



Catalina Espino Devine
Project Manager
Marketing Business Unit

**Chevron Environmental
Management Company**
6101 Bollinger Canyon Road
San Ramon, CA 94583
Tel (925) 790-3949
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Alameda County Health Care Services
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

Re: Former Chevron Service Station No. 90260
21995 Foothill Boulevard
Hayward, CA

RECEIVED

10:35 am, Aug 22, 2012

Alameda County
Environmental Health

I have reviewed the attached report dated August 20, 2012.

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

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

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

Sincerely,

A handwritten signature in black ink, appearing to read "Catalina", followed by a stylized flourish.

Catalina Espino Devine
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>

August 20, 2012

Reference No. 311915

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

Re: Second Quarter 2012
Groundwater Monitoring and Sampling Report
Chevron Service Station 90260
21995 Foothill Boulevard
Hayward, California
Fuel Leak Case No. RO0000383

Dear Mr. Detterman:

Conestoga-Rovers & Associates (CRA) is submitting this *Second Quarter 2012 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 *Second Quarter Monitoring* report is included as Attachment A. Current groundwater monitoring and sampling data are presented in Table 1. Lancaster Laboratories' *Analytical Results* is included as Attachment B.

Equal
Employment Opportunity
Employer



**CONESTOGA-ROVERS
& ASSOCIATES**

August 20, 2012

Reference No. 311915

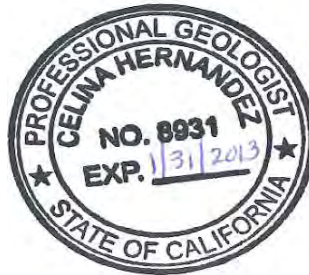
- 2 -

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

Sincerely,

CONESTOGA-ROVERS & ASSOCIATES

Celina Hernandez, PG 8931



CH/cw/39
Encl.

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

cc: Ms. Catalina Espino Devine, Chevron (*electronic copy*)
Mr. Hugh Murphy, City of Hayward Fire Department
Mr. Thomas Wong, Nearby Property Owner

FIGURES

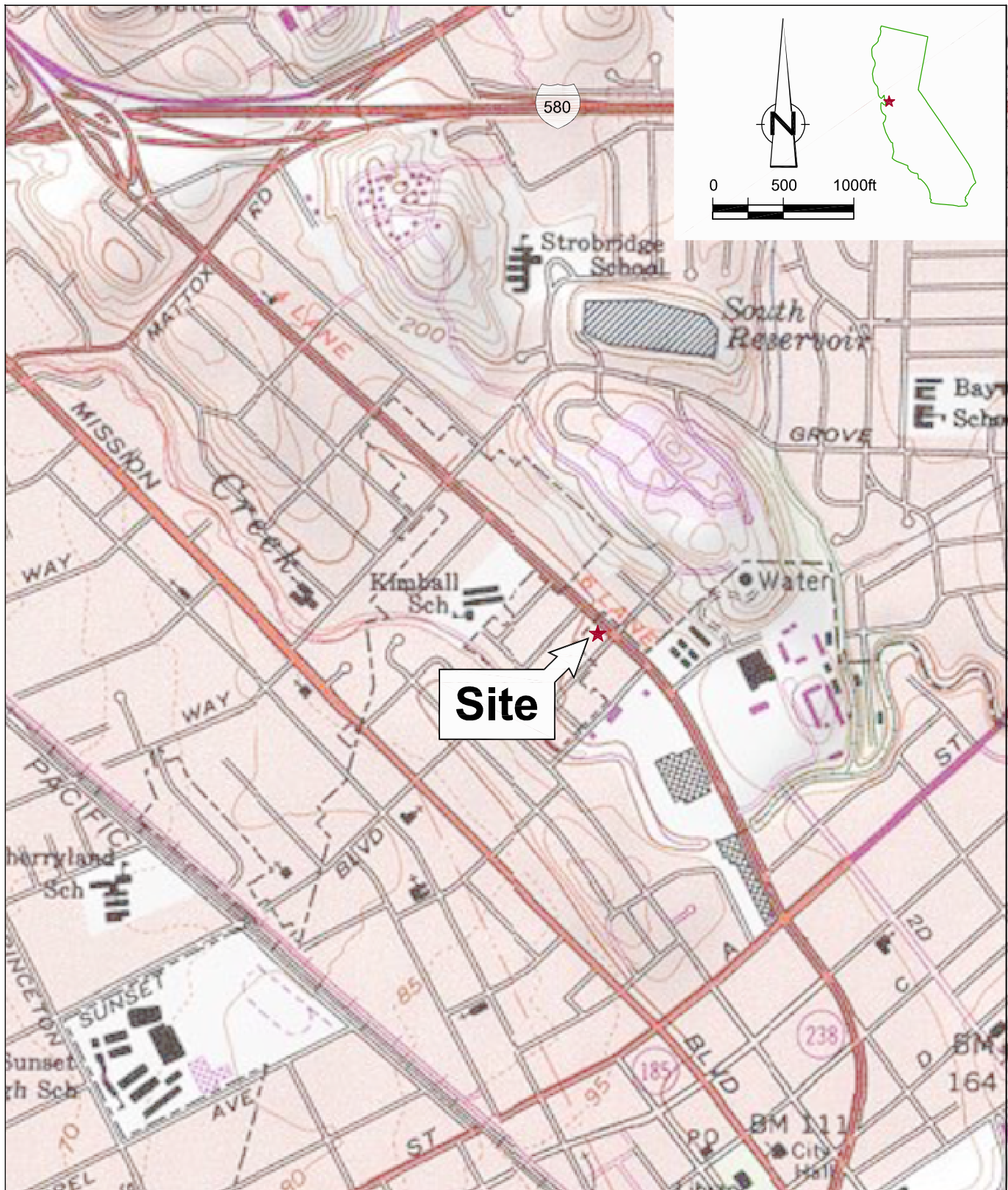


Figure 1
VICINITY MAP
FORMER CHEVRON SERVICE STATION 90260
21995 FOOTHILL BOULEVARD
Hayward, California



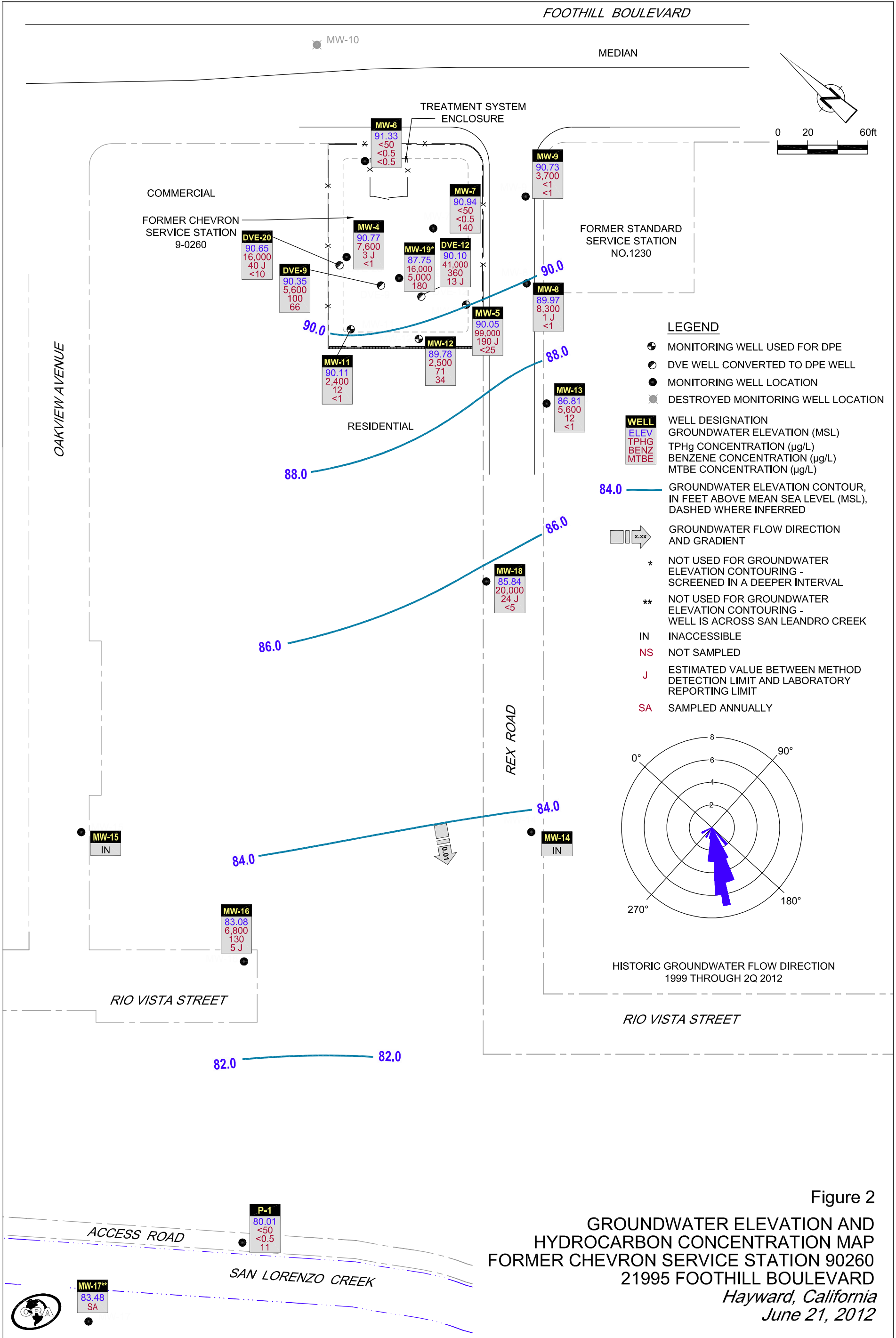


Figure 2
GROUNDWATER ELEVATION AND
HYDROCARBON CONCENTRATION MAP
FORMER CHEVRON SERVICE STATION 90260
21995 FOOTHILL BOULEVARD
Hayward, California
June 21, 2012

TABLES

TABLE 1

**GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 90260
21995 FOOTHILL BOULEVARD
HAYWARD, CALIFORNIA**

Location	Date	TOC	DTW	GWE	LNAPLT	LNAPL REMOVED	HYDROCARBONS	PRIMARY VOCs				ADDITIONAL VOCs	
							TPH-GRO	B	T	E	MTBE by SW8260	EDB	1,2-DCA
	Units	ft	ft	ft-amsl	ft	ft	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MW-4	02/05/1988	-	-	-	-	-	88,000	24,000	19,000	1,700	-	-	-
MW-4	06/15/1988	-	12.92	87.83	-	-	95,000	45,000	30,000	2,100	-	-	-
MW-4	09/27/1988 ¹	100.75	14.22	86.53	-	-	500,000 / 88,000	41,000 / 1,200	27,000 / 4,100	<5,000 / 1,600	-	<5,000 / 230	270
MW-4	01/05/1989	100.75	13.20	87.55	-	-	64,000	41,000	29,000	2,700	-	-	-
MW-4	04/06/1989	100.75	12.32	88.43	-	-	-	-	-	-	-	-	-
MW-4	06/28/1989	100.75	14.25	86.50	-	-	110,000	34,000	24,000	2,400	-	-	-
MW-4	10/03/1989	100.75	14.75	86.00	-	-	240,000	36,000	31,000	3,200	-	-	-
MW-4	01/04/1990	100.75	14.75	86.00	-	-	130,000	33,000	28,000	2,400	-	-	-
MW-4	04/03/1990	100.75	13.81	86.94	-	-	110,000	41,000	32,000	2,900	-	-	-
MW-4	07/03/1990	100.75	14.06	86.69	-	-	180,000	32,000	30,000	2,600	-	-	-
MW-4	11/06/1990	100.75	15.66	85.09	-	-	170,000	31,000	30,000	2,700	-	-	-
MW-4	01/04/1991	100.75	15.18	85.87	-	-	-	-	-	-	-	-	-
MW-4	04/03/1991	100.75	11.00	89.75	-	-	130,000	21,000	24,000	2,300	-	-	-
MW-4	07/02/1991	100.75	14.25	86.50	-	-	-	-	-	-	-	-	-
MW-4	10/02/1991	100.75	16.16	84.59	-	-	240,000	27,000	33,000	2,600	-	-	-
MW-4	01/02/1992	100.75	15.26	85.49	-	-	-	-	-	-	-	-	-
MW-4	04/07/1992	100.75	12.38	88.37	-	-	-	-	-	-	-	-	-
MW-4	08/13/1992	100.75	16.68	84.05	-	-	-	-	-	-	-	-	-
MW-4	12/03/1992	100.73	16.17	84.58	-	-	1,300,000	17,000	41,000	12,000	-	-	-
MW-4	03/25/1993	100.73	10.50	90.23	-	-	-	-	-	-	-	-	-
MW-4	10/04/1994	100.73	12.84	87.89	-	-	-	-	-	-	-	-	-
MW-4	11/14/1994 ³	100.73	-	-	-	-	-	-	-	-	-	-	-
MW-4	05/15/1995	100.73	11.37	89.36	-	-	<50	<0.5	<0.5	<0.5	-	-	-
MW-4	08/04/1995	100.73	12.30	88.43	-	-	-	-	-	-	-	-	-
MW-4	11/28/1995	100.73	14.65	86.08	-	-	97,000	23,000	18,000	1,400	430	-	-
MW-4	02/20/1996 ²⁸	100.73	7.90	92.83	-	-	-	-	-	-	-	-	-
MW-4	05/29/1996	100.73	11.00	89.73	-	-	59,000	11,000	11,000	740	<500	-	-

TABLE 1

**GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 90260
21995 FOOTHILL BOULEVARD
HAYWARD, CALIFORNIA**

Location	Date	TOC	DTW	GWE	LNAPLT	LNAPL REMOVED	HYDROCARBONS	PRIMARY VOCs				ADDITIONAL VOCs	
							TPH-GRO	B	T	E	MTBE by SW8260	EDB	1,2-DCA
Units		ft	ft	ft-amsl	ft	ft	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MW-4	08/27/1996	100.73	13.24	87.49	-	-	-	-	-	-	-	-	-
MW-4	11/22/1996	100.73	11.50	89.23	-	-	130,000	20,000	14,000	1,200	21,000	-	-
MW-4	02/18/1997	100.73	9.47	91.26	-	-	-	-	-	-	-	-	-
MW-4	05/23/1997 ⁴	100.73	12.63	88.10	-	-	120,000	23,000	21,000	1,400	50,000	-	-
MW-4	08/04/1997	100.73	13.22	87.51	-	-	120,000	25,000	22,000	1,600	15,000	-	-
MW-4	11/25/1997 ⁵	100.73	13.90	86.83	-	-	460,000	44,000	45,000	4,000	290,000	-	-
MW-4	02/25/1998 ²⁸	100.73	13.70	87.03	-	-	-	-	-	-	-	-	-
MW-4	05/21/1998	100.73	11.99	88.74	-	-	100,000	11,000	8,600	720	3,100	-	-
MW-4	08/19/1998	100.73	20.03	80.70	-	-	-	-	-	-	-	-	-
MW-4	11/19/1998	100.73	19.68	81.05	-	-	51,000	5,200	8,900	1,200	1,600	-	-
MW-4	02/12/1999	100.73	13.21	87.52	-	-	-	-	-	-	-	-	-
MW-4	05/10/1999	100.73	12.74	87.99	-	-	68,800	9,680	11,500	1,450	2,080 / 328 ⁷	-	-
MW-4	09/02/1999	100.73	15.59	85.14	-	-	-	-	-	-	-	-	-
MW-4	02/03/2000	100.73	12.90	87.83	-	-	-	-	-	-	-	-	-
MW-4	05/09/2000 ¹⁵	100.73	12.72	88.01	0.00	0.00	3,400 ⁸	24	<10	<10	430	-	-
MW-4	08/02/2000 ^{15,28}	100.73	14.55	86.18	0.00	0.00	-	-	-	-	-	-	-
MW-4	11/09/2000 ¹⁵	100.73	15.39	85.34	0.00	0.00	66,700	13,900	12,400	1,460	<250	-	-
MW-4	02/08/2001 ¹⁵	100.73	15.74	84.99	0.00	0.00	-	-	-	-	-	-	-
MW-4	05/02/2001 ¹⁵	100.73	16.49	84.24	0.00	0.00	490,000	2,990	<5,000	<5,000	18.8	-	-
MW-4	08/28/2001 ^{15,28}	100.73	17.96	82.77	0.00	0.00	-	-	-	-	-	-	-
MW-4	11/26/2001 ¹⁵	100.73	15.30	85.43	0.00	0.00	39,000	2,700	2,900	1,200	<100	-	-
MW-4	02/22/2002 ^{15,28}	100.73	11.89	88.84	0.00	0.00	-	-	-	-	-	-	-
MW-4	05/24/2002 ¹⁵	100.73	15.21	85.52	0.00	0.00	55,000	4,300	4,900	1,700	<100	-	-
MW-4	08/29/2002 ^{15,28}	100.73	15.72	85.01	0.00	0.00	-	-	-	-	-	-	-
MW-4	11/29/2002 ¹⁵	100.73	15.23	85.50	0.00	0.00	39,000	3,600	4,200	1,500	<50	-	-
MW-4	02/28/2003 ²⁸	100.73	11.70	89.03	0.00	0.00	-	-	-	-	-	-	-
MW-4	05/30/2003 ¹⁷	100.73	12.39	88.34	0.00	0.00	51,000	4,400	5,200	1,300	5	-	-

