Sampling Date: 3/23/11 Sampling Time: Depth to Water:

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:	mV

CHEVRON WELL MONITORING DATA SHEET

Project #: 110323-IW2	Station #: 9-1851
Sampler: IW	Date: 3/23/11
Weather: PERIODIC SHOWERS	Ambient Air Temperature: 62.0
Well I.D.: MW-3	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 14.63	Depth to Water: 3.25
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]: 5.53	

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: ____

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

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1346	61.9	7.05	7029	324	1.9	
1352	62.1	6.98	8169	521	3.8	
1358	62.4	6.96	8188	418	5.7	

Did well dewater? Yes (No) Gallons actually evacuated: 5.7

Sampling Date: 3/23/11 Sampling Time: 1410 Depth to Water: 5.21

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 #: 110323-IW2	Station #: 9-1851
Sampler: IW	Date: 3/23/11
Weather: PERIODIC SHOWERS	Ambient Air Temperature: 60°
Well I.D.: MW-4	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 15.01	Depth to Water: 5.12
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]: 7.10	

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: ____

1.6 (Gals.) X 3 = 4.8 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	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1258	65.1	6.91	2797	68	1.6	
1304	65.6	7.03	5369	18	3.2	
1311	65.9	7.06	5390	30	4.8	

Did well dewater? Yes (No) Gallons actually evacuated: 4.8

Sampling Date: 3/23/11 Sampling Time: 1320 Depth to Water: 6.52

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 #: 110323-IW2	Station #: 9-1851
Sampler: IW	Date: 3/23/11
Weather: PERIODIC SHOWERS	Ambient Air Temperature:
Well I.D.: MW-5	Well Diameter: 2 3 4 6 8 ____
Total Well Depth:	Depth to Water:
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]:	

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: _____

_____ (Gals.) X 3 = _____ Gals.
1 Case Volume | Specified Volumes | Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
* WELL PARKED OVER. UNABLE TO LOCATE OWNER.						
* NO SAMPLE TAKEN						

Did well dewater?	Yes	No	Gallons actually evacuated:		
Sampling Date: 3/23/11	Sampling Time:		Depth to Water:		
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	
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV	

CHEVRON WELL MONITORING DATA SHEET

Project #: 110323-IW2	Station #: 9-1851
Sampler: IW	Date: 3/23/11
Weather: PERIODIC SHOWERS	Ambient Air Temperature: 56°
Well I.D.: MW-6	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 9.93	Depth to Water: 2.62
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]: 4.09	

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: ____

1.2 (Gals.) X 3 = 3.6 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
1140	56.7	7.32	426	597	1.2	
1144	58.0	7.22	1253	>1000	2.4	
1148	58.0	7.18	1278	>1000	3.6	DTW = 8.92

Did well dewater? Yes (No) Gallons actually evacuated: 3.6

Sampling Date: 3/23/11 Sampling Time: 1215 Depth to Water: 3.98 (WATER)

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):	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 #: 110323 - IW2	Station #: 9-1851
Sampler: IW	Date: 3/23/11
Weather: PERIODIC SHOWERS	Ambient Air Temperature: 58°
Well I.D.: MW-7	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 13.25	Depth to Water: 4.64
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]: 6.37	

Purge Method:

Bailer	Waterra	
(Disposable Bailer)	Peristaltic	
Positive Air Displacement	Extraction Pump	
Electric Submersible	Other____	

Sampling Method: Bailer

(Disposable Bailer)
Extraction Port
Dedicated Tubing
Other: ____

1.4 (Gals.) X	3	= 4.2 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	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
1227	58.3	7.06	656	>1000	1.4	
1231	58.6	6.98	635	>1000	2.8	
1236	58.7	6.96	629	>1000	4.2	DTW = 6.82