TABLE 1

**GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 90260
21995 FOOTHILL BOULEVARD
HAYWARD, CALIFORNIA**

							HYDROCARBONS	PRIMARY VOCs					ADDITIONAL VOCs	
Location	Date	TOC	DTW	GWE	LNAPLT	LNAPL REMOVED	TPH-GRO	B	T	E	MTBE by SW8260	EDB	1,2-DCA	
Units		ft	ft	ft-amsl	ft	ft	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	
MW-4	08/22/2003 ²⁸	100.73	14.55	86.18	0.00	0.00	-	-	-	-	-	-	-	
MW-4	11/24/2003 ¹⁷	100.73	14.97	85.76	0.00	0.00	50,000	3,500	6,300	1,400	1	-	-	
MW-4	02/27/2004 ²⁸	100.73	10.95	89.78	0.00	0.00	-	-	-	-	-	-	-	
MW-4	06/21/2004 ¹⁷	100.73	14.60	86.13	0.00	0.00	61,000	3,900	11,000	2,000	<10	-	-	
MW-4	08/26/2004 ²⁸	100.73	15.47	85.26	0.00	0.00	-	-	-	-	-	-	-	
MW-4	11/29/2004 ¹⁷	100.73	15.09	85.64	0.00	0.00	61,000	1,900	5,000	1,700	<5	-	-	
MW-4	02/11/2005 ³⁵	100.73	-	-	-	-	-	-	-	-	-	-	-	
MW-4	06/16/2005 ¹⁷	100.73	12.05	88.68	0.00	0.00	45,000	1,700	6,300	1,300	<5	-	-	
MW-4	08/31/2005 ²⁸	100.73	11.96	88.77	0.00	0.00	-	-	-	-	-	-	-	
MW-4	11/30/2005 ¹⁷	100.73	15.19	85.54	0.00	0.00	56,000	2,200	7,800	1,400	<10	-	-	
MW-4	02/27/2006 ²⁸	100.73	11.62	89.11	0.00	0.00	-	-	-	-	-	-	-	
MW-4	05/30/2006 ¹⁷	100.73	11.47	89.26	0.00	0.00	36,000	1,200	6,000	1,100	6	-	-	
MW-4	08/29/2006 ²⁸	100.73	13.82	86.91	0.00	0.00	-	-	-	-	-	-	-	
MW-4	12/13/2006 ¹⁷	100.73	12.51	88.22	0.00	0.00	59,000	1,600	10,000	1,900	<10	-	-	
MW-4	02/28/2007 ²⁸	100.73	10.37	90.36	0.00	0.00	-	-	-	-	-	-	-	
MW-4	05/30/2007 ¹⁷	100.73	13.77	86.96	0.00	0.00	550	9	70	12	<0.5	-	-	
MW-4	08/29/2007 ²⁸	100.73	16.89	83.84	0.00	0.00	-	-	-	-	-	-	-	
MW-4	11/21/2007 ¹⁷	103.89	14.77	89.12	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	-	-	
MW-4	02/20/2008 ²⁸	103.89	12.36	91.53	0.00	0.00	-	-	-	-	-	-	-	
MW-4	05/21/2008 ¹⁷	103.89	13.72	90.17	0.00	0.00	17,000	88	1,200	740	5	-	-	
MW-4	06/24/2008 ¹⁷	103.89	14.15	89.74	0.00	0.00	27,000	190	4,100	1,100	9	-	-	
MW-4	08/22/2008 ²⁸	103.89	18.82	85.07	0.00	0.00	-	-	-	-	-	-	-	
MW-4	11/21/2008 ³⁴	103.89	22.15	81.74	0.00	0.00	-	-	-	-	-	-	-	
MW-4	02/03/2009 ²⁸	103.89	21.55	82.34	0.00	0.00	-	-	-	-	-	-	-	
MW-4	05/28/2009	103.89	21.42	82.47	0.00	0.00	10,000	110	260	200	5	-	-	
MW-4	08/06/2009	103.89	15.68	88.21	0.00	0.00	-	-	-	-	-	-	-	
MW-4	11/16/2009	103.89	20.73	83.16	0.00	0.00	20,000	36	290	490	<3	-	-	

TABLE 1

**GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 90260
21995 FOOTHILL BOULEVARD
HAYWARD, CALIFORNIA**

Location	Date	TOC	DTW	GWE	LNAPLT	LNAPL REMOVED	HYDROCARBONS	PRIMARY VOCS				ADDITIONAL VOCS	
							TPH-GRO	B	T	E	MTBE by SW8260	EDB	M2-DCA
Units		ft	ft	ft-amsl	ft	ft	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MW-4	02/02/2010	103.89	10.42	93.47	0.00	0.00	-	-	-	-	-	-	-
MW-4	05/20/2010	103.89	11.21	92.68	0.00	0.00	19,000	35	460	680	2 J	-	-
MW-4	08/23/2010 ²⁸	103.89	14.08	89.81	0.00	0.00	-	-	-	-	-	-	-
MW-4	12/07/2010	103.89	12.90	90.99	0.00	0.00	19,000	23	330	700	<3	-	-
MW-4	02/03/2011 ²⁸	103.89	11.89	92.00	0.00	0.00	-	-	-	-	-	-	-
MW-4	05/06/2011	103.89	11.03	92.86	0.00	0.00	3,500	3	55	120	<0.5	-	-
MW-4	09/16/2011 ²⁸	103.89	13.83	90.06	0.00	0.00	-	-	-	-	-	-	-
MW-4	12/06/2011 ²⁸	103.89	14.17	89.72	0.00	0.00	5,600	1 J	27	150	<1	-	-
MW-4	03/16/2012 ²⁸	103.89	13.00	90.89	0.00	0.00	-	-	-	-	-	-	-
MW-4	06/21/2012	103.89	13.12	90.77	0.00	0.00	7,600	3 J	69	230	<1	-	<1
MW-5	02/05/1988	-	-	-	-	-	80,000	16,000	15,000	2,600	-	-	-
MW-5	06/15/1988	-	12.30	87.67	-	-	77,000	42,000	38,000	2,500	-	-	-
MW-5	09/27/1988 ¹	99.97	13.25	86.72	-	-	470,000 / 48,000	39,000 / 1,800	32,000 / 3,500	<5,000 / 1,600	-	<5,000 / 420	410
MW-5	01/05/1989	99.97	12.70	87.27	-	-	82,000	44,000	37,000	2,400	-	-	-
MW-5	04/06/1989	99.97	12.22	87.75	-	-	-	-	-	-	-	-	-
MW-5	06/28/1989	99.97	13.81	86.16	-	-	80,000	36,000	24,000	2,400	-	-	-
MW-5	10/03/1989	99.97	14.27	85.70	-	-	240,000	40,000	35,000	2,600	-	-	-
MW-5	01/04/1990	99.97	14.31	85.66	-	-	130,000	37,000	31,000	2,400	-	-	-
MW-5	04/03/1990	99.97	13.50	86.47	-	-	120,000	41,000	33,000	2,500	-	-	-
MW-5	07/03/1990	99.97	13.64	86.33	-	-	200,000	28,000	25,000	1,800	-	-	-
MW-5	11/06/1990	99.97	15.14	84.83	-	-	370,000	38,000	36,000	4,700	-	-	-
MW-5	01/04/1991	99.97	14.90	85.08	0.01	-	-	-	-	-	-	-	-
MW-5	04/03/1991	99.97	11.56	88.41	-	-	140,000	36,000	32,000	2,700	-	-	-
MW-5	07/02/1991	99.97	13.89	86.08	-	-	-	-	-	-	-	-	-
MW-5	10/02/1991	99.97	15.26	84.71	-	-	230,000	34,000	31,000	2,700	-	-	-
MW-5	01/02/1992	99.97	14.97	85.00	-	-	-	-	-	-	-	-	-

TABLE 1

**GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 90260
21995 FOOTHILL BOULEVARD
HAYWARD, CALIFORNIA**

Location	Date	TOC	DTW	GWE	LNAPLT	LNAPL REMOVED	HYDROCARBONS	PRIMARY VOCS				ADDITIONAL VOCS	
							TPH-GRO	B	T	E	MTBE by SW8260	EDB	1,2-DCA
	Units	ft	ft	ft-amsl	ft	ft	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MW-5	04/07/1992	99.97	13.44	86.53	-	-	220,000	35,000	30,000	2,500	-	-	-
MW-5	08/13/1992	99.97	15.61	84.36	-	-	-	-	-	-	-	-	-
MW-5	12/03/1992 ²	99.97	16.29	83.68	<0.02 ²	-	-	-	-	-	-	-	-
MW-5	03/25/1993	99.97	10.97	89.00	-	-	-	-	-	-	-	-	-
MW-5	06/23/1993	99.97	12.60	87.40	0.04	-	-	-	-	-	-	-	-
MW-5	09/21/1993	99.97	14.00	85.99	0.03	-	-	-	-	-	-	-	-
MW-5	12/02/1993	99.97	14.27	85.73	0.04	-	-	-	-	-	-	-	-
MW-5	03/08/1994	99.97	12.16	87.81	-	-	-	-	-	-	-	-	-
MW-5	06/13/1994	99.97	13.01	87.22	0.32	-	-	-	-	-	-	-	-
MW-5	10/04/1994	99.97	15.56	84.41	-	-	-	-	-	-	-	-	-
MW-5	11/14/1994	99.97	13.35	86.62	-	-	1,100,000	64,000	69,000	9,200	-	-	-
MW-5	05/15/1995	99.97	10.18	89.79	-	-	<50	<0.5	<0.5	<0.5	-	-	-
MW-5	08/04/1995	99.97	11.77	88.20	-	-	-	-	-	-	-	-	-
MW-5	11/28/1995	99.97	14.22	85.75	-	-	320,000	34,000	38,000	5,800	2,000	-	-
MW-5	02/20/1996 ²⁸	99.97	10.37	89.60	Sheen	-	-	-	-	-	-	-	-
MW-5	05/29/1996	99.97	10.89	89.08	-	-	150,000	23,000	25,000	2,200	<500	-	-
MW-5	08/27/1996	99.97	12.75	87.22	-	-	-	-	-	-	-	-	-
MW-5	11/22/1996	99.97	12.47	87.50	-	-	170,000	25,000	27,000	2,000	<500	-	-
MW-5	02/18/1997	99.97	9.51	90.46	-	-	-	-	-	-	-	-	-
MW-5	05/23/1997	99.97	12.25	87.72	-	-	160,000	29,000	34,000	2,900	<250	-	-
MW-5	08/04/1997	99.97	12.88	87.09	-	-	130,000	27,000	31,000	2,500	<500	-	-
MW-5	11/25/1997	99.97	14.81	85.16	-	-	310,000 ⁵	52,000	59,000	5,500	3,300	-	-
MW-5	02/25/1998	99.97	17.46	82.51	-	-	-	-	-	-	-	-	-
MW-5	05/21/1998	99.97	11.60	88.37	-	-	220,000	20,000	26,000	2,000	8,500	-	-
MW-5	08/19/1998	99.97	17.70	82.27	-	-	-	-	-	-	-	-	-
MW-5	11/19/1998 ³⁴	99.97	-	-	-	-	-	-	-	-	-	-	-
MW-5	02/12/1999	99.97	12.79	87.18	-	-	-	-	-	-	-	-	-

TABLE 1

**GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 90260
21995 FOOTHILL BOULEVARD
HAYWARD, CALIFORNIA**

Location	Date	TOC	DTW	GWE	LNAPLT	LNAPL REMOVED	HYDROCARBONS	PRIMARY VOCs				ADDITIONAL VOCs	
							TPH-GRO	B	T	E	MTBE by SW8260	EDB	1,2-DCA
	Units	ft	ft	ft-amsl	ft	ft	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MW-5	05/10/1999	99.97	12.72	87.25	-	-	102,000	13,300	17,200	1,240	7,560 / <250 ⁷	-	-
MW-5	09/02/1999	99.97	14.79	85.18	-	-	-	-	-	-	-	-	-
MW-5	02/03/2000	99.97	13.11	86.86	-	-	-	-	-	-	-	-	-
MW-5	05/09/2000 ¹⁵	99.97	12.69	87.28	0.00	0.00	360 ⁸	6.2	<2.5	<2.5	13	-	-
MW-5	08/02/2000 ^{15,28}	99.97	14.16	85.81	0.00	0.00	-	-	-	-	-	-	-
MW-5	11/09/2000 ¹⁵	99.97	14.61	85.36	0.00	0.00	3,280	331	235	35.7	9.41	-	-
MW-5	02/08/2001 ¹⁵	99.97	15.21	84.76	0.00	0.00	-	-	-	-	-	-	-
MW-5	05/02/2001 ¹⁵	99.97	16.20	83.77	0.00	0.00	26,700	5,490	6,310	145	<0.500	-	-
MW-5	08/28/2001 ^{15,41}	99.97	-	-	-	-	-	-	-	-	-	-	-
MW-5	11/26/2001 ¹⁵	99.97	15.36	84.61	0.00	0.00	88,000	14,000	19,000	1,300	<200	-	-
MW-5	02/22/2002 ^{15,28}	99.97	12.22	87.75	0.00	0.00	-	-	-	-	-	-	-
MW-5	05/24/2002 ¹⁵	99.97	15.23	84.74	0.00	0.00	92,000	11,000	17,000	1,600	<200	-	-
MW-5	08/29/2002 ^{15,28}	99.97	15.32	84.65	0.00	0.00	-	-	-	-	-	-	-
MW-5	11/29/2002	99.97	14.76	85.21	0.00	0.00	62	4.9	<0.50	<0.50	<2.5	-	-
MW-5	02/28/2003 ²⁸	99.97	11.75	88.22	0.00	0.00	-	-	-	-	-	-	-
MW-5	05/30/2003 ¹⁷	99.97	12.61	87.36	0.00	0.00	8,100	1,600	1,100	72	8	-	-
MW-5	08/22/2003 ²⁸	99.97	13.85	86.12	0.00	0.00	-	-	-	-	-	-	-
MW-5	11/24/2003 ¹⁷	99.97	14.96	85.01	0.00	0.00	86,000	9,300	16,000	1,200	<10	-	-
MW-5	02/27/2004 ²⁸	99.97	10.43	89.54	0.00	0.00	-	-	-	-	-	-	-
MW-5	06/21/2004 ¹⁷	99.97	14.58	85.39	0.00	0.00	45,000	4,700	12,000	870	<10	-	-
MW-5	08/26/2004 ²⁸	99.97	15.68	84.29	0.00	0.00	-	-	-	-	-	-	-
MW-5	11/29/2004 ¹⁷	99.97	15.20	84.77	0.00	0.00	71,000	5,000	13,000	870	<10	-	-
MW-5	02/11/2005 ²⁸	99.97	12.51	87.46	0.00	0.00	-	-	-	-	-	-	-
MW-5	06/16/2005 ¹⁷	99.97	11.13	88.84	0.00	0.00	17,000	1,400	3,900	220	<5	-	-
MW-5	08/31/2005 ²⁸	99.97	13.98	85.99	0.00	0.00	-	-	-	-	-	-	-
MW-5	11/30/2005 ¹⁷	99.97	14.94	85.03	0.00	0.00	49,000	2,900	12,000	840	<25	-	-
MW-5	02/27/2006 ²⁸	99.97	11.99	87.98	0.00	0.00	-	-	-	-	-	-	-

TABLE 1

**GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 90260
21995 FOOTHILL BOULEVARD
HAYWARD, CALIFORNIA**

Location	Date	TOC	DTW	GWE	LNAPLT	LNAPL REMOVED	HYDROCARBONS	PRIMARY VOCs				ADDITIONAL VOCs	
							TPH-GRO	B	T	E	MTBE by SW8260	EDB	1,2-DCA
Units		ft	ft	ft-amsl	ft	ft	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MW-5	05/30/2006 ^{17,19}	99.97	10.83	89.14	0.00	0.00	89,000	6,500	19,000	2,600	<25	-	-
MW-5	08/29/2006 ¹⁷	99.97	13.08	86.89	0.00	0.00	110,000	5,900	22,000	2,400	<50	-	-
MW-5	12/13/2006 ¹⁷	99.97	12.02	87.95	0.00	0.00	110,000	6,100	23,000	1,600	<25	-	-
MW-5	02/28/2007	-	-	-	-	-	-	-	-	-	-	-	-
MW-5	05/30/2007 ^{17,18}	99.97	11.45	88.52	0.00	0.00	100,000	4,200	17,000	1,600	<25	-	-
MW-5	08/29/2007 ^{17,18}	99.97	-	-	0.00	0.00	84,000	3,200	22,000	1,800	<13	-	-
MW-5	11/21/2007 ^{18,39}	101.74	13.06	88.70	0.03	0.28	-	-	-	-	-	-	-
MW-5	02/20/2008 ¹⁵	101.74	-	-	-	-	-	-	-	-	-	-	-
MW-5	05/21/2008 ^{15,17,18}	101.74	11.97	89.77	0.00	0.00	57,000 ²²	1,400	22,000	1,700	<10	-	-
MW-5	06/24/2008 ^{15,17,18,33}	101.74	12.58	89.16	0.00	0.00	25,000	1,300	22,000	1,400	<10	-	-
MW-5	08/22/2008 ^{15,17,18,33}	101.74	24.62	77.12	0.00	0.00	65,000	1,400	18,000	1,600	<10	-	-
MW-5	11/21/2008 ^{15,17,18,33}	101.74	23.89	77.85	0.00	0.00	61,000	1,100	17,000	1,300	<5	-	-
MW-5	02/03/2009 ^{15,17,18,33}	101.74	-	-	0.00	0.00	54,000	1,000	13,000	1,500	<10	-	-
MW-5	05/28/2009	101.74	23.11	78.63	0.00	0.00	86,000	380	19,000	860	<10	-	-
MW-5	08/07/2009	101.74	14.00	87.74	0.00	0.00	89,000	190	23,000	2,100	<10	-	-
MW-5	11/16/2009	101.74	22.90	78.84	0.00	0.00	62,000	470	13,000	1,300	<10	-	-
MW-5	02/02/2010	101.74	9.80	91.94	0.00	0.00	100,000	750	27,000	2,500	<25	-	-
MW-5	05/20/2010	101.74	9.86	91.88	0.00	0.00	91,000	940	19,000	2,000	10 J	-	-
MW-5	08/23/2010 ²⁰	101.74	12.56	89.18	0.00	0.00	77,000	530	23,000	2,300	<5	-	-
MW-5	12/07/2010 ²⁰	101.74	11.18	90.56	0.00	0.00	110,000	430	24,000	2,000	<5	-	-
MW-5	02/03/2011 ²⁰	101.74	10.40	91.34	0.00	0.00	83,000	420	21,000	1,900	<10	-	-
MW-5	05/06/2011	101.74	9.62	92.12	0.00	0.00	74,000	360	20,000	2,400	<5	-	-
MW-5	09/16/2011	101.74	12.01	89.73	0.00	0.00	85,000	180	24,000	2,500	<25	-	-
MW-5	12/06/2011	101.74	12.47	89.27	0.00	0.00	98,000	160	17,000	2,600	<5	-	-
MW-5	03/16/2012	101.74	11.83	89.91	0.00	0.00	83,000	230	14,000	2,800	<50	-	-
MW-5	06/21/2012	101.74	11.69	90.05	0.00	0.00	99,000	190 J	13,000	2,700	<25	-	<25