Did well dewater? Yes (No) Gallons actually evacuated: ~~5.75~~ IW 4.2

Sampling Date: 3/23/11 Sampling Time: 1240 Depth to Water: 5.75

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

408 573 7771 US2511 -C 1

CHAIN OF CUSTODY FORM

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

COC 1 of 1

Chevron Site Number: 91851
Chevron Site Global ID: T0600012238
Chevron Site Address: 451 Hegenberger Rd.,
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,
CAConsultant Contact: Nathan Lee
Consultant Phone No. 510-420-3351
Consultant Project No. 110323 - IW2
Sampling Company: Blaine Tech Services
Sampled By (Print): IAN WILLIAMS
Sampler Signature:

Charge Code: NWRTB-0091851-0-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.
1006	1°
1265	1°
1400	1°

ANALYSES REQUIRED

SAMPLE ID: Field Point Name	Matrix	Top Depth	Date (yymmdd)	Sample Time	# of Containers	Container Type	EPA 8260B/GC/MS BTEX ☒ MTBE ☒ OXYGENATES ☐ HVOC ☐ TPH-G ☐	EPA 8015B GRO ☒ DRO ☐ ORO ☐ HC SCREEN ☐	EPA 8021B BTEX ☐ MTBE ☐	EPA 6010 Ca, Fe, K, Mg, Mn, Na	EPA6010/7000 TITLE 22 METALS ☐ TTLC ☐ STLC ☐	EPA150.1 PH ☐	EPA 310.1 ALKALINITY ☐	SM2510B SPECIFIC CONDUCTIVITY	EPA 418.1 TRPH ☐	EPA 413.1 OIL & GREASE ☐	EPA 8260 ETHANOL	EPA 8015 TPH-D ☐	TPH mo
QA	T		110323	1000	2	HCL VOAS	X	X											
MW-1	W			1125	8	MIXED	X	X								X		X	
MW-3	W			1410	8	MIXED	X	X								X		X	
MW-4	W			1320	8	MIXED	X	X								X		X	
MW-6	W			1215	8	MIXED	X	X								X		X	
MW-7	W		↓	1240	8	MIXED	X	X								X		X	

Preservation Codes
H = HCL T= Thiosulfate
N = HNO_3 B = NaOH
S = H_2SO_4 O = Other

Special Instructions
Must meet lowest detection limits possi. for 8260 Compounds

Notes/Comments

Relinquished By	Company	Date/Time
	BLAINE TECH	3/23/11 1430
Relinquished By	Company	Date/Time
Relinquished By	Company	Date/Time

Relinquished To	Company	Date/Time
	CLI	3/23/11 1430
Relinquished To	Company	Date/Time
Relinquished To	Company	Date/Time

Turnaround Time:
Standard ☒ 24 Hours ☐ 48 hours ☐ 72 Hours ☐ Other ☐

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

WELLHEAD INSPECTION CHECKLIST

Client CHEVRON Date 3/23/11

Site Address 451 HEGENBERGER RD., OAKLAND, CA

Job Number 110323-IW2 Technician IW

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		X	X	X				X		
MW-2	X	X	X	X				~~X~~ IW		
MW-3		X	X	X	X			X		
MW-4		X	X	X				X		
MW-5	PARKED OVER			~~X~~ IW					X	
MW-6	X	X	X							
MW-7	X	X	X							

NOTES: MW-1: WELL LID BROKEN IN 3 PIECES, 3/3 TABS STRIPPED.

MW-3: LID CHIPPED, NO BOLTS, 2/2 TABS STRIPPED.

MW-4: 1/2 TABS STRIPPED.

MW-5: PARKED OVER, UNABLE TO ACCESS.

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:

9-1851 — DAVE PATTEN

CHEVRON # — Chevron Engineer

451 HEGENBERGER RD., OAKLAND, CA

street number — street name — city — state

WELL I.D.	GALS.	WELL I.D.	GALS.
MW-1	6.0		
MW-3	5.7		
MW-4	4.8		
MW-6	3.6		
MW-7	4.2		

added equip. rinse water / 2.0

any other adjustments /

TOTAL GALS. RECOVERED 26.5

loaded onto BTS vehicle # 81

BTS event # 110323-IW2 — time 1433 — date 3/23/11

signature

****

REC'D AT BTS SAN JOSE — time 1530 — date 3/23/11

unloaded by signature

TEST EQUIPMENT CALIBRATION LOG

PROJECT NAME	CHEVRON @ 451 HEGENBERGER RD, OAKLAND, CA			PROJECT NUMBER	110323-IW2		
EQUIPMENT NAME	EQUIPMENT NUMBER	DATE/TIME OF TEST	STANDARDS USED	EQUIPMENT READING	CALIBRATED TO: OR WITHIN 10%:	TEMP.	INITIALS
MYRON L ULTRAMETER	6212448	3/23/11 / 0940	= 3900 uS →	= 3899 uS	YES	15.6	IW
			= 7.00 = 10.00 pH → = 4.00	= 6.98 = 10.01 pH = 4.00	YES	15.1	IW

ATTACHMENT B

LABORATORY ANALYTICAL REPORT

Lancaster Laboratories

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

Analysis 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

April 04, 2011

Project: 91851

Submittal Date: 03/24/2011
Group Number: 1238760
PO Number: 0015074399
Release Number: PATTEN
State of Sample Origin: CA

Client Sample Description	Lancaster Labs (LLI) #
QA-T-110323 NA Water	6238130
MW-1-W-110323 NA Water	6238131
MW-3-W-110323 NA Water	6238132
MW-4-W-110323 NA Water	6238133
MW-6-W-110323 NA Water	6238134
MW-7-W-110323 NA Water	6238135

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

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Analysis Report

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

Respectfully Submitted,

Sarah M. Snyder
Senior Specialist

Lancaster Laboratories

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Analysis Report

Sample Description: **QA-T-110323 NA Water**
Facility #91851 BTST
451 Hegenberger-Oakland T0600102238 QA

LLI Sample # WW 6238130
LLI Group # 1238760
Account # 10991

Project Name: 91851

Collected: 03/23/2011 10:00

Submitted: 03/24/2011 09:45
Reported: 04/04/2011 10:48

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

QA-HO

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

General Sample Comments

State of California Lab Certification No. 2501

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX/MTBE 8260 Water	SW-846 8260B	1	F110843AA	03/25/2011 18:36	Kelly E Keller	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F110843AA	03/25/2011 18:36	Kelly E Keller	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	11087C20A	03/29/2011 13:59	Elizabeth J Marin	1
01146	GC VOA Water Prep	SW-846 5030B	1	11087C20A	03/29/2011 13:59	Elizabeth J Marin	1

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

Lancaster Laboratories

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Analysis Report

Sample Description: MW-1-W-110323 NA Water
Facility #91851 BTST
451 Hegenberger-Oakland T0600102238 MW-1

LLI Sample # WW 6238131
LLI Group # 1238760
Account # 10991

Project Name: 91851

Collected: 03/23/2011 11:25 by IW

Submitted: 03/24/2011 09:45
Reported: 04/04/2011 10:48

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

HOMW1

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	**ug/l**	
10943	Benzene	71-43-2	N.D.	0.5	1	1
10943	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	3	0.5	1	1
10943	Toluene	108-88-3	N.D.	0.5	1	1
10943	Xylene (Total)	1330-20-7	N.D.	0.5	1	1
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	**ug/l**	
01728	TPH-GRO N. CA water C6-C12	n.a.	N.D.	50	100	1
GC Extractable TPH	**SW-846 8015B modified**		**ug/l**	**ug/l**	**ug/l**	
02500	Total TPH	n.a.	1,100	39	120	1
02500	TPH Motor Oil C16-C36	n.a.	1,100	39	120	1

TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.

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	F110843AA	03/25/2011 20:03	Kelly E Keller	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F110843AA	03/25/2011 20:03	Kelly E Keller	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	11087C20A	03/29/2011 19:26	Elizabeth J Marin	1
01146	GC VOA Water Prep	SW-846 5030B	1	11087C20A	03/29/2011 19:26	Elizabeth J Marin	1
02500	TPH Fuels by GC (Waters)	SW-846 8015B modified	1	110870024A	03/30/2011 00:26	Heather E Williams	1
11191	TPH Fuels Waters Extraction	SW-846 3510C	1	110870024A	03/29/2011 08:00	Catherine R Wiker	1