TABLE 1

**GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 90260
21995 FOOTHILL BOULEVARD
HAYWARD, CALIFORNIA**

Location	Date	TOC	DTW	GWE	LNAPLT	LNAPL REMOVED	HYDROCARBONS	PRIMARY VOCs				ADDITIONAL VOCs	
							TPH-GRO	B	T	E	MTBE by SW8260	EDB	1,2-DCA
Units		ft	ft	ft-amsl	ft	ft	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MW-6	02/05/1988	-	-	-	-	-	53,000	5,100	4,400	2,100	-	-	-
MW-6	06/15/1988	-	13.51	87.92	-	-	33,000	9,200	5,500	520	-	-	-
MW-6	09/27/1988	101.43	14.56	86.87	-	-	17,000	2,200	2,800	1,700	-	-	-
MW-6	01/05/1989	101.43	13.48	87.95	-	-	37,000	5,000	3,400	2,200	-	-	-
MW-6	04/06/1989	101.43	12.60	88.83	-	-	-	-	-	-	-	-	-
MW-6	06/28/1989	101.43	14.58	86.85	-	-	80,000	7,000	4,100	2,000	-	-	-
MW-6	10/03/1989	101.43	13.03	88.40	-	-	110,000	8,500	5,100	2,600	-	-	-
MW-6	01/04/1990	101.43	15.08	86.35	-	-	59,000	5,200	2,600	2,000	-	-	-
MW-6	04/03/1990	101.43	14.06	87.37	-	-	31,000	6,600	2,600	2,200	-	-	-
MW-6	07/03/1990	101.43	14.28	87.15	-	-	66,000	5,800	2,900	2,000	-	-	-
MW-6	11/06/1990	101.43	16.10	85.33	-	-	-	-	-	-	-	-	-
MW-6	01/04/1991	101.43	15.52	85.91	-	-	50,000	5,600	2,200	1,800	-	-	-
MW-6	04/03/1991	101.43	11.03	90.40	-	-	-	-	-	-	-	-	-
MW-6	07/02/1991	101.43	14.44	86.99	-	-	81,000	11,000	2,700	2,100	-	-	-
MW-6	10/02/1991	101.43	16.22	85.21	-	-	-	-	-	-	-	-	-
MW-6	01/02/1992	101.43	15.71	85.72	-	-	67,000	7,500	1,900	1,800	-	-	-
MW-6	04/07/1992	101.43	13.47	87.96	-	-	-	-	-	-	-	-	-
MW-6	08/13/1992	101.43	15.97	85.46	-	-	-	-	-	-	-	-	-
MW-6	12/03/1992	101.43	16.62	84.81	-	-	-	-	-	-	-	-	-
MW-6	03/25/1993	101.43	10.58	90.85	-	-	110,000	12,000	2,900	4,200	-	-	-
MW-6	06/23/1993	101.43	13.01	88.42	-	-	-	-	-	-	-	-	-
MW-6	09/21/1993	101.43	14.74	86.69	-	-	62,000	12,000	1,400	2,100	-	-	-
MW-6	12/02/1993	101.43	14.87	86.56	-	-	-	-	-	-	-	-	-
MW-6	03/08/1994	101.43	12.04	89.39	-	-	61,000	7,000	1,500	1,500	-	-	-
MW-6	06/13/1994	101.43	13.37	88.06	-	-	-	-	-	-	-	-	-
MW-6	10/04/1994	101.43	15.56	85.87	-	-	78,000	13,000	940	1,900	-	-	-
MW-6	11/14/1994	101.43	13.53	87.90	-	-	-	-	-	-	-	-	-

TABLE 1

**GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 90260
21995 FOOTHILL BOULEVARD
HAYWARD, CALIFORNIA**

Location	Date	TOC	DTW	GWE	LNAPLT	LNAPL REMOVED	HYDROCARBONS	PRIMARY VOCs				ADDITIONAL VOCs	
							TPH-GRO	B	T	E	MTBE by SW8260	EDB	1,2-DCA
Units		ft	ft	ft-amsl	ft	ft	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MW-6	05/15/1995	101.43	10.53	90.90	-	-	-	-	-	-	-	-	-
MW-6	08/04/1995	101.43	12.38	89.05	-	-	51,000	8,600	1,400	1,900	-	-	-
MW-6	11/28/1995 ²⁸	101.43	14.63	86.80	-	-	-	-	-	-	-	-	-
MW-6	02/20/1996	101.43	9.72	91.71	-	-	59,000	11,000	1,600	2,100	<500	-	-
MW-6	05/29/1996	101.43	10.94	90.49	-	-	-	-	-	-	-	-	-
MW-6	08/27/1996	101.43	13.40	88.03	-	-	84,000	11,000	960	2,300	<500	-	-
MW-6	11/22/1996	101.43	12.90	88.53	-	-	-	-	-	-	-	-	-
MW-6	02/18/1997	101.43	10.01	91.42	-	-	14,000	3,700	160	720	400	-	-
MW-6	05/23/1997	101.43	12.75	88.68	-	-	-	-	-	-	-	-	-
MW-6	08/04/1997	101.43	13.48	87.95	-	-	62,000	13,000	930	3,500	710	-	-
MW-6	11/25/1997	101.43	14.21	87.22	-	-	-	-	-	-	-	-	-
MW-6	02/25/1998	101.43	14.85	86.58	-	-	30,000	2,400	910	740	2,600	-	-
MW-6	05/21/1998	101.43	11.67	89.76	-	-	-	-	-	-	-	-	-
MW-6	08/19/1998	101.43	15.86	85.57	-	-	37,000	390	220	160	1,600 / 1,000 ⁷	-	-
MW-6	11/19/1998 ³⁴	101.43	-	-	-	-	-	-	-	-	-	-	-
MW-6	02/12/1999	101.43	11.83	89.60	-	-	80	2.4	<0.5	0.68	<2.5	-	-
MW-6	05/10/1999	101.43	13.00	88.43	-	-	-	-	-	-	-	-	-
MW-6	09/02/1999	101.43	15.72	85.71	-	-	4,440	23.4	<5.0	45.3	<50	-	-
MW-6	02/03/2000	101.43	13.20	88.23	-	-	8,300	22	<10	43	77	-	-
MW-6	05/09/2000 ¹⁵	101.43	13.05	88.38	0.00	0.00	-	-	-	-	-	-	-
MW-6	08/02/2000 ¹⁵	101.43	14.75	86.68	0.00	0.00	1,700 ⁸	32	4.9	<2.5	55	-	-
MW-6	11/09/2000 ¹⁵	101.43	15.56	85.87	0.00	0.00	-	-	-	-	-	-	-
MW-6	02/08/2001 ¹⁵	101.43	15.87	85.56	0.00	0.00	-	-	-	-	-	-	-
MW-6	05/02/2001 ^{15,41}	101.43	-	-	-	-	-	-	-	-	-	-	-
MW-6	08/28/2001 ^{15,41}	101.43	-	-	-	-	-	-	-	-	-	-	-
MW-6	11/26/2001 ¹⁵	101.43	15.46	85.97	0.00	0.00	-	-	-	-	-	-	-
MW-6	02/22/2002 ¹⁵	101.43	11.94	89.49	0.00	0.00	6,300	<10	1.7	17	<25	-	-

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**GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 90260
21995 FOOTHILL BOULEVARD
HAYWARD, CALIFORNIA**

Location	Date	TOC	DTW	GWE	LNAPLT	LNAPL REMOVED	HYDROCARBONS	PRIMARY VOCs				ADDITIONAL VOCs	
							TPH-GRO	B	T	E	MTBE by SW8260	EDB	1,2-DCA
Units		ft	ft	ft-amsl	ft	ft	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MW-6	05/24/2002 ^{15,28}	101.43	15.54	85.89	0.00	0.00	-	-	-	-	-	-	-
MW-6	08/29/2002 ^{15,41}	101.43	-	-	-	-	-	-	-	-	-	-	-
MW-6	11/29/2002 ²⁸	101.43	15.78	85.65	0.00	0.00	-	-	-	-	-	-	-
MW-6	02/28/2003	101.43	12.07	89.36	0.00	0.00	180	<0.50	<0.50	<0.50	<2.5	-	-
MW-6	05/30/2003 ²⁸	101.43	12.84	88.59	0.00	0.00	-	-	-	-	-	-	-
MW-6	08/22/2003 ³⁴	101.43	14.40	87.03	0.00	0.00	-	-	-	-	-	-	-
MW-6	11/24/2003 ²⁸	101.43	15.12	86.31	0.00	0.00	-	-	-	-	-	-	-
MW-6	02/27/2004 ¹⁷	101.43	10.06	91.37	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	-	-
MW-6	06/21/2004 ²⁸	101.43	14.46	86.97	0.00	0.00	-	-	-	-	-	-	-
MW-6	08/26/2004 ⁴¹	101.43	-	-	-	-	-	-	-	-	-	-	-
MW-6	11/29/2004 ⁴¹	101.43	-	-	-	-	-	-	-	-	-	-	-
MW-6	02/11/2005 ¹⁷	101.43	12.67	88.76	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	-	-
MW-6	06/16/2005 ²⁸	101.43	12.31	89.12	0.00	0.00	-	-	-	-	-	-	-
MW-6	08/31/2005 ³⁴	101.43	14.53	86.90	0.00	0.00	-	-	-	-	-	-	-
MW-6	11/30/2005 ²⁸	101.43	15.11	86.32	0.00	0.00	-	-	-	-	-	-	-
MW-6	02/27/2006 ¹⁷	101.43	11.97	89.46	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	-	-
MW-6	05/30/2006 ²⁸	101.43	11.75	89.68	0.00	0.00	-	-	-	-	-	-	-
MW-6	08/29/2006 ¹⁷	101.43	14.36	87.07	0.00	0.00	110	0.6	<0.5	<0.5	<0.5	-	-
MW-6	12/13/2006 ²⁸	101.43	13.05	88.38	0.00	0.00	-	-	-	-	-	-	-
MW-6	02/28/2007 ¹⁷	101.43	9.77	91.66	0.00	0.00	1,400	<0.5	<0.5	0.7	<0.5	-	-
MW-6	05/30/2007 ²⁸	101.43	12.62	88.81	0.00	0.00	-	-	-	-	-	-	-
MW-6	08/29/2007 ⁴¹	101.43	-	-	-	-	-	-	-	-	-	-	-
MW-6	11/21/2007 ⁴¹	104.01	-	-	-	-	-	-	-	-	-	-	-
MW-6	02/20/2008 ¹⁷	104.01	11.86	92.15	0.00	0.00	1,200	<0.5	<0.5	<0.5	<0.5	-	-
MW-6	05/21/2008 ²⁸	104.01	13.09	90.92	0.00	0.00	-	-	-	-	-	-	-
MW-6	06/24/2008	104.01	13.97	90.04	0.00	0.00	-	-	-	-	-	-	-
MW-6	08/22/2008 ⁴¹	104.01	-	-	-	-	-	-	-	-	-	-	-

TABLE 1

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FORMER CHEVRON SERVICE STATION 90260
21995 FOOTHILL BOULEVARD
HAYWARD, CALIFORNIA**

Location	Date	TOC	DTW	GWE	LNAPLT	LNAPL REMOVED	HYDROCARBONS	PRIMARY VOCS				ADDITIONAL VOCS	
							TPH-GRO	B	T	E	MTBE by SW8260	EDB	1,2-DCA
	Units	ft	ft	ft-amsl	ft	ft	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MW-6	11/21/2008 ⁴¹	104.01	-	-	-	-	-	-	-	-	-	-	-
MW-6	02/03/2009 ⁴¹	104.01	-	-	-	-	-	-	-	-	-	-	-
MW-6	05/28/2009	104.01	-	-	-	-	-	-	-	-	-	-	-
MW-6	08/06/2009	104.01	-	-	-	-	-	-	-	-	-	-	-
MW-6	11/16/2009	104.01	-	-	-	-	-	-	-	-	-	-	-
MW-6	02/02/2010	104.01	9.70	94.31	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	-	-
MW-6	05/20/2010	104.01	10.60	93.41	0.00	0.00	53 J	<0.5	<0.5	<0.5	<0.5	-	-
MW-6	08/23/2010 ²⁸	104.01	13.58	90.43	0.00	0.00	-	-	-	-	-	-	-
MW-6	12/07/2010	104.01	12.34	91.67	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	-	-
MW-6	02/03/2011 ²⁸	104.01	11.24	92.77	0.00	0.00	-	-	-	-	-	-	-
MW-6	05/06/2011	104.01	10.25	93.76	0.00	0.00	95 J	<0.5	<0.5	<0.5	<0.5	-	-
MW-6	09/16/2011 ²⁸	104.01	13.43	90.58	0.00	0.00	-	-	-	-	-	-	-
MW-6	12/06/2011 ²⁸	104.01	13.79	90.22	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	-	-
MW-6	03/16/2012 ²⁸	104.01	12.20	91.81	0.00	0.00	-	-	-	-	-	-	-
MW-6	06/21/2012	104.01	12.68	91.33	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	-	<0.5
MW-7	02/05/1988	-	-	-	-	-	81,000	34,000	36,000	2,400	-	-	-
MW-7	06/15/1988	-	12.57	88.34	-	-	77,000	40,000	41,000	1,400	-	-	-
MW-7	09/27/1988	100.91	13.60	87.31	-	-	30,000	9,700	8,900	400	-	<10	2,600
MW-7	01/05/1989	100.91	12.98	87.93	-	-	96,000	36,000	38,000	2,800	-	-	-
MW-7	04/06/1989	100.91	12.34	88.57	-	-	-	-	-	-	-	-	-
MW-7	06/28/1989	100.91	14.08	86.83	-	-	110,000	31,000	30,000	2,600	-	-	-
MW-7	10/03/1989	100.91	14.53	86.38	-	-	230,000	34,000	34,000	2,400	-	-	-
MW-7	01/04/1990	100.91	14.49	86.42	-	-	150,000	41,000	40,000	2,400	-	-	-
MW-7	04/03/1990	100.91	13.66	87.25	-	-	100,000	31,000	28,000	2,100	-	-	-
MW-7	07/03/1990	100.91	13.86	87.05	-	-	190,000	30,000	27,000	1,800	-	-	-
MW-7	11/06/1990	100.91	15.58	85.33	-	-	160,000	27,000	25,000	1,900	-	-	-

TABLE 1

**GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 90260
21995 FOOTHILL BOULEVARD
HAYWARD, CALIFORNIA**

Location	Date	TOC	DTW	GWE	LNAPLT	LNAPL REMOVED	HYDROCARBONS	PRIMARY VOCS				ADDITIONAL VOCS	
							TPH-GRO	B	T	E	MTBE by SW8260	EDB	1,2-DCA
Units		ft	ft	ft-amsl	ft	ft	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MW-7	01/04/1991	100.91	15.25	85.66	-	-	-	-	-	-	-	-	-
MW-7	04/03/1991	100.91	11.41	89.50	-	-	240,000	40,000	36,000	2,400	-	-	-
MW-7	07/02/1991	100.91	14.18	86.73	-	-	-	-	-	-	-	-	-
MW-7	10/02/1991	100.91	15.78	85.13	-	-	220,000	26,000	27,000	2,500	-	-	-
MW-7	01/02/1992	100.91	15.45	85.46	-	-	-	-	-	-	-	-	-
MW-7	04/07/1992	100.91	13.48	87.43	-	-	260,000	27,000	26,000	2,400	-	-	-
MW-7	08/13/1992	100.91	15.89	85.02	-	-	-	-	-	-	-	-	-
MW-7	12/03/1992	100.91	16.43	84.48	-	-	330,000	29,000	31,000	3,300	-	-	-
MW-7	03/25/1993	100.91	11.10	89.81	-	-	-	-	-	-	-	-	-
MW-7	06/23/1993	100.91	13.63	88.13	1.06	-	-	-	-	-	-	-	-
MW-7	09/21/1993	100.91	14.88	86.57	0.67	-	-	-	-	-	-	-	-
MW-7	12/02/1993	100.91	14.74	86.32	0.19	-	-	-	-	-	-	-	-
MW-7	03/08/1994	100.91	12.37	88.54	-	-	-	-	-	-	-	-	-
MW-7	06/13/1994	100.91	13.12	88.03	0.30	-	-	-	-	-	-	-	-
MW-7	10/04/1994 ³	100.91	-	-	-	-	-	-	-	-	-	-	-
MW-7	11/14/1994	100.91	13.83	87.22	0.18	0.50	-	-	-	-	-	-	-
MW-7	05/15/1995	100.91	11.07	89.85	0.01	0.00	<50	<0.5	<0.5	<0.5	-	-	-
MW-7	08/04/1995	100.91	12.53	88.38	-	-	-	-	-	-	-	-	-
MW-7	11/28/1995	100.91	14.62	86.53	0.30	2.00	-	-	-	-	-	-	-
MW-7	02/20/1996 ²⁸	100.91	10.09	90.84	0.02	0.0625	-	-	-	-	-	-	-
MW-7	05/29/1996	100.91	10.93	90.00	0.02	0.50	-	-	-	-	-	-	-
MW-7	08/27/1996	100.91	12.75	88.18	0.02	0.50	-	-	-	-	-	-	-
MW-7	11/22/1996	100.91	12.99	87.94	0.02	0.50	-	-	-	-	-	-	-
MW-7	02/18/1997	100.91	9.58	91.33	0.01	0.50	-	-	-	-	-	-	-
MW-7	05/23/1997	100.91	12.55	88.36	-	-	8,300	210	580	130	<250	-	-
MW-7	08/04/1997	100.91	13.23	87.68	-	-	96,000	12,000	16,000	2,300	3,600	-	-
MW-7	02/25/1998	100.91	17.02	83.89	-	-	-	-	-	-	-	-	-

TABLE 1

**GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 90260
21995 FOOTHILL BOULEVARD
HAYWARD, CALIFORNIA**

Location	Date	TOC	DTW	GWE	LNAPLT	LNAPL REMOVED	HYDROCARBONS	PRIMARY VOCs				ADDITIONAL VOCs	
							TPH-GRO	B	T	E	MTBE by SW8260	EDB	1,2-DCA
Units		ft	ft	ft-amsl	ft	ft	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MW-7	05/21/1998	100.91	11.93	88.98	-	-	150,000	7,100	15,000	1,700	21,000	-	-
MW-7	08/19/1998	100.91	18.19	82.72	-	-	-	-	-	-	-	-	-
MW-7	11/19/1998 ³⁴	100.91	-	-	-	-	-	-	-	-	-	-	-
MW-7	02/12/1999	100.91	12.81	88.10	-	-	-	-	-	-	-	-	-
MW-7	05/10/1999	100.91	13.04	87.87	-	-	11,200	384	764	116	<1,000 / 558 ⁷	-	-
MW-7	09/02/1999	100.91	15.75	85.16	-	-	-	-	-	-	-	-	-
MW-7	02/03/2000	100.91	14.07	86.84	-	-	-	-	-	-	-	-	-
MW-7	05/09/2000 ¹⁵	100.91	13.36	87.55	0.00	0.00	150 ⁸	0.52	<0.50	<0.50	130	-	-
MW-7	08/02/2000 ^{15,28}	100.91	14.97	85.94	0.00	0.00	-	-	-	-	-	-	-
MW-7	11/09/2000 ¹⁵	100.91	14.98	85.93	0.00	0.00	559	24.1	12.4	2.34	5.32	-	-
MW-7	02/08/2001 ¹⁵	100.91	16.02	84.89	0.00	0.00	-	-	-	-	-	-	-
MW-7	05/02/2001 ^{15,34}	100.91	17.70	83.21	0.00	0.00	-	-	-	-	-	-	-
MW-7	08/28/2001 ^{15,28}	100.91	17.99	82.92	0.00	0.00	-	-	-	-	-	-	-
MW-7	11/26/2001 ¹⁵	100.91	16.15	84.76	0.00	0.00	82,000	12,000	23,000	840	<100	-	-
MW-7	02/22/2002 ^{15,28}	100.91	12.69	88.22	0.00	0.00	-	-	-	-	-	-	-
MW-7	05/24/2002 ^{15,34}	100.91	16.18	84.73	0.00	0.00	-	-	-	-	-	-	-
MW-7	08/29/2002 ^{15,28}	100.91	16.17	84.74	0.00	0.00	-	-	-	-	-	-	-
MW-7	11/29/2002	100.91	15.32	85.59	0.00	0.00	890	50	150	14	<10	-	-
MW-7	02/28/2003 ^{16,28}	-	10.07	-	0.00	0.00	-	-	-	-	-	-	-
MW-7	05/30/2003 ^{16,17}	-	11.12	-	0.00	0.00	190	0.8	1	1	62	-	-
MW-7	08/22/2003 ¹⁶	-	-	-	-	-	-	-	-	-	-	-	-
MW-7	11/24/2003 ^{16,17}	-	13.99	-	0.00	0.00	1,000	110	6	18	6	-	-
MW-7	02/27/2004 ^{16,28}	-	11.31	-	0.00	0.00	-	-	-	-	-	-	-
MW-7	06/21/2004 ^{16,34}	-	13.48	-	0.00	0.00	-	-	-	-	-	-	-
MW-7	08/26/2004 ^{16,28}	-	14.33	-	0.00	0.00	-	-	-	-	-	-	-
MW-7	11/29/2004 ^{16,17}	-	14.15	-	0.00	0.00	1,800	480	2	32	28	-	-
MW-7	02/11/2005 ^{16,28}	-	11.16	-	0.00	0.00	-	-	-	-	-	-	-

TABLE 1

**GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 90260
21995 FOOTHILL BOULEVARD
HAYWARD, CALIFORNIA**

Location	Date	TOC	DTW	GWE	LNAPLT	LNAPL REMOVED	HYDROCARBONS	PRIMARY VOCS				ADDITIONAL VOCS	
							TPH-GRO	B	T	E	MTBE by SW8260	EDB	1,2-DCA
Units		ft	ft	ft-amsl	ft	ft	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MW-7	06/16/2005 ^{16,17}	-	10.84	-	0.00	0.00	<50	<0.5	<0.5	<0.5	29	-	-
MW-7	08/31/2005 ^{16,28}	-	12.15	-	0.00	0.00	-	-	-	-	-	-	-
MW-7	11/30/2005 ^{16,17}	-	13.91	-	0.00	0.00	120	10	1	<0.5	9	-	-
MW-7	02/27/2006 ^{16,28}	-	10.47	-	0.00	0.00	-	-	-	-	-	-	-
MW-7	05/30/2006 ^{16,17}	-	10.10	-	0.00	0.00	91	1	3	0.6	99	-	-
MW-7	08/29/2006 ^{16,28}	-	12.62	-	0.00	0.00	-	-	-	-	-	-	-
MW-7	12/13/2006 ^{16,17}	-	12.57	-	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	-	-
MW-7	02/28/2007 ^{16,28}	-	9.54	-	0.00	0.00	-	-	-	-	-	-	-
MW-7	05/30/2007 ^{16,17}	-	12.01	-	0.00	0.00	<50	<0.5	1	<0.5	28	-	-
MW-7	08/29/2007 ^{16,28}	-	14.62	-	0.00	0.00	-	-	-	-	-	-	-
MW-7	11/21/2007 ¹⁷	103.17	13.87	89.30	0.00	0.00	9,900	340	4,100	190	11	-	-
MW-7	02/20/2008 ²⁸	103.17	11.61	91.56	0.00	0.00	-	-	-	-	-	-	-
MW-7	05/21/2008 ¹⁷	103.17	12.61	90.56	0.00	0.00	<50 ²²	<0.5	<0.5	<0.5	31	-	-
MW-7	06/24/2008 ¹⁷	103.17	12.97	90.20	0.00	0.00	<50	1	1	<0.5	47	-	-
MW-7	08/22/2008 ⁴¹	103.17	-	-	-	-	-	-	-	-	-	-	-
MW-7	11/21/2008 ⁴¹	103.17	-	-	-	-	-	-	-	-	-	-	-
MW-7	02/03/2009 ⁴¹	103.17	-	-	-	-	-	-	-	-	-	-	-
MW-7	05/28/2009	103.17	-	-	-	-	-	-	-	-	-	-	-
MW-7	08/06/2009	103.17	15.18	87.99	0.00	0.00	-	-	-	-	-	-	-
MW-7	11/16/2009	103.17	-	-	-	-	-	-	-	-	-	-	-
MW-7	02/02/2010	103.17	9.95	93.22	0.00	0.00	-	-	-	-	-	-	-
MW-7	05/20/2010	103.17	10.21	92.96	0.00	0.00	<50	<0.5	<0.5	<0.5	14	-	-
MW-7	08/23/2010 ²⁸	103.17	12.95	90.22	0.00	0.00	-	-	-	-	-	-	-
MW-7	12/07/2010	103.17	11.82	91.35	0.00	0.00	<50	<0.5	<0.5	<0.5	4	-	-
MW-7	02/03/2011 ²⁸	103.17	10.74	92.43	0.00	0.00	-	-	-	-	-	-	-
MW-7	05/06/2011	103.17	9.96	93.21	0.00	0.00	<50	<0.5	<0.5	<0.5	42	-	-
MW-7	09/16/2011 ²⁸	103.17	12.72	90.45	0.00	0.00	-	-	-	-	-	-	-

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**GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 90260
21995 FOOTHILL BOULEVARD
HAYWARD, CALIFORNIA**

Location	Date	TOC	DTW	GWE	LNAPLT	LNAPL REMOVED	HYDROCARBONS	PRIMARY VOCS				ADDITIONAL VOCS	
							TPH-GRO	B	T	E	MTBE by SW8260	EDB	1,2-DCA
	Units	ft	ft	ft-amsl	ft	ft	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MW-7	12/06/2011 ²⁸	103.17	13.14	90.03	0.00	0.00	<50	<0.5	<0.5	<0.5	42	-	-
MW-7	03/16/2012 ²⁸	103.17	12.21	90.96	0.00	0.00	-	-	-	-	-	-	-
MW-7	06/21/2012	103.17	12.23	90.94	0.00	0.00	<50	<0.5	<0.5	<0.5	140	-	<0.5
MW-8	10/27/1988	-	-	-	-	-	190,000	27,000	43,000	2,200	-	-	-
MW-8	01/05/1989	-	12.02	87.65	-	-	87,000	24,000	39,000	3,000	-	-	-
MW-8	04/06/1989	99.67	11.78	87.89	-	-	-	-	-	-	-	-	-
MW-8	06/28/1989	99.67	13.40	86.27	-	-	120,000	22,000	35,000	2,900	-	-	-
MW-8	10/03/1989	99.67	13.84	85.92	0.11	-	-	-	-	-	-	-	-
MW-8	01/04/1990	99.67	13.99	85.76	0.10	-	-	-	-	-	-	-	-
MW-8	04/03/1990	99.67	13.07	86.84	0.30	-	-	-	-	-	-	-	-
MW-8	07/03/1990	99.67	13.11	86.59	0.04	-	-	-	-	-	-	-	-
MW-8	11/06/1990	99.67	14.77	85.02	0.15	-	-	-	-	-	-	-	-
MW-8	01/04/1991	99.67	14.59	85.22	0.18	-	-	-	-	-	-	-	-
MW-8	04/03/1991	99.67	11.53	88.18	0.05	-	-	-	-	-	-	-	-
MW-8	07/02/1991	99.67	13.71	86.34	0.48	-	-	-	-	-	-	-	-
MW-8	10/02/1991	99.67	14.84	85.05	0.27	-	-	-	-	-	-	-	-
MW-8	01/02/1992	99.67	15.05	84.86	0.30	-	-	-	-	-	-	-	-
MW-8	04/07/1992	99.67	12.17	87.73	0.29	-	-	-	-	-	-	-	-
MW-8	08/13/1992	99.67	14.96	84.96	0.31	-	-	-	-	-	-	-	-
MW-8	12/03/1992	99.67	15.85	84.44	0.78	-	-	-	-	-	-	-	-
MW-8	03/25/1993	99.67	10.78	88.89	-	-	-	-	-	-	-	-	-
MW-8	06/23/1993	99.67	12.27	87.60	0.25	-	-	-	-	-	-	-	-
MW-8	09/21/1993	99.67	13.68	86.25	0.32	-	-	-	-	-	-	-	-
MW-8	12/02/1993	99.67	14.00	85.86	0.24	-	-	-	-	-	-	-	-
MW-8	03/08/1994	99.67	11.84	87.83	-	-	-	-	-	-	-	-	-
MW-8	06/13/1994	99.67	12.11	87.58	0.03	-	-	-	-	-	-	-	-

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FORMER CHEVRON SERVICE STATION 90260
21995 FOOTHILL BOULEVARD
HAYWARD, CALIFORNIA**

Location	Date	TOC	DTW	GWE	LNAPLT	LNAPL REMOVED	HYDROCARBONS	PRIMARY VOCs				ADDITIONAL VOCs	
							TPH-GRO	B	T	E	MTBE by SW8260	EDB	M2-DCA
	Units	ft	ft	ft-amsl	ft	ft	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MW-8	10/04/1994	99.67	14.20	85.47	-	-	-	-	-	-	-	-	-
MW-8	11/14/1994	99.67	14.06	85.61	-	-	140,000	12,000	36,000	2,400	-	-	-
MW-8	05/15/1995	99.67	9.95	89.72	-	-	<50	<0.5	<0.5	<0.5	-	-	-
MW-8	08/04/1995	99.67	11.14	88.53	-	-	-	-	-	-	-	-	-
MW-8	11/28/1995	99.67	13.32	86.35	-	-	100,000	6,900	34,000	2,700	650	-	-
MW-8	02/20/1996 ²⁸	99.67	10.00	89.67	-	-	-	-	-	-	-	-	-
MW-8	05/29/1996	99.67	10.30	89.37	-	-	130,000	8,800	30,000	2,300	<500	-	-
MW-8	08/27/1996	99.67	12.25	87.42	-	-	-	-	-	-	-	-	-
MW-8	11/22/1996	99.67	12.01	87.66	-	-	150,000	7,400	33,000	2,400	<500	-	-
MW-8	02/18/1997	99.67	9.11	90.56	-	-	-	-	-	-	-	-	-
MW-8	05/23/1997	99.67	11.58	88.09	-	-	140,000	11,000	38,000	3,200	<250	-	-
MW-8	08/04/1997	99.67	12.18	87.49	-	-	140,000	8,000	38,000	3,500	<500	-	-
MW-8	11/25/1997	99.67	17.05	82.62	-	-	290,000 ⁵	15,000	71,000	7,400	3,600	-	-
MW-8	02/25/1998	99.67	10.03	89.64	-	-	-	-	-	-	-	-	-
MW-8	05/21/1998	99.67	9.41	90.26	-	-	110,000	2,800	11,000	1,200	660	-	-
MW-8	08/19/1998	99.67	17.20	82.47	-	-	-	-	-	-	-	-	-
MW-8	11/19/1998	99.67	16.67	83.00	-	-	51,000	3,100	25,000	2,300	3,100	-	-
MW-8	02/12/1999	99.67	10.52	89.15	-	-	-	-	-	-	-	-	-
MW-8	05/10/1999	99.67	10.95	88.72	-	-	104,000	2,980	22,000	1,960	<2,500 / <333 ⁷	-	-
MW-8	09/02/1999	99.67	10.27	89.40	-	-	-	-	-	-	-	-	-
MW-8	02/03/2000	99.67	11.45	88.22	-	-	-	-	-	-	-	-	-
MW-8	05/09/2000 ¹⁵	99.67	10.90	88.77	0.00	0.00	37,000 ⁸	2,200	12,000	<100	1,900	-	-
MW-8	08/02/2000 ^{15,28}	99.67	12.25	87.42	0.00	0.00	-	-	-	-	-	-	-
MW-8	11/09/2000 ¹⁵	99.67	12.94	86.73	0.00	0.00	63,100	2,330	17,200	1,520	<250	-	-
MW-8	02/08/2001 ¹⁵	99.67	13.25	86.42	0.00	0.00	-	-	-	-	-	-	-
MW-8	05/02/2001 ¹⁵	99.67	14.16	85.51	0.00	0.00	79,400	1,120	18,900	<2,500	47.6	-	-
MW-8	08/28/2001 ^{15,28}	99.67	15.59	84.08	0.00	0.00	-	-	-	-	-	-	-

TABLE 1

**GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 90260
21995 FOOTHILL BOULEVARD
HAYWARD, CALIFORNIA**

Location	Date	TOC	DTW	GWE	LNAPLT	LNAPL REMOVED	HYDROCARBONS	PRIMARY VOCs				ADDITIONAL VOCs	
							TPH-GRO	B	T	E	MTBE by SW8260	EDB	1,2-DCA
	Units	ft	ft	ft-amsl	ft	ft	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MW-8	11/26/2001 ¹⁵	99.67	13.60	86.07	0.00	0.00	48,000	640	10,000	980	<100	-	-
MW-8	02/22/2002 ^{15,28}	99.67	10.51	89.16	0.00	0.00	-	-	-	-	-	-	-
MW-8	05/24/2002 ¹⁵	99.67	13.06	86.61	0.00	0.00	62,000	1,100	14,000	1,300	<200	-	-
MW-8	08/29/2002 ^{15,28}	99.67	13.56	86.11	0.00	0.00	-	-	-	-	-	-	-
MW-8	11/29/2002	99.67	13.04	86.63	0.00	0.00	57,000	590	11,000	1,200	<50	-	-
MW-8	02/28/2003 ²⁸	99.67	10.08	89.59	0.00	0.00	-	-	-	-	-	-	-
MW-8	05/30/2003 ¹⁷	99.67	11.00	88.67	0.00	0.00	13,000	100	650	270	<0.5	-	-
MW-8	08/22/2003 ^{15,28}	99.67	12.70	86.97	0.00	0.00	-	-	-	-	-	-	-
MW-8	11/24/2003 ¹⁷	99.67	13.28	86.39	0.00	0.00	64,000	450	17,000	1,300	<5	-	-
MW-8	02/27/2004 ²⁸	99.67	10.21	89.46	0.00	0.00	-	-	-	-	-	-	-
MW-8	06/21/2004 ¹⁷	99.67	12.80	86.87	0.00	0.00	18,000	140	2,100	540	<3	-	-
MW-8	08/26/2004 ²⁸	99.67	13.85	85.82	0.00	0.00	-	-	-	-	-	-	-
MW-8	11/29/2004 ¹⁷	99.67	13.45	86.22	0.00	0.00	67,000	250	13,000	1,000	<10	-	-
MW-8	02/11/2005 ²⁸	99.67	10.92	88.75	0.00	0.00	-	-	-	-	-	-	-
MW-8	06/16/2005 ¹⁷	99.67	10.38	89.29	0.00	0.00	15,000	120	920	390	<1	-	-
MW-8	08/31/2005 ²⁸	99.67	12.76	86.91	0.00	0.00	-	-	-	-	-	-	-
MW-8	11/30/2005 ¹⁷	99.67	13.02	86.65	0.00	0.00	32,000	88	5,600	650	<10	-	-
MW-8	02/27/2006 ²⁸	99.67	10.21	89.46	0.00	0.00	-	-	-	-	-	-	-
MW-8	05/30/2006 ^{17,20}	99.67	10.08	89.59	0.00	0.00	53,000	200	9,800	1,400	<5	-	-
MW-8	08/29/2006 ²⁸	99.67	12.07	87.60	0.00	0.00	-	-	-	-	-	-	-
MW-8	12/13/2006 ^{17,18}	99.67	12.21	87.46	0.00	0.00	23,000	54	2,500	680	<3	-	-
MW-8	02/28/2007 ²⁸	99.67	10.14	89.53	0.00	0.00	-	-	-	-	-	-	-
MW-8	05/30/2007 ^{17,18}	99.67	11.58	88.09	0.00	0.00	16,000	43	870	470	<1	-	-
MW-8	08/29/2007 ^{18,28}	99.67	13.65	86.02	0.00	0.00	-	-	-	-	-	-	-
MW-8	11/21/2007 ³¹	102.02	-	-	-	-	-	-	-	-	-	-	-
MW-8	02/20/2008 ²⁸	102.02	11.06	90.96	0.00	0.00	-	-	-	-	-	-	-
MW-8	05/21/2008 ¹⁷	102.02	12.39	89.63	0.00	0.00	3,800 ²²	3	84	150	<0.5	-	-