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

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Analysis Report

Sample Description: MW-3-W-110323 NA Water
Facility #91851 BTST
451 Hegenberger-Oakland T0600102238 MW-3

LLI Sample # WW 6238132
LLI Group # 1238760
Account # 10991

Project Name: 91851

Collected: 03/23/2011 14:10 by IW

Submitted: 03/24/2011 09:45
Reported: 04/04/2011 10:48

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

HOMW3

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	**ug/l**	
10943	Benzene	71-43-2	N.D.	0.5	1	1
10943	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	2	0.5	1	1
10943	Toluene	108-88-3	N.D.	0.5	1	1
10943	Xylene (Total)	1330-20-7	N.D.	0.5	1	1
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	**ug/l**	
01728	TPH-GRO N. CA water C6-C12	n.a.	N.D.	50	100	1
GC Extractable TPH	**SW-846 8015B modified**		**ug/l**	**ug/l**	**ug/l**	
02500	Total TPH	n.a.	4,600	81	240	2
02500	TPH Motor Oil C16-C36	n.a.	4,600	81	240	2

TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.

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	F110843AA	03/25/2011 20:25	Kelly E Keller	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F110843AA	03/25/2011 20:25	Kelly E Keller	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	11087C20A	03/29/2011 19:48	Elizabeth J Marin	1
01146	GC VOA Water Prep	SW-846 5030B	1	11087C20A	03/29/2011 19:48	Elizabeth J Marin	1
02500	TPH Fuels by GC (Waters)	SW-846 8015B modified	1	110870024A	03/31/2011 08:27	Heather E Williams	2
11191	TPH Fuels Waters Extraction	SW-846 3510C	1	110870024A	03/29/2011 08:00	Catherine R Wiker	1

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

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Analysis Report

Sample Description: MW-4-W-110323 NA Water
Facility #91851 BTST
451 Hegenberger-Oakland T0600102238 MW-4

LLI Sample # WW 6238133
LLI Group # 1238760
Account # 10991

Project Name: 91851

Collected: 03/23/2011 13:20 by IW

Submitted: 03/24/2011 09:45
Reported: 04/04/2011 10:48

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

HOMW4

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	**ug/l**	
10943	Benzene	71-43-2	N.D.	0.5	1	1
10943	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	16	0.5	1	1
10943	Toluene	108-88-3	N.D.	0.5	1	1
10943	Xylene (Total)	1330-20-7	N.D.	0.5	1	1
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	**ug/l**	
01728	TPH-GRO N. CA water C6-C12	n.a.	N.D.	50	100	1
GC Extractable TPH	**SW-846 8015B modified**		**ug/l**	**ug/l**	**ug/l**	
02500	Total TPH	n.a.	500	40	120	1
02500	TPH Motor Oil C16-C36	n.a.	500	40	120	1

TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.

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	F110843AA	03/25/2011 20:47	Kelly E Keller	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F110843AA	03/25/2011 20:47	Kelly E Keller	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	11087C20A	03/29/2011 20:10	Elizabeth J Marin	1
01146	GC VOA Water Prep	SW-846 5030B	1	11087C20A	03/29/2011 20:10	Elizabeth J Marin	1
02500	TPH Fuels by GC (Waters)	SW-846 8015B modified	1	110870024A	03/30/2011 00:52	Heather E Williams	1
11191	TPH Fuels Waters Extraction	SW-846 3510C	1	110870024A	03/29/2011 08:00	Catherine R Wiker	1

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

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Analysis Report

Sample Description: MW-6-W-110323 NA Water
Facility #91851 BTST
451 Hegenberger-Oakland T0600102238 MW-6

LLI Sample # WW 6238134
LLI Group # 1238760
Account # 10991

Project Name: 91851

Collected: 03/23/2011 12:15 by IW

Submitted: 03/24/2011 09:45
Reported: 04/04/2011 10:48

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

HOMW6

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	**ug/l**	
10943	Benzene	71-43-2	N.D.	0.5	1	1
10943	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	2	0.5	1	1
10943	Toluene	108-88-3	N.D.	0.5	1	1
10943	Xylene (Total)	1330-20-7	N.D.	0.5	1	1
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	**ug/l**	
01728	TPH-GRO N. CA water C6-C12	n.a.	N.D.	50	100	1
GC Extractable TPH	**SW-846 8015B modified**		**ug/l**	**ug/l**	**ug/l**	
02500	Total TPH	n.a.	180	41	120	1
02500	TPH Motor Oil C16-C36	n.a.	180	41	120	1

TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.