TABLE 1

**GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 90260
21995 FOOTHILL BOULEVARD
HAYWARD, CALIFORNIA**

Location	Date	TOC	DTW	GWE	LNAPL	LNAPL REMOVED	HYDROCARBONS	PRIMARY VOCs				ADDITIONAL VOCs	
							TPH-GRO	B	T	E	MTBE by SW8260	EDB	1,2-DCA
Units		ft	ft	ft-amsl	ft	ft	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MW-8	06/24/2008 ^{17,20}	102.02	12.58	89.44	0.00	0.00	3,700	4	1,000	190	<0.5	-	-
MW-8	08/22/2008 ²⁸	102.02	15.08	86.94	0.00	0.00	-	-	-	-	-	-	-
MW-8	11/21/2008 ^{20,34}	102.02	16.79	85.23	0.00	0.00	-	-	-	-	-	-	-
MW-8	02/03/2009 ²⁸	102.02	16.85	85.17	0.00	0.00	-	-	-	-	-	-	-
MW-8	05/28/2009	102.02	15.89	86.13	0.00	0.00	41,000	23	9,300	1,000	<5	-	-
MW-8	08/06/2009	102.02	14.10	87.92	0.00	0.00	-	-	-	-	-	-	-
MW-8	11/16/2009	102.02	16.10	85.92	0.00	0.00	60,000	33	8,900	1,500	<10	-	-
MW-8	02/02/2010	102.02	10.75	91.27	0.00	0.00	-	-	-	-	-	-	-
MW-8	05/20/2010	102.02	10.17	91.85	0.00	0.00	2,900	6	170	43	<0.5	-	-
MW-8	08/23/2010 ²⁸	102.02	12.21	89.81	0.00	0.00	-	-	-	-	-	-	-
MW-8	12/07/2010	102.02	11.46	90.56	0.00	0.00	52,000	14	7,100	1,400	<5	-	-
MW-8	02/03/2011 ²⁸	102.02	10.72	91.30	0.00	0.00	-	-	-	-	-	-	-
MW-8	05/06/2011	102.02	9.85	92.17	0.00	0.00	13,000	3	1,100	370	<1	-	-
MW-8	09/16/2011 ²⁸	102.02	12.31	89.71	0.00	0.00	-	-	-	-	-	-	-
MW-8	12/06/2011 ²⁸	102.02	12.63	89.39	0.00	0.00	27,000	<5	3,600	920	<5	-	-
MW-8	03/16/2012 ²⁸	102.02	12.33	89.69	0.00	0.00	-	-	-	-	-	-	-
MW-8	06/21/2012	102.02	12.05	89.97	0.00	0.00	8,300	1 J	400	390	<1	-	<1
MW-9	10/27/1988	-	-	-	-	-	50,000	2,000	9,900	2,000	-	-	-
MW-9	01/05/1989	-	12.63	88.52	-	-	55,000	670	8,900	3,400	-	-	-
MW-9	04/06/1989	101.15	12.46	88.69	-	-	-	-	-	-	-	-	-
MW-9	06/28/1989	101.15	14.04	87.11	-	-	100,000	510	4,500	2,600	-	-	-
MW-9	10/03/1989	101.15	14.61	86.54	-	-	130,000	540	8,000	3,200	-	-	-
MW-9	01/04/1990	101.15	14.59	86.56	-	-	83,000	600	4,600	2,600	-	-	-
MW-9	04/03/1990	101.15	13.75	87.40	-	-	52,000	1,600	5,400	3,100	-	-	-
MW-9	07/03/1990	101.15	13.84	87.31	-	-	100,000	520	5,400	3,200	-	-	-
MW-9	11/06/1990	101.15	15.42	85.73	-	-	-	-	-	-	-	-	-

TABLE 1

**GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 90260
21995 FOOTHILL BOULEVARD
HAYWARD, CALIFORNIA**

Location	Date	TOC	DTW	GWE	LNAPLT	LNAPL REMOVED	HYDROCARBONS	PRIMARY VOCs				ADDITIONAL VOCs	
							TPH-GRO	B	T	E	MTBE by SW8260	EDB	1,2-DCA
Units		ft	ft	ft-amsl	ft	ft	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MW-9	01/04/1991	101.15	15.37	85.78	-	-	59,000	1,100	5,600	2,500	-	-	-
MW-9	04/03/1991	101.15	12.27	88.88	-	-	-	-	-	-	-	-	-
MW-9	07/02/1991	101.15	14.17	86.98	-	-	130,000	1,900	7,600	3,600	-	-	-
MW-9	10/02/1991	101.15	15.68	85.47	-	-	-	-	-	-	-	-	-
MW-9	01/02/1992	101.15	15.65	85.50	-	-	100,000	3,300	8,200	2,800	-	-	-
MW-9	04/07/1992	101.15	13.84	87.31	-	-	-	-	-	-	-	-	-
MW-9	08/13/1992	101.15	15.50	85.65	-	-	45,000	1,300	3,000	1,500	-	-	-
MW-9	12/03/1992	101.15	16.66	84.49	-	-	-	-	-	-	-	-	-
MW-9	03/25/1993	101.15	11.48	89.67	-	-	220,000	540	3,200	2,100	-	-	-
MW-9	06/23/1993	101.15	12.83	88.32	-	-	-	-	-	-	-	-	-
MW-9	09/21/1993	101.15	14.31	86.84	-	-	54,000	1,900	3,400	1,700	-	-	-
MW-9	12/02/1993	101.15	14.70	86.46	0.01	-	-	-	-	-	-	-	-
MW-9	03/08/1994	101.15	12.63	88.52	-	-	49,000	800	780	390	-	-	-
MW-9	06/13/1994	101.15	13.65	87.50	-	-	-	-	-	-	-	-	-
MW-9	10/04/1994	101.15	15.20	85.95	-	-	180,000	2,600	5,400	1,700	-	-	-
MW-9	11/14/1994	101.15	14.25	86.90	-	-	-	-	-	-	-	-	-
MW-9	05/15/1995	101.15	10.64	90.51	-	-	-	-	-	-	-	-	-
MW-9	08/04/1995	101.15	11.89	89.26	-	-	42,000	1,400	2,700	1,700	-	-	-
MW-9	11/28/1995 ²⁸	101.15	13.92	87.23	-	-	-	-	-	-	-	-	-
MW-9	02/20/1996	101.15	10.61	90.54	Sheen	-	41,000	1,600	1,700	750	<100	-	-
MW-9	05/29/1996	101.15	10.81	90.34	-	-	-	-	-	-	-	-	-
MW-9	08/27/1996	101.15	12.90	88.25	Sheen	-	71,000	2,700	3,600	920	290	-	-
MW-9	11/22/1996	101.15	12.88	88.27	-	-	-	-	-	-	-	-	-
MW-9	02/18/1997	101.15	9.66	91.49	0.01	-	78,000	1,800	3,800	2,300	510	-	-
MW-9	05/23/1997	101.15	12.53	88.62	-	-	-	-	-	-	-	-	-
MW-9	08/04/1997	101.15	13.00	88.15	-	-	73,000	2,600	2,200	440	370	-	-
MW-9	11/25/1997	101.15	17.12	84.03	-	-	-	-	-	-	-	-	-

TABLE 1

**GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 90260
21995 FOOTHILL BOULEVARD
HAYWARD, CALIFORNIA**

Location	Date	TOC	DTW	GWE	LNAPLT	LNAPL REMOVED	HYDROCARBONS	PRIMARY VOCs				ADDITIONAL VOCs	
							TPH-GRO	B	T	E	MTBE by SW8260	EDB	1,2-DCA
	Units	ft	ft	ft-amsl	ft	ft	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MW-9	02/25/1998	101.15	12.69	88.46	-	-	34,000	150	510	1,300	<250	-	-
MW-9	05/21/1998	101.15	10.14	91.01	-	-	-	-	-	-	-	-	-
MW-9	08/19/1998	101.15	15.10	86.05	-	-	42,000	<50	330	890	<250	-	-
MW-9	11/19/1998	101.15	15.97	85.18	-	-	-	-	-	-	-	-	-
MW-9	02/12/1999	101.15	11.25	89.90	-	-	13,000	<100	200	560	<500	-	-
MW-9	05/10/1999	101.15	12.34	88.81	-	-	16,900	<50	112	506	<500 / <20 ⁷	-	-
MW-9	09/02/1999	101.15	11.34	89.81	-	-	7,200	<25	<25	185	<250	-	-
MW-9	02/03/2000	101.15	12.22	88.93	-	-	11,000	68	22	380	66	-	-
MW-9	05/09/2000 ¹⁵	101.15	11.60	89.55	0.00	0.00	-	-	-	-	-	-	-
MW-9	08/02/2000 ¹⁵	101.15	13.05	88.10	0.00	0.00	3,400 ⁸	41	10	<5.0	77	-	-
MW-9	11/09/2000 ¹⁵	101.15	13.64	87.51	0.00	0.00	-	-	-	-	-	-	-
MW-9	02/08/2001 ¹⁵	101.15	14.06	87.09	0.00	0.00	-	-	-	-	-	-	-
MW-9	05/02/2001 ¹⁵	101.15	14.95	86.20	0.00	0.00	-	-	-	-	-	-	-
MW-9	08/28/2001 ^{15,34}	101.15	16.12	85.03	0.00	0.00	-	-	-	-	-	-	-
MW-9	11/26/2001 ¹⁵	101.15	14.66	86.49	0.00	0.00	-	-	-	-	-	-	-
MW-9	02/22/2002 ¹⁵	101.15	10.95	90.20	0.00	0.00	5,300	<10	4.5	79	<20	-	-
MW-9	05/24/2002 ^{15,28}	101.15	13.63	87.52	0.00	0.00	-	-	-	-	-	-	-
MW-9	08/29/2002 ¹⁵	101.15	14.40	86.75	0.00	0.00	4,200	<5.0	2.7	80	<2.5	-	-
MW-9	11/29/2002 ²⁸	101.15	13.88	87.27	0.00	0.00	-	-	-	-	-	-	-
MW-9	02/28/2003	101.15	10.47	90.68	0.00	0.00	6,300	<100	11	130	<100	-	-
MW-9	05/30/2003 ²⁸	101.15	11.61	89.54	0.00	0.00	-	-	-	-	-	-	-
MW-9	08/22/2003 ¹⁷	101.15	13.51	87.64	0.00	0.00	5,500	1	5	150	<0.5	-	-
MW-9	11/24/2003 ²⁸	101.15	13.94	87.21	0.00	0.00	-	-	-	-	-	-	-
MW-9	02/27/2004 ¹⁷	101.15	10.55	90.60	0.00	0.00	6,300	0.7	6	160	<0.5	-	-
MW-9	06/21/2004 ²⁸	101.15	13.67	87.48	0.00	0.00	-	-	-	-	-	-	-
MW-9	08/26/2004 ¹⁷	101.15	14.78	86.37	0.00	0.00	2,400	<0.5	1	19	<0.5	-	-
MW-9	11/29/2004 ²⁸	101.15	14.41	86.74	0.00	0.00	-	-	-	-	-	-	-

TABLE 1

**GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 90260
21995 FOOTHILL BOULEVARD
HAYWARD, CALIFORNIA**

Location	Date	TOC	DTW	GWE	LNAPLT	LNAPL REMOVED	HYDROCARBONS	PRIMARY VOCs				ADDITIONAL VOCs	
							TPH-GRO	B	T	E	MTBE by SW8260	EDB	1,2-DCA
	Units	ft	ft	ft-amsl	ft	ft	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MW-9	02/11/2005 ¹⁷	101.15	11.71	89.44	0.00	0.00	6,200	<1	5	84	<1	-	-
MW-9	06/16/2005 ²⁸	101.15	11.41	89.74	0.00	0.00	-	-	-	-	-	-	-
MW-9	08/31/2005	101.15	-	-	-	-	-	-	-	-	-	-	-
MW-9	11/30/2005 ²⁸	101.15	10.95	90.20	0.00	0.00	-	-	-	-	-	-	-
MW-9	02/27/2006 ¹⁷	101.15	10.95	90.20	0.00	0.00	20,000	<1	23	360	<1	-	-
MW-9	05/30/2006 ^{20,28}	101.15	10.59	90.56	0.00	0.00	-	-	-	-	-	-	-
MW-9	08/29/2006 ¹⁷	101.15	12.78	88.37	0.00	0	7,800	<0.5	6	150	<0.5	-	-
MW-9	12/13/2006 ³¹	101.15	-	-	-	-	-	-	-	-	-	-	-
MW-9	02/28/2007 ¹⁷	101.15	10.73	90.42	0.00	0.00	8,500	<0.5	11	210	<0.5	-	-
MW-9	05/30/2007 ^{18,28}	101.15	12.03	89.12	0.00	0.00	-	-	-	-	-	-	-
MW-9	08/29/2007 ^{17,18}	101.15	14.15	87.00	0.00	0.00	7,200	<0.5	4	120	<0.5	-	-
MW-9	11/21/2007 ²⁸	103.57	14.28	89.29	0.00	0.00	-	-	-	-	-	-	-
MW-9	02/20/2008 ¹⁷	103.57	12.13	91.44	0.00	0.00	4,300	<0.5	2	88	<0.5	-	-
MW-9	05/21/2008 ²⁸	103.57	12.74	90.83	0.00	0.00	-	-	-	-	-	-	-
MW-9	06/24/2008 ²⁰	103.57	13.43	90.14	0.00	0.00	-	-	-	-	-	-	-
MW-9	08/22/2008 ¹⁷	103.57	15.30	88.27	0.00	0.00	3,500 ²²	<0.5	1	54	<0.5	-	-
MW-9	11/21/2008 ^{20,26,28}	103.57	17.09	-	0.00	0.00	-	-	-	-	-	-	-
MW-9	02/03/2009 ^{26,34}	103.57	16.89	-	0.00	0.00	-	-	-	-	-	-	-
MW-9	05/28/2009	103.57	15.46	88.11	0.00	0.00	-	-	-	-	-	-	-
MW-9	08/06/2009	103.57	15.29	88.28	0.00	0.00	1,200	<0.5	0.5 J	25	<0.5	-	-
MW-9	11/16/2009	103.57	15.97	87.60	0.00	0.00	-	-	-	-	-	-	-
MW-9	02/02/2010	103.57	11.68	91.89	0.00	0.00	1,400	<0.5	2	14	<0.5	-	-
MW-9	05/20/2010	103.57	11.11	92.46	0.00	0.00	1,900	2	3	12	<0.5	-	-
MW-9	08/23/2010 ²⁸	103.57	13.05	90.52	0.00	0.00	-	-	-	-	-	-	-
MW-9	12/07/2010	103.57	11.85	91.72	0.00	0.00	2,400	<0.5	1	15	<0.5	-	-
MW-9	02/03/2011 ²⁸	103.57	11.26	92.31	0.00	0.00	-	-	-	-	-	-	-
MW-9	05/06/2011	103.57	10.24	93.33	0.00	0.00	1,600	<0.5	0.6 J	8	<0.5	-	-

TABLE 1

**GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 90260
21995 FOOTHILL BOULEVARD
HAYWARD, CALIFORNIA**

Location	Date	TOC	DTW	GWE	LNAPLT	LNAPL REMOVED	HYDROCARBONS	PRIMARY VOCS				ADDITIONAL VOCS	
							TPH-GRO	B	T	E	MTBE by SW8260	EDB	1,2-DCA
	Units	ft	ft	ft-amsl	ft	ft	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MW-9	09/16/2011 ²⁸	103.57	12.90	90.67	0.00	0.00	-	-	-	-	-	-	-
MW-9	12/06/2011 ²⁸	103.57	13.24	90.33	0.00	0.00	2,200	<0.5	0.9 J	13	<0.5	-	-
MW-9	03/16/2012 ²⁸	103.57	12.98	90.59	0.00	0.00	-	-	-	-	-	-	-
MW-9	06/21/2012	103.57	12.84	90.73	0.00	0.00	3,700	<1	4 J	39	<1	-	<1
MW-10	10/27/1988	-	-	-	-	-	<500	26	13	<5.0	-	-	-
MW-10	01/05/1989	-	12.64	89.72	-	-	<1,000	<0.3	<0.3	<0.3	-	-	-
MW-10	04/06/1989	102.36	11.38	90.98	-	-	-	-	-	-	-	-	-
MW-10	06/28/1989	102.36	13.64	88.72	-	-	<500	<0.5	<0.5	<0.5	-	-	-
MW-10	10/03/1989	102.36	13.85	88.51	-	-	<500	<0.5	<0.5	<0.5	-	-	-
MW-10	01/04/1990	102.36	13.75	88.61	-	-	<50	0.5	1.1	<0.5	-	-	-
MW-10	04/03/1990	102.36	12.86	89.50	-	-	<50	<0.5	<0.5	<0.5	-	-	-
MW-10	07/03/1990	102.36	13.43	88.93	-	-	-	-	-	-	-	-	-
MW-10	11/06/1990	102.36	14.82	87.54	-	-	-	-	-	-	-	-	-
MW-10	01/04/1991	102.36	13.98	88.38	-	-	<50	<0.5	<0.5	<0.5	-	-	-
MW-10	04/03/1991	102.36	9.79	92.57	-	-	-	-	-	-	-	-	-
MW-10	07/02/1991	102.36	12.28	90.08	-	-	-	-	-	-	-	-	-
MW-10	10/02/1991	102.36	14.53	87.83	-	-	-	-	-	-	-	-	-
MW-10	01/02/1992	102.36	13.60	88.76	-	-	<50	<0.5	<0.5	<0.5	-	-	-
MW-10	04/07/1992	102.36	11.83	90.53	-	-	-	-	-	-	-	-	-
MW-10	08/13/1992	102.36	13.95	88.41	-	-	-	-	-	-	-	-	-
MW-10	12/03/1992	102.36	13.96	88.40	-	-	-	-	-	-	-	-	-
MW-10	03/25/1993	102.36	8.45	93.91	-	-	<50	<0.5	<0.5	<0.5	-	-	-
MW-10	06/23/1993	102.36	11.60	91.03	-	-	-	-	-	-	-	-	-
MW-10	09/21/1993	102.36	13.32	89.31	-	-	-	-	-	-	-	-	-
MW-10	12/02/1993	102.36	13.27	89.36	-	-	-	-	-	-	-	-	-
MW-10	03/08/1994	102.36	10.85	91.51	-	-	<50	<0.5	<0.5	<0.5	-	-	-

TABLE 1

**GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 90260
21995 FOOTHILL BOULEVARD
HAYWARD, CALIFORNIA**

Location	Date	TOC	DTW	GWE	LNAPLT	LNAPL REMOVED	HYDROCARBONS	PRIMARY VOCs				ADDITIONAL VOCs	
							TPH-GRO	B	T	E	MTBE by SW8260	EDB	1,2-DCA
Units		ft	ft	ft-amsl	ft	ft	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MW-10	06/13/1994	102.36	-	-	-	-	-	-	-	-	-	-	-
MW-10	10/04/1994	102.36	13.90	88.46	-	-	-	-	-	-	-	-	-
MW-10	11/14/1994	102.36	11.80	90.56	-	-	<50	<0.5	<0.5	<0.5	-	-	-
MW-10	05/15/1995	102.36	8.98	93.38	-	-	<50	<0.5	<0.5	<0.5	-	-	-
MW-10	08/04/1995	102.36	10.44	91.92	-	-	<50	<0.5	<0.5	<0.5	-	-	-
MW-10	11/28/1995	102.36	13.55	88.81	-	-	<50	1.6	0.81	<0.5	<0.6	-	-
MW-10	02/20/1996	102.36	8.52	93.84	-	-	<50	<0.5	<0.5	<0.5	<5.0	-	-
MW-10	05/29/1996	102.36	9.20	93.16	-	-	<50	<0.5	<0.5	<0.5	<5.0	-	-
MW-10	08/27/1996	102.36	12.01	90.35	-	-	<50	<0.5	<0.5	<0.5	<5.0	-	-
MW-10	11/22/1996	102.36	11.52	90.84	-	-	<50	<0.5	<0.5	<0.5	<5.0	-	-
MW-10	02/18/1997	102.36	8.49	93.87	-	-	<50	0.7	<0.5	<0.5	<5.0	-	-
MW-10	05/23/1997	102.36	10.88	91.48	-	-	<50	<0.5	<0.5	<0.5	<5.0	-	-
MW-10	08/04/1997	102.36	13.29	89.07	-	-	<50	<0.5	<0.5	<0.5	<5.0	-	-
MW-10	11/25/1997	102.36	13.30	89.06	-	-	<50	<0.5	<0.5	<0.5	<5.0	-	-
MW-10	02/25/1998	102.36	7.82	94.54	-	-	<50	<0.5	<0.5	<0.5	<2.5	-	-
MW-10	05/21/1998	102.36	6.14	96.22	-	-	<50	<0.5	<0.5	<0.5	<2.5	-	-
MW-10	08/19/1998	102.36	11.74	90.62	-	-	<50	<0.5	<0.5	<0.5	<2.5	-	-
MW-10	11/19/1998	102.36	13.40	88.96	-	-	<50	<0.5	<0.5	<0.5	<2.5	-	-
MW-10	02/12/1999	102.36	8.42	93.94	-	-	<50	<0.5	<0.5	<0.5	<2.5	-	-
MW-10	05/10/1999	102.36	10.22	92.14	-	-	<50	<0.5	<0.5	<0.5	<5.0 / <2.0 ⁷	-	-
MW-10	09/02/1999	102.36	9.23	93.13	-	-	<50	<0.5	<0.5	<0.5	<5.0	-	-
MW-10	02/03/2000 ³⁶	102.36	-	-	-	-	-	-	-	-	-	-	-
MW-10	05/09/2000 ³⁵	102.36	-	-	-	-	-	-	-	-	-	-	-
MW-10	08/02/2000 ³⁵	102.36	-	-	-	-	-	-	-	-	-	-	-
MW-10	11/09/2000 ³⁵	102.36	-	-	-	-	-	-	-	-	-	-	-
MW-10	02/08/2001 ³⁵	102.36	-	-	-	-	-	-	-	-	-	-	-
MW-10	05/02/2001 ³⁵	102.36	-	-	-	-	-	-	-	-	-	-	-

TABLE 1

**GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 90260
21995 FOOTHILL BOULEVARD
HAYWARD, CALIFORNIA**

Location	Date	TOC	DTW	GWE	LNAPLT	LNAPL REMOVED	HYDROCARBONS	PRIMARY VOCS				ADDITIONAL VOCS	
							TPH-GRO	B	T	E	MTBE by SW8260	EDB	M2-DCA
Units		ft	ft	ft-amsl	ft	ft	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MW-10	08/28/2001 ³⁵	102.36	-	-	-	-	-	-	-	-	-	-	-
MW-10	11/26/2001 ³⁵	102.36	-	-	-	-	-	-	-	-	-	-	-
MW-10	02/22/2002 ³⁵	102.36	-	-	-	-	-	-	-	-	-	-	-
MW-10	05/24/2002	102.36	-	-	-	-	-	-	-	-	-	-	-
MW-10	08/29/2002	102.36	13.46	88.90	0.00	0.00	<50	<0.50	<0.50	<0.50	<2.5	-	-
MW-10	11/29/2002	102.36	13.06	89.30	0.00	0.00	<50	<0.50	<0.50	<0.50	<2.5	-	-
MW-10	02/28/2003	102.36	9.57	92.79	0.00	0.00	<50	<0.50	<0.50	<0.50	<2.5	-	-
MW-10	05/30/2003 ¹⁷	102.36	9.99	92.37	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	-	-
MW-10	08/22/2003 ^{15,17}	102.36	11.82	90.54	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	-	-
MW-10	11/24/2003 ¹⁷	102.36	12.94	89.42	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	-	-
MW-10	02/27/2004 ¹⁷	102.36	8.04	94.32	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	-	-
MW-10	06/21/2004 ¹⁷	102.36	10.71	91.65	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	-	-
MW-10	08/26/2004 ¹⁷	102.36	13.80	88.56	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	-	-
MW-10	11/29/2004 ¹⁷	102.36	13.06	89.30	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	-	-
MW-10	02/11/2005 ¹⁷	102.36	9.87	92.49	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	-	-
MW-10	06/16/2005 ¹⁷	102.36	9.28	93.08	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	-	-
MW-10	08/31/2005 ¹⁷	102.36	12.27	90.09	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	-	-
MW-10	11/30/2005 ¹⁷	102.36	12.92	89.44	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	-	-
MW-10	02/27/2006 ¹⁷	102.36	8.82	93.54	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	-	-
MW-10	05/30/2006 ¹⁷	102.36	8.27	94.09	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	-	-
MW-10	08/29/2006 ¹⁷	102.36	11.81	90.55	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	-	-
MW-10	12/13/2006 ¹⁷	102.36	15.94	86.42	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	-	-
MW-10	02/28/2007 ¹⁷	102.36	8.22	94.14	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	-	-
MW-10	05/30/2007	102.36	10.49	91.87	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	-	-
MW-10	08/29/2007 ¹⁷	102.36	10.15	92.21	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	-	-
MW-10	11/21/2007	104.74	10.36	94.38	0.00	0.00	-	-	-	-	-	-	-
MW-10	02/20/2008	104.74	9.27	95.47	0.00	0.00	-	-	-	-	-	-	-

TABLE 1

GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 90260
21995 FOOTHILL BOULEVARD
HAYWARD, CALIFORNIA

Location	Date	TOC	DTW	GWE	LNAPLT	LNAPL REMOVED	HYDROCARBONS	PRIMARY VOCS				ADDITIONAL VOCS	
							TPH-GRO	B	T	E	MTBE by SW8260	EDB	1,2-DCA
	Units	ft	ft	ft-amsl	ft	ft	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MW-10	05/21/2008	104.74	10.36	94.38	0.00	0.00	-	-	-	-	-	-	-
MW-10	06/24/2008	104.74	11.28	93.46	0.00	0.00	-	-	-	-	-	-	-
MW-10	08/22/2008	104.74	13.27	91.47	0.00	0.00	-	-	-	-	-	-	-
MW-10	11/21/2008	104.74	17.04	87.70	0.00	0.00	-	-	-	-	-	-	-
MW-10	02/03/2009	104.74	13.25	91.49	0.00	0.00	-	-	-	-	-	-	-
MW-10	05/28/2009	104.74	11.95	92.79	0.00	0.00	-	-	-	-	-	-	-
MW-10	08/06/2009	104.74	12.62	92.12	0.00	0.00	-	-	-	-	-	-	-
MW-10	11/16/2009	104.74	12.21	92.53	0.00	0.00	-	-	-	-	-	-	-
MW-10	02/02/2010	104.74	8.54	96.20	0.00	0.00	-	-	-	-	-	-	-
MW-10	05/20/2010	104.74	9.62	95.12	0.00	0.00	-	-	-	-	-	-	-
MW-10	08/23/2010 ³²	104.74	10.10	94.64	0.00	0.00	-	-	-	-	-	-	-
MW-10	12/07/2010 ³²	104.74	9.50	95.24	0.00	0.00	-	-	-	-	-	-	-
MW-10	02/03/2011 ³²	104.74	10.01	94.73	0.00	0.00	-	-	-	-	-	-	-
MW-10	05/06/2011 ³²	104.74	8.60	96.14	0.00	0.00	-	-	-	-	-	-	-
MW-10	07/21/2011	Well Destroyed			-	-	-	-	-	-	-	-	-
MW-10	06/21/2012	Well Destroyed			-	-	-	-	-	-	-	-	-
MW-11	06/28/1989	-	14.33	85.64	-	-	60,000	36,000	13,000	2,500	-	-	-
MW-11	10/03/1989	-	14.61	85.36	-	-	14,000	4,200	1,400	240	-	-	-
MW-11	01/04/1990	99.97	14.55	85.42	-	-	82,000	33,000	11,000	2,000	-	-	-
MW-11	04/03/1990	99.97	13.82	86.15	-	-	78,000	35,000	12,000	2,300	-	-	-
MW-11	07/03/1990	99.97	14.00	85.97	-	-	140,000	32,000	12,000	2,100	-	-	-
MW-11	11/06/1990	99.97	15.56	84.41	-	-	-	-	-	-	-	-	-
MW-11	01/04/1991	99.97	14.88	85.09	0.30	-	-	-	-	-	-	-	-
MW-11	04/03/1991	99.97	10.75	89.22	0.21	-	340,000	29,000	14,000	3,700	-	-	-
MW-11	07/02/1991	99.97	13.97	86.00	0.02	-	130,000	27,000	14,000	2,200	-	-	-
MW-11	10/02/1991	99.97	15.60	84.37	-	-	-	-	-	-	-	-	-

TABLE 1

**GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 90260
21995 FOOTHILL BOULEVARD
HAYWARD, CALIFORNIA**

Location	Date	TOC	DTW	GWE	LNAPLT	LNAPL REMOVED	HYDROCARBONS	PRIMARY VOCs				ADDITIONAL VOCs	
							TPH-GRO	B	T	E	MTBE by SW8260	EDB	M2-DCA
Units		ft	ft	ft-amsl	ft	ft	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MW-11	01/02/1992	99.97	14.51	85.46	-	-	77,000	18,000	14,000	1,900	-	-	-
MW-11	04/07/1992	99.97	13.13	86.84	-	-	-	-	-	-	-	-	-
MW-11	08/13/1992	99.97	17.04	82.53	-	-	-	-	-	-	-	-	-
MW-11	12/03/1992	99.57	15.59	83.98	-	-	-	-	-	-	-	-	-
MW-11	03/25/1993	99.57	10.06	89.51	-	-	110,000	13,000	2,100	5,900	-	-	-
MW-11	03/08/1994	99.57	11.70	87.87	-	-	-	-	-	-	-	-	-
MW-11	06/13/1994	99.57	12.16	87.41	-	-	-	-	-	-	-	-	-
MW-11	10/04/1994 ³	99.57	-	-	-	-	-	-	-	-	-	-	-
MW-11	11/14/1994 ³	99.57	-	-	-	-	-	-	-	-	-	-	-
MW-11	05/15/1995	99.57	10.02	89.55	-	-	-	-	-	-	-	-	-
MW-11	08/04/1995	99.57	11.82	87.75	-	-	33,000	9,400	3,000	1,800	-	-	-
MW-11	11/28/1995 ²⁸	99.57	16.72	82.85	-	-	-	-	-	-	-	-	-
MW-11	02/20/1996	99.57	10.00	89.57	-	-	22,000	4,500	2,200	560	<120	-	-
MW-11	05/29/1996	99.57	11.14	88.43	-	-	-	-	-	-	-	-	-
MW-11	08/27/1996	99.57	13.13	86.44	-	-	85,000	10,000	6,600	1,500	260	-	-
MW-11	11/22/1996	99.57	12.10	87.47	-	-	-	-	-	-	-	-	-
MW-11	02/18/1997	99.57	9.23	90.34	-	-	42,000	7,100	3,100	830	510	-	-
MW-11	05/23/1997	99.57	12.28	87.29	-	-	-	-	-	-	-	-	-
MW-11	08/04/1997	99.57	12.85	86.72	-	-	79,000	14,000	8,400	2,300	6,900	-	-
MW-11	11/25/1997	99.57	13.86	85.71	-	-	-	-	-	-	-	-	-
MW-11	02/25/1998	99.57	17.02	82.55	-	-	34,000	5,200	2,200	1,200	5,000 / 5,300 ⁷	-	-
MW-11	05/21/1998	99.57	11.17	88.40	-	-	-	-	-	-	-	-	-
MW-11	08/19/1998	99.57	18.78	80.79	-	-	-	-	-	-	-	-	-
MW-11	11/19/1998	99.57	18.35	81.22	-	-	16,000	1,200	<100	690	540	-	-
MW-11	02/12/1999	99.57	11.42	88.15	-	-	4,200	580	41	220	<50	-	-
MW-11	05/10/1999	99.57	12.56	87.01	-	-	-	-	-	-	-	-	-
MW-11	09/02/1999	99.57	14.74	84.83	-	-	5,150	496	43.6	150	<250	-	-

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**GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 90260
21995 FOOTHILL BOULEVARD
HAYWARD, CALIFORNIA**

Location	Date	TOC	DTW	GWE	LNAPLT	LNAPL REMOVED	HYDROCARBONS	PRIMARY VOCs				ADDITIONAL VOCs	
							TPH-GRO	B	T	E	MTBE by SW8260	EDB	1,2-DCA
							$\mu\text{g/L}$	$\mu\text{g/L}$	$\mu\text{g/L}$	$\mu\text{g/L}$	$\mu\text{g/L}$	$\mu\text{g/L}$	$\mu\text{g/L}$
Units		ft	ft	ft-amsl	ft	ft							
MW-11	02/03/2000	99.57	12.34	87.23	-	-	14,000	3,400	150	860	<250	-	-
MW-11	05/09/2000 ¹⁵	99.57	12.33	87.24	0.00	0.00	-	-	-	-	-	-	-
MW-11	08/02/2000 ¹⁵	99.57	14.05	85.52	0.00	0.00	7,100 ⁸	2,900	61	<20	<100	-	-
MW-11	11/09/2000 ¹⁵	99.57	14.72	84.85	0.00	0.00	-	-	-	-	-	-	-
MW-11	02/08/2001 ¹⁵	99.57	14.89	84.68	0.00	0.00	18,100 ¹¹	4,300	146	743	<250	-	-
MW-11	05/02/2001 ¹⁵	99.57	15.75	83.82	0.00	0.00	-	-	-	-	-	-	-
MW-11	08/28/2001 ¹⁵	99.57	17.02	82.55	0.00	0.00	2,900 ¹³	600	35	120	100	-	-
MW-11	11/26/2001 ^{15,28}	99.57	14.67	84.90	0.00	0.00	-	-	-	-	-	-	-
MW-11	02/22/2002 ¹⁵	99.57	11.57	88.00	0.00	0.00	7,700	710	61	370	<20	-	-
MW-11	05/24/2002 ^{15,28}	99.57	14.76	84.81	0.00	0.00	-	-	-	-	-	-	-
MW-11	08/29/2002 ¹⁵	99.57	15.16	84.41	0.00	0.00	14,000	1,300	82	630	<20	-	-
MW-11	11/29/2002 ^{15,28}	99.57	14.75	84.82	0.00	0.00	-	-	-	-	-	-	-
MW-11	02/28/2003	99.57	11.60	87.97	0.00	0.00	5,100	600	95	150	<50	-	-
MW-11	05/30/2003 ²⁸	99.57	12.40	87.17	0.00	0.00	-	-	-	-	-	-	-
MW-11	08/22/2003 ¹⁷	99.57	14.43	85.14	0.00	0.00	25,000	3,000	980	1,200	7	-	-
MW-11	11/24/2003 ²⁸	99.57	15.05	84.52	0.00	0.00	-	-	-	-	-	-	-
MW-11	02/27/2004 ¹⁷	99.57	9.78	89.79	0.00	0.00	10,000	970	570	430	1	-	-
MW-11	06/21/2004 ²⁸	99.57	14.06	85.51	0.00	0.00	-	-	-	-	-	-	-
MW-11	08/26/2004 ¹⁷	99.57	15.13	84.44	0.00	0.00	22,000	1,500	790	1,000	4	-	-
MW-11	11/29/2004 ²⁸	99.57	14.82	84.75	0.00	0.00	-	-	-	-	-	-	-
MW-11	02/11/2005 ¹⁷	99.57	11.98	87.59	0.00	0.00	18,000	830	310	680	1	-	-
MW-11	06/16/2005 ²⁸	99.57	11.71	87.86	0.00	0.00	-	-	-	-	-	-	-
MW-11	08/31/2005 ¹⁷	99.57	13.58	85.99	0.00	0.00	20,000	1,200	740	1,100	4	-	-
MW-11	11/30/2005 ²⁸	99.57	14.06	85.51	0.00	0.00	-	-	-	-	-	-	-
MW-11	02/27/2006 ¹⁷	99.57	11.30	88.27	0.00	0.00	18,000	700	340	770	8	-	-
MW-11	05/30/2006 ^{17,19}	99.57	10.45	89.12	0.00	0.00	13,000	620	270	700	7	-	-
MW-11	08/29/2006 ¹⁷	99.57	12.79	86.78	0.00	0.00	12,000	540	210	600	14	-	-