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	F110843AA	03/25/2011 21:08	Kelly E Keller	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F110843AA	03/25/2011 21:08	Kelly E Keller	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	11087C20A	03/29/2011 20:32	Elizabeth J Marin	1
01146	GC VOA Water Prep	SW-846 5030B	1	11087C20A	03/29/2011 20:32	Elizabeth J Marin	1
02500	TPH Fuels by GC (Waters)	SW-846 8015B modified	1	110870024A	03/30/2011 01:18	Heather E Williams	1
11191	TPH Fuels Waters Extraction	SW-846 3510C	1	110870024A	03/29/2011 08:00	Catherine R Wiker	1

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

Lancaster Laboratories

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Analysis Report

Sample Description: MW-7-W-110323 NA Water
Facility #91851 BTST
451 Hegenberger-Oakland T0600102238 MW-7

LLI Sample # WW 6238135
LLI Group # 1238760
Account # 10991

Project Name: 91851

Collected: 03/23/2011 12:40 by IW

Submitted: 03/24/2011 09:45
Reported: 04/04/2011 10:48

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

HOMW7

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	**ug/l**	
10943	Benzene	71-43-2	N.D.	0.5	1	1
10943	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	4	0.5	1	1
10943	Toluene	108-88-3	N.D.	0.5	1	1
10943	Xylene (Total)	1330-20-7	N.D.	0.5	1	1
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	**ug/l**	
01728	TPH-GRO N. CA water C6-C12	n.a.	N.D.	50	100	1
GC Extractable TPH	**SW-846 8015B modified**		**ug/l**	**ug/l**	**ug/l**	
02500	Total TPH	n.a.	480	39	120	1
02500	TPH Motor Oil C16-C36	n.a.	480	39	120	1

TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.

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	F110843AA	03/25/2011 21:30	Kelly E Keller	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F110843AA	03/25/2011 21:30	Kelly E Keller	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	11087C20A	03/29/2011 20:53	Elizabeth J Marin	1
01146	GC VOA Water Prep	SW-846 5030B	1	11087C20A	03/29/2011 20:53	Elizabeth J Marin	1
02500	TPH Fuels by GC (Waters)	SW-846 8015B modified	1	110870024A	03/30/2011 01:43	Heather E Williams	1
11191	TPH Fuels Waters Extraction	SW-846 3510C	1	110870024A	03/29/2011 08:00	Catherine R Wiker	1

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Analysis Report

Quality Control Summary

Client Name: Chevron Group Number: 1238760
Reported: 04/04/11 at 10:48 AM

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

Analysis Name	Blank Result	Blank MDL**	Blank LOQ	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: F110843AA	Sample number(s): 6238130-6238135								
Benzene	N.D.	0.5	1	ug/l	95		79-120		
Ethanol	N.D.	50.	250	ug/l	94		54-149		
Ethylbenzene	N.D.	0.5	1	ug/l	94		79-120		
Methyl Tertiary Butyl Ether	N.D.	0.5	1	ug/l	91		76-120		
Toluene	N.D.	0.5	1	ug/l	93		79-120		
Xylene (Total)	N.D.	0.5	1	ug/l	93		80-120		
Batch number: 11087C20A	Sample number(s): 6238130-6238135								
TPH-GRO N. CA water C6-C12	N.D.	50.	100	ug/l	118	127	75-135	7	30
Batch number: 110870024A	Sample number(s): 6238131-6238135								
Total TPH	N.D.	40.	120	ug/l	88	89	60-120	1	20
TPH Motor Oil C16-C36	N.D.	40.	120	ug/l					

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

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: F110843AA	Sample number(s): 6238130-6238135 UNSPK: P238094								
Benzene	108	105	80-126	3	30				
Ethanol	99	118	53-146	18	30				
Ethylbenzene	109	105	71-134	3	30				
Methyl Tertiary Butyl Ether	97	95	72-126	2	30				
Toluene	103	100	80-125	3	30				
Xylene (Total)	106	103	79-125	3	30				

Surrogate Quality Control

Surrogate recoveries which are outside of the QC window are confirmed unless attributed to dilution or otherwise noted on the Analysis Report.