TABLE 1

**GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 90260
21995 FOOTHILL BOULEVARD
HAYWARD, CALIFORNIA**

Location	Date	TOC	DTW	GWE	LNAPLT	LNAPL REMOVED	HYDROCARBONS	PRIMARY VOCs				ADDITIONAL VOCs	
							TPH-GRO	B	T	E	MTBE by SW8260	EDB	1,2-DCA
	Units	ft	ft	ft-amsl	ft	ft	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MW-11	12/13/2006 ¹⁷	99.57	12.07	87.50	0.00	0.00	13,000	1,100	180	710	22	-	-
MW-11	02/28/2007	-	-	-	-	-	-	-	-	-	-	-	-
MW-11	05/30/2007 ^{17,18}	99.57	12.05	87.52	0.00	0.00	15,000	720	180	1,100	12	-	-
MW-11	08/29/2007 ¹⁷	99.57	-	-	-	-	13,000	500	370	640	22	-	-
MW-11	11/21/2007 ^{17,18}	101.90	13.30	88.60	0.00	0.00	9,700	380	110	410	43	-	-
MW-11	02/20/2008 ¹⁵	101.90	-	-	-	-	-	-	-	-	-	-	-
MW-11	05/21/2008 ^{15,17,18}	101.90	12.38	89.52	0.00	0.00	4,400 ²²	94	44	150	4	-	-
MW-11	06/24/2008 ^{15,17,18,33}	101.90	12.76	89.14	0.00	0.00	4,500	140	30	280	9	-	-
MW-11	08/22/2008 ^{15,17,18,33}	101.90	23.90	78.00	0.00	0.00	3,900 ²²	230	42	33	36	-	-
MW-11	11/21/2008 ^{15,17,18,33}	101.90	24.31	77.59	0.00	0.00	1,400	75	20	13	33	-	-
MW-11	02/03/2009 ^{15,17,18,33}	101.90	-	-	-	-	560	19	3	4	30	-	-
MW-11	05/28/2009	101.90	23.54	78.36	0.00	0.00	110	4	<0.5	0.9 J	4	-	-
MW-11	08/07/2009	101.90	14.58	87.32	0.00	0.00	74 J	5	<0.5	0.8 J	2	-	-
MW-11	11/16/2009	101.90	23.00	78.90	0.00	0.00	120	0.8 J	<0.5	<0.5	7	-	-
MW-11	02/02/2010	101.90	9.10	92.80	0.00	0.00	53 J	<0.5	<0.5	<0.5	0.6 J	-	-
MW-11	05/20/2010	101.90	10.05	91.85	0.00	0.00	<50	0.8 J	<0.5	<0.5	<0.5	-	-
MW-11	08/23/2010 ²⁰	101.90	13.38	88.52	0.00	0.00	160	5	<0.5	1	0.9 J	-	-
MW-11	12/07/2010 ²⁰	101.90	11.37	90.53	0.00	0.00	230	3	<0.5	<0.5	2	-	-
MW-11	02/03/2011 ²⁰	101.90	11.34	90.56	0.00	0.00	470	6	2	1	2	-	-
MW-11	05/06/2011	101.90	9.90	92.00	0.00	0.00	870	9	1	1	0.7 J	-	-
MW-11	09/16/2011	101.90	12.56	89.34	0.00	0.00	410	2	0.8 J	<0.5	1	-	-
MW-11	12/06/2011	101.90	12.90	89.00	0.00	0.00	430	2	<0.5	<0.5	1	-	-
MW-11	03/16/2012	101.90	11.40	90.50	0.00	0.00	870	5	1	2	1	-	-
MW-11	06/21/2012	101.90	11.79	90.11	0.00	0.00	2,400	12	6 J	9	<1	-	<1
MW-12	06/28/1989	-	14.10	85.54	-	-	55,000	30,000	21,000	2,900	-	-	-
MW-12	10/03/1989	-	14.30	85.34	-	-	170,000	30,000	23,000	2,700	-	-	-

TABLE 1

**GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 90260
21995 FOOTHILL BOULEVARD
HAYWARD, CALIFORNIA**

Location	Date	TOC	DTW	GWE	LNAPL	LNAPL REMOVED	HYDROCARBONS	PRIMARY VOCs				ADDITIONAL VOCs	
							TPH-GRO	B	T	E	MTBE by SW8260	EDB	1,2-DCA
	Units	ft	ft	ft-amsl	ft	ft	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MW-12	01/04/1990	99.64	14.35	85.29	-	-	110,000	24,000	19,000	2,300	-	-	-
MW-12	04/03/1990	99.64	13.59	86.05	-	-	89,000	41,000	28,000	3,300	-	-	-
MW-12	07/03/1990	99.64	13.77	85.87	-	-	170,000	27,000	20,000	2,200	-	-	-
MW-12	11/06/1990	99.64	15.19	84.45	0.06	-	110,000	28,000	21,000	2,400	-	-	-
MW-12	01/04/1991	99.64	14.52	-	-	-	-	-	-	-	-	-	-
MW-12	04/03/1991	99.64	10.91	-	-	-	-	-	-	-	-	-	-
MW-12	04/09/1991	99.64	-	-	-	-	170,000	39,000	17,000	2,400	-	-	-
MW-12	07/02/1991	99.64	13.51	-	-	-	-	-	-	-	-	-	-
MW-12	10/02/1991	99.64	14.93	-	-	-	170,000	27,000	15,000	2,600	-	-	-
MW-12	01/02/1992	99.64	14.45	85.19	-	-	-	-	-	-	-	-	-
MW-12	04/07/1992	99.64	13.05	86.59	-	-	-	-	-	-	-	-	-
MW-12	08/13/1992	99.22	17.39	81.83	-	-	-	-	-	-	-	-	-
MW-12	12/03/1992	99.22	15.34	83.88	-	-	2,400,000	19,000	21,000	14,000	-	-	-
MW-12	03/25/1993	99.22	10.37	88.85	-	-	-	-	-	-	-	-	-
MW-12	06/23/1993	99.22	12.21	87.01	-	-	110,000	30,000	19,000	2,000	-	-	-
MW-12	03/08/1994	99.22	11.95	87.27	-	-	-	-	-	-	-	-	-
MW-12	06/13/1994	99.22	12.35	86.87	-	-	62,000	6,600	6,900	2,400	-	-	-
MW-12	10/04/1994 ³	99.22	-	-	-	-	-	-	-	-	-	-	-
MW-12	11/14/1994 ³	99.22	-	-	-	-	-	-	-	-	-	-	-
MW-12	05/15/1995	99.22	10.06	89.16	-	-	<50	<0.5	<0.5	<0.5	-	-	-
MW-12	08/04/1995	99.22	11.60	87.62	-	-	-	-	-	-	-	-	-
MW-12	11/28/1995	99.22	16.63	82.59	-	-	110,000	26,000	22,000	2,300	1,100	-	-
MW-12	02/20/1996 ²⁸	99.22	11.10	88.12	-	-	-	-	-	-	-	-	-
MW-12	05/29/1996	99.22	11.48	87.74	-	-	120,000	18,000	18,000	2,000	710	-	-
MW-12	08/27/1996	99.22	12.50	86.72	-	-	-	-	-	-	-	-	-
MW-12	11/22/1996	99.22	12.92	86.30	-	-	160,000	24,000	22,000	1,900	980	-	-
MW-12	02/18/1997	99.22	9.20	90.02	-	-	-	-	-	-	-	-	-

TABLE 1

**GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 90260
21995 FOOTHILL BOULEVARD
HAYWARD, CALIFORNIA**

Location	Date	TOC	DTW	GWE	LNAPLT	LNAPL REMOVED	HYDROCARBONS	PRIMARY VOCs				ADDITIONAL VOCs	
							TPH-GRO	B	T	E	MTBE by SW8260	EDB	1,2-DCA
Units		ft	ft	ft-amsl	ft	ft	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MW-12	05/23/1997 ⁶	99.22	12.00	87.22	-	-	130,000	27,000	22,000	2,700	6,200	-	-
MW-12	08/04/1997	99.22	12.58	86.64	-	-	130,000	23,000	28,000	2,700	11,000	-	-
MW-12	11/25/1997	99.22	13.92	85.30	-	-	290,000 ⁵	53,000	31,000	6,400	35,000	-	-
MW-12	02/25/1998	99.22	18.21	81.01	-	-	-	-	-	-	-	-	-
MW-12	05/21/1998	99.22	11.18	88.04	-	-	150,000	14,000	16,000	1,800	66,000 / 69,000 ⁷	-	-
MW-12	08/19/1998	99.22	18.40	80.82	-	-	-	-	-	-	-	-	-
MW-12	11/19/1998	99.22	17.98	81.24	-	-	68,000	15,000	10,000	2,000	14,000	-	-
MW-12	02/12/1999	99.22	14.95	84.27	-	-	-	-	-	-	-	-	-
MW-12	05/10/1999	99.22	12.47	86.75	-	-	72,600	9,920	8,100	1,600	25,800 / 32,500 ⁷	-	-
MW-12	09/02/1999	99.22	13.85	85.37	-	-	-	-	-	-	-	-	-
MW-12	02/03/2000	99.22	12.45	86.77	-	-	-	-	-	-	-	-	-
MW-12	05/09/2000 ¹⁵	99.22	12.26	86.96	0.00	0.00	27,000 ⁸	7,800	4,000	<100	6,100	-	-
MW-12	08/02/2000 ^{15,28}	99.22	13.85	85.37	0.00	0.00	-	-	-	-	-	-	-
MW-12	11/09/2000 ¹⁵	99.22	14.49	84.73	0.00	0.00	46,400	9,550	5,470	1,240	5,150	-	-
MW-12	02/08/2001 ¹⁵	99.22	14.79	84.43	0.00	0.00	-	-	-	-	-	-	-
MW-12	05/02/2001 ¹⁵	99.22	15.73	83.49	0.00	0.00	94,000	8,720	3,630	<2,500	3,410	-	-
MW-12	08/28/2001 ^{15,28}	99.22	17.06	82.16	0.00	0.00	-	-	-	-	-	-	-
MW-12	11/26/2001 ¹⁵	99.22	14.95	84.27	0.00	0.00	5,000	770	72	150	230	-	-
MW-12	02/22/2002 ^{15,28}	99.22	11.79	87.43	0.00	0.00	-	-	-	-	-	-	-
MW-12	05/24/2002 ¹⁵	99.22	14.80	84.42	0.00	0.00	52,000	5,200	4,500	1,800	990	-	-
MW-12	08/29/2002 ^{15,28}	99.22	14.98	84.24	0.00	0.00	-	-	-	-	-	-	-
MW-12	11/29/2002	99.22	14.53	84.69	0.00	0.00	40,000	4,900	3,800	1,100	1,000	-	-
MW-12	02/28/2003 ²⁸	99.22	11.41	87.81	0.00	0.00	-	-	-	-	-	-	-
MW-12	05/30/2003 ¹⁷	99.22	12.25	86.97	0.00	0.00	46,000	4,300	3,100	1,400	670	-	-
MW-12	08/22/2003 ²⁸	99.22	14.06	85.16	0.00	0.00	-	-	-	-	-	-	-
MW-12	11/24/2003 ¹⁷	99.22	14.60	84.62	0.00	0.00	45,000	5,200	3,100	1,400	480	-	-
MW-12	02/27/2004 ²⁸	99.22	11.06	88.16	0.00	0.00	-	-	-	-	-	-	-

TABLE 1

**GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 90260
21995 FOOTHILL BOULEVARD
HAYWARD, CALIFORNIA**

Location	Date	TOC	DTW	GWE	LNAPLT	LNAPL REMOVED	HYDROCARBONS	PRIMARY VOCs				ADDITIONAL VOCs	
							TPH-GRO	B	T	E	MTBE by SW8260	EDB	M2-DCA
	Units	ft	ft	ft-amsl	ft	ft	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MW-12	06/21/2004 ¹⁷	99.22	13.83	85.39	0.00	0.00	53,000	6,100	5,400	1,800	370	-	-
MW-12	08/26/2004 ²⁸	99.22	13.92	85.30	0.00	0.00	-	-	-	-	-	-	-
MW-12	11/29/2004 ¹⁷	99.22	13.52	85.70	0.00	0.00	62,000	7,300	5,700	1,600	370	-	-
MW-12	02/11/2005 ²⁸	99.22	10.87	88.35	0.00	0.00	-	-	-	-	-	-	-
MW-12	06/16/2005 ¹⁷	99.22	11.02	88.20	0.00	0.00	49,000	3,400	4,100	1,600	180	-	-
MW-12	08/31/2005 ²⁸	99.22	12.46	86.76	0.00	0.00	-	-	-	-	-	-	-
MW-12	11/30/2005 ⁴²	99.22	-	-	-	-	-	-	-	-	-	-	-
MW-12	02/27/2006 ²⁸	99.22	10.96	88.26	0.00	0.00	-	-	-	-	-	-	-
MW-12	05/30/2006 ^{17,19}	99.22	10.17	89.05	0.00	0.00	54,000	3,800	4,900	1,900	230	-	-
MW-12	08/29/2006 ¹⁷	99.22	12.39	86.83	0.00	0.00	63,000	3,300	4,900	1,400	210	-	-
MW-12	12/13/2006 ¹⁷	99.22	11.95	87.27	0.00	0.00	70,000	6,200	10,000	1,900	230	-	-
MW-12	02/28/2007	-	-	-	-	-	-	-	-	-	-	-	-
MW-12	05/30/2007 ^{17,18}	99.22	11.80	87.42	0.00	0.00	71,000	3,500	6,700	1,500	150	-	-
MW-12	08/29/2007 ¹⁷	99.22	-	-	-	-	58,000	5,200	8,800	1,500	120	-	-
MW-12	11/21/2007 ^{17,18}	101.65	13.33	88.32	0.00	0.00	30,000	5,000	4,400	720	45	-	-
MW-12	02/20/2008 ¹⁵	101.65	-	-	-	-	-	-	-	-	-	-	-
MW-12	05/21/2008 ^{15,17,18}	101.65	12.18	89.47	0.00	0.00	37,000 ²²	5,300	6,100	1,100	36	-	-
MW-12	06/24/2008 ^{15,17,18,33}	101.65	12.54	89.11	0.00	0.00	24,000	6,700	7,600	1,300	80	-	-
MW-12	08/22/2008 ^{15,17,18,33}	101.65	24.24	77.41	0.00	0.00	29,000 ²²	3,200	5,100	360	38	-	-
MW-12	11/21/2008 ^{15,17,18,33}	101.65	23.95	77.70	0.00	0.00	19,000	1,500	2,500	350	<25	-	-
MW-12	02/03/2009 ^{15,17,18, 21,33}	101.65	-	-	-	-	16,000	1,600	2,500	380	22	-	-
MW-12	05/28/2009	101.65	22.63	79.02	0.00	0.00	35,000	1,400	4,400	760	25	-	-
MW-12	08/07/2009	101.65	14.91	86.74	0.00	0.00	40,000	760	3,900	1,700	19	-	-
MW-12	11/16/2009	101.65	22.91	78.74	0.00	0.00	15,000	650	890	160	24	-	-
MW-12	02/02/2010	101.65	9.67	91.98	0.00	0.00	8,500	360	220	530	52	-	-
MW-12	05/20/2010	101.65	10.14	91.51	0.00	0.00	3,300	90	5	140	30	-	-
MW-12	08/23/2010 ²⁰	101.65	13.89	87.76	0.00	0.00	5,300	330	10	500	72	-	-

TABLE 1

**GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 90260
21995 FOOTHILL BOULEVARD
HAYWARD, CALIFORNIA**

Location	Date	TOC	DTW	GWE	LNAPLT	LNAPL REMOVED	HYDROCARBONS	PRIMARY VOCs				ADDITIONAL VOCs	
							TPH-GRO	B	T	E	MTBE by SW8260	EDB	1,2-DCA
	Units	ft	ft	ft-amsl	ft	ft	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MW-12	12/07/2010 ²⁰	101.65	11.40	90.25	0.00	0.00	7,600	370	36	400	55	-	-
MW-12	02/03/2011 ²⁰	101.65	11.80	89.85	0.00	0.00	4,100	410	8	180	70	-	-
MW-12	05/06/2011	101.65	9.87	91.78	0.00	0.00	1,800	210	1	60	62	-	-
MW-12	09/16/2011	101.65	12.38	89.27	0.00	0.00	2,900	180	9	100	35	-	-
MW-12	12/06/2011	101.65	12.76	88.89	0.00	0.00	5,900	230	51	290	22	-	-
MW-12	03/16/2012	101.65	11.80	89.85	0.00	0.00	5,100	190	14	200	26	-	-
MW-12	06/21/2012	101.65	11.87	89.78	0.00	0.00	2,500	71	2 J	72	34	-	<0.5
MW-13	06/28/1989	-	13.22	85.25	-	-	54,000	12,000	10,000	1,900	-	-	-
MW-13	10/03/1989	-	13.54	84.93	-	-	120,000	10,000	10,000	2,300	-	-	-
MW-13	01/04/1990	98.47	13.64	84.83	-	-	87,000	6,800	10,000	2,000	-	-	-
MW-13	04/03/1990	98.47	12.95	85.52	-	-	53,000	12,000	14,000	2,900	-	-	-
MW-13	07/03/1990	98.47	13.05	85.42	-	-	90,000	8,400	11,000	2,000	-	-	-
MW-13	11/06/1990	98.47	14.12	84.35	-	-	-	-	-	-	-	-	-
MW-13	01/04/1991	98.47	14.05	84.42	-	-	72,000	5,500	12,000	2,300	-	-	-
MW-13	04/03/1991	98.47	11.41	87.06	-	-	-	-	-	-	-	-	-
MW-13	07/02/1991	98.47	13.17	85.30	-	-	120,000	12,000	13,000	2,500	-	-	-
MW-13	10/02/1991	98.47	14.24	84.23	-	-	-	-	-	-	-	-	-
MW-13	01/02/1992	98.47	14.13	84.34	0.03	-	-	-	-	-	-	-	-
MW-13	04/07/1992	98.47	13.06	85.41	-	-	-	-	-	-	-	-	-
MW-13	08/13/1992	98.47	14.26	84.21	-	-	84,000	7,400	11,000	2,600	-	-	-
MW-13	12/03/1992	98.47	14.82	83.65	-	-	-	-	-	-	-	-	-
MW-13	03/25/1993	98.47	10.73	87.74	-	-	97,000	5,200	2,500	7,200	-	-	-
MW-13	06/23/1993	98.47	11.97	86.50	-	-	-	-	-	-	-	-	-
MW-13	09/21/1993	98.47	13.08	85.39	-	-	80,000	7,600	9,000	2,900	-	-	-
MW-13	12/02/1993	98.47	13.45	85.02	-	-	-	-	-	-	-	-	-
MW-13	03/08/1994	98.47	11.75	86.72	-	-	78,000	5,300	7,600	2,600	-	-	-