Analysis Name: UST VOCs by 8260B - Water
Batch number: F110843AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
6238130	98	99	99	92

*- 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 Group Number: 1238760
Reported: 04/04/11 at 10:48 AM

Surrogate Quality Control

6238131	98	101	98	93
6238132	98	98	98	92
6238133	96	99	99	92
6238134	97	98	98	92
6238135	97	98	99	91
Blank	100	98	99	93
LCS	98	98	97	98
MS	95	102	100	105
MSD	96	98	99	105
Limits:	80-116	77-113	80-113	78-113

Analysis Name: TPH-GRO N. CA water C6-C12
Batch number: 11087C20A

	Trifluorotoluene-F
6238130	76
6238131	75
6238132	72
6238133	67
6238134	66
6238135	65
Blank	75
LCS	116
LCSD	125
Limits:	63-135

Analysis Name: TPH Fuels by GC (Waters)
Batch number: 110870024A

	Chlorobenzene	Orthoterphenyl
6238131	73	98
6238132	85	84
6238133	89	91
6238134	70	53
6238135	77	87
Blank	82	89
LCS	77	101
LCSD	78	105
Limits:	28-152	52-131

*- 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.

032311-09

CHAIN OF CUSTODY FORM

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

Chevron Site Number: 91851
Chevron Site Global ID: T060012238
Chevron Site Address: 451 Hegenberger Rd.,
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. 510-420-3351
Consultant Project No. 110323-IW2
Sampling Company: Blaine Tech Services
Sampled By (Print): IAN WILLIAMS
Sampler Signature:

Charge Code: NWRTB-0091851-0-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.
1006	1°
1205	1°
1400	1°

ANALYSES REQUIRED

Preservation Codes: H =HCL T= Thiosulfate; N =HNO_3 B = NaOH; S = H_2SO_4 O = Other
Acct #10991
Grp #1238760
Sample # 6238130-35

Special Instructions: Must meet lowest detection limits possible for 8260 Compounds

SAMPLE ID: Field Point Name	Matrix	Top Depth	Date (yymmdd)	Sample Time	# of Containers	Container Type	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	EPA6010/7000 TITLE 22 METALS☐ TTLC☐ STLC☐	EPA150.1 PH☐	EPA 310.1 ALKALINITY☐	SM2510B SPECIFIC CONDUCTIVITY	EPA 418.1 TRPH☐	EPA 413.1 OIL & GREASE☐	EPA 8260 ETHANOL	EPA 8015 TPH-D☐	TPHmo	Notes/Comments
QA	T		110323	1000	2	HCL VOAS	X	X												
MW-1	W			1125	8	MIXED	X	X									X		X	
MW-3	W			1410	8	MIXED	X	X									X		X	
MW-4	W			1320	8	MIXED	X	X									X		X	
MW-6	W			1215	8	MIXED	X	X									X		X	
MW-7	W		↓	1240	8	MIXED	X	X									X		X	

Relinquished By	Company	Date/Time	Relinquished To	Company	Date/Time
	BLAINETECH	3/23/11 1430		CLI	3/23/11 1430
	CLI	1630 3/23/11			

Turnaround Time: Standard☐ 24 Hours☐ 48 hours☐ 72 Hours☐ Other☐

Sample Integrity: (Check by lab on arrival)
Intact: ✓ On Ice: ✓ Temp: 07-14.6

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 limit of quantitation, the smallest amount of analyte which can be reliably determined using this specific test.

> greater than

J estimated value – The result is ≥ 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

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

Inorganic Qualifiers

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

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

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

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