TABLE 1

**GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 90260
21995 FOOTHILL BOULEVARD
HAYWARD, CALIFORNIA**

Location	Date	TOC	DTW	GWE	LNAPLT	LNAPL REMOVED	HYDROCARBONS	PRIMARY VOCs				ADDITIONAL VOCs	
							TPH-GRO	B	T	E	MTBE by SW8260	EDB	M2-DCA
	Units	ft	ft	ft-amsl	ft	ft	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MW-13	06/13/1994	98.47	12.30	86.17	-	-	-	-	-	-	-	-	-
MW-13	10/04/1994	98.47	14.18	84.29	-	-	39,000	2,300	2,700	850	-	-	-
MW-13	11/14/1994	98.47	12.62	85.85	-	-	-	-	-	-	-	-	-
MW-13	05/15/1995	98.47	9.93	88.54	-	-	-	-	-	-	-	-	-
MW-13	08/04/1995	98.47	11.08	87.39	-	-	47,000	7,700	10,000	2,900	-	-	-
MW-13	11/28/1995 ²⁸	98.47	12.95	85.52	-	-	-	-	-	-	-	-	-
MW-13	02/20/1996	98.47	9.86	88.61	-	-	59,000	5,500	5,500	2,900	<120	-	-
MW-13	05/29/1996	98.47	10.30	88.17	-	-	-	-	-	-	-	-	-
MW-13	08/27/1996	98.47	11.97	86.50	-	-	65,000	3,500	2,800	2,200	200	-	-
MW-13	11/22/1996	98.47	11.71	86.76	-	-	-	-	-	-	-	-	-
MW-13	02/18/1997	98.47	9.16	89.31	-	-	69,000	4,500	4,100	2,500	310	-	-
MW-13	05/23/1997	98.47	11.56	86.91	-	-	-	-	-	-	-	-	-
MW-13	08/04/1997	98.47	12.15	86.32	-	-	61,000	5,700	5,100	3,600	230	-	-
MW-13	11/25/1997	98.47	13.12	85.35	-	-	-	-	-	-	-	-	-
MW-13	02/25/1998	98.47	10.51	87.96	-	-	42,000	3,800	1,000	2,000	<250	-	-
MW-13	05/21/1998	98.47	9.35	89.12	-	-	-	-	-	-	-	-	-
MW-13	08/19/1998	98.47	14.00	84.47	-	-	57,000	1,600	440	1,900	<250	-	-
MW-13	11/19/1998 ³⁶	98.47	-	-	-	-	-	-	-	-	-	-	-
MW-13	02/12/1999 ³⁶	98.47	-	-	-	-	-	-	-	-	-	-	-
MW-13	03/26/1999	98.47	9.30	89.17	-	-	30,800	473	101	1,430	106	-	-
MW-13	05/10/1999	98.47	10.73	87.74	-	-	-	-	-	-	-	-	-
MW-13	09/02/1999	98.47	10.99	87.48	-	-	87,000	2,610	19,100	1,510	<2,500	-	-
MW-13	02/03/2000	98.47	10.45	88.02	-	-	2,900	200	16	200	68	-	-
MW-13	05/09/2000	98.47	10.52	87.95	0.00	0.00	-	-	-	-	-	-	-
MW-13	08/02/2000	98.47	11.78	86.69	0.00	0.00	1,600 ⁸	15	4.1	7.3	<13	-	-
MW-13	11/09/2000	98.47	12.29	86.18	0.00	0.00	-	-	-	-	-	-	-
MW-13	02/08/2001	98.47	12.71	85.76	0.00	0.00	-	-	-	-	-	-	-

TABLE 1

**GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 90260
21995 FOOTHILL BOULEVARD
HAYWARD, CALIFORNIA**

Location	Date	TOC	DTW	GWE	LNAPLT	LNAPL REMOVED	HYDROCARBONS	PRIMARY VOCs				ADDITIONAL VOCs	
							TPH-GRO	B	T	E	MTBE by SW8260	EDB	1,2-DCA
	Units	ft	ft	ft-amsl	ft	ft	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MW-13	05/02/2001	98.47	13.49	84.98	0.00	0.00	-	-	-	-	-	-	-
MW-13	08/28/2001 ⁴¹	98.47	-	-	-	-	-	-	-	-	-	-	-
MW-13	11/26/2001 ⁴¹	98.47	-	-	-	-	-	-	-	-	-	-	-
MW-13	02/22/2002 ³¹	98.47	-	-	-	-	-	-	-	-	-	-	-
MW-13	05/24/2002 ²⁸	98.47	12.41	86.06	0.00	0.00	-	-	-	-	-	-	-
MW-13	08/29/2002 ³⁴	98.47	12.90	85.57	0.00	0.00	-	-	-	-	-	-	-
MW-13	11/29/2002 ²⁸	98.47	12.61	85.86	0.00	0.00	-	-	-	-	-	-	-
MW-13	02/28/2003	98.47	9.99	88.48	0.00	0.00	340	<5.0	0.94	0.52	<10	-	-
MW-13	05/30/2003 ³¹	98.47	-	-	-	-	-	-	-	-	-	-	-
MW-13	08/22/2003 ^{17,18}	98.47	12.00	86.47	0.00	0.00	770	10	2	8	<0.5	-	-
MW-13	11/24/2003 ²⁸	98.47	12.62	85.85	0.00	0.00	-	-	-	-	-	-	-
MW-13	02/27/2004 ¹⁷	98.47	10.53	87.94	0.00	0.00	2,300	27	7	14	<0.5	-	-
MW-13	06/21/2004 ²⁸	98.47	12.23	86.24	0.00	0.00	-	-	-	-	-	-	-
MW-13	08/26/2004 ³⁴	98.47	13.22	85.25	0.00	0.00	-	-	-	-	-	-	-
MW-13	11/29/2004 ⁴³	98.47	-	-	-	-	-	-	-	-	-	-	-
MW-13	02/11/2005 ³⁴	98.47	12.84	85.63	0.00	0.00	-	-	-	-	-	-	-
MW-13	06/16/2005 ²⁸	98.47	10.19	88.28	0.00	0.00	-	-	-	-	-	-	-
MW-13	08/31/2005	98.47	-	-	-	-	-	-	-	-	-	-	-
MW-13	11/30/2005	98.47	-	-	-	-	-	-	-	-	-	-	-
MW-13	02/27/2006	98.47	-	-	-	-	-	-	-	-	-	-	-
MW-13	05/30/2006	98.47	-	-	-	-	-	-	-	-	-	-	-
MW-13	08/29/2006	98.47	-	-	-	-	-	-	-	-	-	-	-
MW-13	12/13/2006 ²⁸	98.47	11.81	86.66	0.00	0.00	-	-	-	-	-	-	-
MW-13	02/28/2007 ¹⁷	98.47	10.11	88.36	0.00	0.00	14,000	31	100	720	<3	-	-
MW-13	05/30/2007 ²⁸	98.47	11.64	86.83	0.00	0.00	-	-	-	-	-	-	-
MW-13	08/29/2007 ¹⁷	98.47	12.98	85.49	0.00	0.00	14,000	41	380	810	<1	-	-
MW-13	11/21/2007 ²⁸	98.47	13.07	85.40	0.00	0.00	-	-	-	-	-	-	-

TABLE 1

**GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 90260
21995 FOOTHILL BOULEVARD
HAYWARD, CALIFORNIA**

Location	Date	TOC	DTW	GWE	LNAPLT	LNAPL REMOVED	HYDROCARBONS	PRIMARY VOCs				ADDITIONAL VOCs	
							TPH-GRO	B	T	E	MTBE by SW8260	EDB	1,2-DCA
	Units	ft	ft	ft-amsl	ft	ft	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MW-13	02/20/2008 ¹⁷	98.47	10.35	88.12	0.00	0.00	2,800	4	8	95	<0.5	-	-
MW-13	05/21/2008 ²⁸	98.47	12.26	86.21	0.00	0.00	-	-	-	-	-	-	-
MW-13	06/24/2008	98.47	12.38	86.09	0.00	0.00	-	-	-	-	-	-	-
MW-13	08/22/2008 ¹⁷	98.47	14.20	84.27	0.00	0.00	7,500 ²⁴	5	26	380	<0.5	-	-
MW-13	11/21/2008 ²⁸	98.47	15.83	82.64	0.00	0.00	-	-	-	-	-	-	-
MW-13	02/03/2009 ¹⁷	98.47	15.70	82.77	0.00	0.00	8,400	21	36	630	<1	-	-
MW-13	05/28/2009	98.47	15.20	83.27	0.00	0.00	-	-	-	-	-	-	-
MW-13	08/06/2009	98.47	13.37	85.10	0.00	0.00	4,600	2	3	100	<0.5	-	-
MW-13	11/16/2009	98.47	15.97	82.50	0.00	0.00	-	-	-	-	-	-	-
MW-13	02/02/2010	98.47	9.78	88.69	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	-	-
MW-13	05/20/2010	98.47	9.50	88.97	0.00	0.00	82 J	4	4	2	<0.5	-	-
MW-13	08/23/2010 ²⁸	98.47	11.68	86.79	0.00	0.00	-	-	-	-	-	-	-
MW-13	12/07/2010	98.47	11.05	87.42	0.00	0.00	560	<0.5	2	15	<0.5	-	-
MW-13	02/03/2011 ²⁸	98.47	10.45	88.02	0.00	0.00	-	-	-	-	-	-	-
MW-13	05/06/2011	98.47	9.81	88.66	0.00	0.00	2,600	9	150	250	<0.5	-	-
MW-13	09/16/2011 ²⁸	98.47	11.74	86.73	0.00	0.00	-	-	-	-	-	-	-
MW-13	12/06/2011 ²⁸	98.47	12.34	86.13	0.00	0.00	6,300	4 J	57	560	<3	-	-
MW-13	03/16/2012 ²⁸	98.47	12.01	86.46	0.00	0.00	-	-	-	-	-	-	-
MW-13	06/21/2012	98.47	11.66	86.81	0.00	0.00	5,600	12	160	470	<1	-	<1
MW-14	08/29/1990	-	21.39	78.29	-	-	970	4.0	2.0	0.7	-	-	1.0
MW-14	11/06/1990	-	21.62	78.06	-	-	920	10	10	4.0	-	-	-
MW-14	01/04/1991	99.68	21.69	77.99	-	-	1,000	<0.5	4.0	2.6	-	-	-
MW-14	04/03/1991	99.68	19.53	80.15	-	-	1,200	380	6.0	7.0	-	-	-
MW-14	07/02/1991	99.68	20.93	78.75	-	-	460	27	1.0	1.2	-	-	-
MW-14	10/02/1991	99.68	21.52	78.16	-	-	480	6.7	0.8	1.4	-	-	-
MW-14	01/02/1992	99.68	21.43	78.25	-	-	1,100	2.4	1.5	6.2	-	-	-

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**GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 90260
21995 FOOTHILL BOULEVARD
HAYWARD, CALIFORNIA**

Location	Date	TOC	DTW	GWE	LNAPL	LNAPL REMOVED	HYDROCARBONS	PRIMARY VOCs				ADDITIONAL VOCs	
							TPH-GRO	B	T	E	MTBE by SW8260	EDB	1,2-DCA
Units		ft	ft	ft-amsl	ft	ft	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MW-14	04/07/1992	99.68	21.36	78.32	-	-	290	<0.5	1.4	<0.5	-	-	-
MW-14	08/13/1992	99.68	21.07	78.61	-	-	370	10	1.2	<0.5	-	-	-
MW-14	12/03/1992	99.68	21.67	78.01	-	-	230	1.3	<0.5	<0.5	-	-	-
MW-14	03/25/1993	99.68	19.03	80.65	-	-	390	57	2.1	1.3	-	-	-
MW-14	06/23/1993	99.68	19.94	79.74	-	-	4,400	460	220	16	-	-	-
MW-14	09/21/1993	99.68	20.65	79.03	-	-	680	8.7	1.7	3.2	-	-	-
MW-14	12/02/1993	99.68	21.05	78.63	-	-	900	0.8	7.0	3.0	-	-	-
MW-14	03/08/1994	99.68	20.05	79.63	-	-	1,700	2.4	7.7	5.6	-	-	-
MW-14	06/13/1994	99.68	20.21	79.47	-	-	750	0.8	8.0	3.2	-	-	-
MW-14	10/04/1994	99.68	20.70	78.98	-	-	130	3.4	5.4	<0.5	-	-	-
MW-14	11/14/1994	99.68	20.00	79.68	-	-	9,900	620	1,600	120	-	-	-
MW-14	05/15/1995	99.68	18.49	81.19	-	-	<50	<0.5	<0.5	<0.5	-	-	-
MW-14	08/04/1995	99.68	19.38	80.30	-	-	1,000	170	58	6.6	-	-	-
MW-14	11/28/1995	99.68	20.33	79.35	-	-	1,500	300	72	65	<6.0	-	-
MW-14	02/20/1996	99.68	16.96	82.72	-	-	70	<0.5	<0.5	<0.5	<5.0	-	-
MW-14	05/29/1996	99.68	18.58	81.10	-	-	1,600	170	39	5.0	6.3	-	-
MW-14	08/27/1996	99.68	19.79	79.89	-	-	80	<0.5	<0.5	<0.5	<5.0	-	-
MW-14	11/22/1996	99.68	19.55	80.13	-	-	620	49	13	7.2	210	-	-
MW-14	02/18/1997	99.68	17.31	82.37	-	-	190	14	9.6	3.1	<5.0	-	-
MW-14	05/23/1997	99.68	19.56	80.12	-	-	130	18	16	3.4	<5.0	-	-
MW-14	08/04/1997	99.68	19.88	79.80	-	-	200	8.3	7.9	4.1	<5.0	-	-
MW-14	11/25/1997	99.68	19.77	79.91	-	-	530	42	62	10	<5.0	-	-
MW-14	02/25/1998	99.68	14.28	85.40	-	-	220	26	10	7.0	23	-	-
MW-14	05/21/1998	99.68	17.78	81.90	-	-	8,300	1,400	48	29	<50	-	-
MW-14	08/19/1998	99.68	19.33	80.35	-	-	7,900	610	390	51	<250	-	-
MW-14	11/19/1998	99.68	20.28	79.40	-	-	87	1.0	<0.5	<0.5	27	-	-
MW-14	02/12/1999	99.68	18.32	81.36	-	-	<50	<0.5	<0.5	<0.5	<2.5	-	-

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**GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 90260
21995 FOOTHILL BOULEVARD
HAYWARD, CALIFORNIA**

Location	Date	TOC	DTW	GWE	LNAPLT	LNAPL REMOVED	HYDROCARBONS	PRIMARY VOCs				ADDITIONAL VOCs	
							TPH-GRO	B	T	E	MTBE by SW8260	EDB	1,2-DCA
Units		ft	ft	ft-amsl	ft	ft	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MW-14	05/10/1999	99.68	19.11	80.57	-	-	1,930	254	41.2	6.71	76.4 / <5.0 ⁷	-	-
MW-14	09/02/1999	99.68	20.11	79.57	-	-	647	38.1	1.45	<0.5	10.8	-	-
MW-14	02/03/2000 ³⁸	99.68	18.88	80.80	-	-	-	-	-	-	-	-	-
MW-14	05/09/2000	99.68	18.69	80.99	0.00	0.00	370 ⁹	9.7	2.2	1.3	13	-	-
MW-14	08/02/2000	99.68	19.69	79.99	0.00	0.00	80 ¹⁰	1.2	1.8	0.85	3.1	-	-
MW-14	11/09/2000	99.68	20.19	79.49	0.00	0.00	92.3	<0.500	0.921	<0.500	<2.50	-	-
MW-14	02/08/2001	99.68	20.67	79.01	0.00	0.00	728 ¹¹	33.7	<5.00	<5.00	<25.0	-	-
MW-14	05/02/2001	99.68	20.00	79.68	0.00	0.00	338	3.28	<5.00	<5.00	1.35	-	-
MW-14	08/28/2001	99.68	20.62	79.06	0.00	0.00	83 ¹⁴	1.7	0.64	<0.50	2.6	-	-
MW-14	11/26/2001	99.68	20.55	79.13	0.00	0.00	240	2.8	<0.50	<0.50	<2.5	-	-
MW-14	02/22/2002	99.68	19.27	80.41	0.00	0.00	4,000	460	140	55	<20	-	-
MW-14	05/24/2002	99.68	19.70	79.98	0.00	0.00	5,800	580	360	61	<20	-	-
MW-14	08/29/2002	99.68	20.52	79.16	0.00	0.00	360	14	0.98	<0.50	<2.5	-	-
MW-14	11/29/2002	99.68	20.70	78.98	0.00	0.00	1,400	32	1.8	0.62	<2.5	-	-
MW-14	02/28/2003	99.68	19.27	80.41	0.00	0.00	320	<5.0	0.64	<0.50	<10	-	-
MW-14	05/30/2003 ¹⁷	99.68	19.10	80.58	0.00	0.00	560	150	7	4	<0.5	-	-
MW-14	08/22/2003 ¹⁷	99.68	19.72	79.96	0.00	0.00	690	<0.5	<0.5	<0.5	<0.5	-	-
MW-14	11/24/2003 ¹⁷	99.68	20.58	79.10	0.00	0.00	52	<0.5	<0.5	<0.5	<0.5	-	-
MW-14	02/27/2004 ¹⁷	99.68	19.20	80.48	0.00	0.00	330	<0.5	<0.5	<0.5	<0.5	-	-
MW-14	06/21/2004 ¹⁷	99.68	20.02	79.66	0.00	0.00	<50	1	<0.5	<0.5	<0.5	-	-
MW-14	08/26/2004 ¹⁷	99.68	20.60	79.08	0.00	0.00	160	<0.5	<0.5	<0.5	<0.5	-	-
MW-14	11/29/2004 ¹⁷	99.68	20.52	79.16	0.00	0.00	57	<0.5	<0.5	<0.5	<0.5	-	-
MW-14	02/11/2005 ¹⁷	99.68	19.58	80.10	0.00	0.00	160	<0.5	<0.5	<0.5	<0.5	-	-
MW-14	06/16/2005 ¹⁷	99.68	18.74	80.94	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	-	-
MW-14	08/31/2005 ¹⁷	99.68	19.63	80.05	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	-	-
MW-14	11/30/2005 ³¹	99.68	-	-	-	-	-	-	-	-	-	-	-
MW-14	02/27/2006 ⁴⁰	99.68	-	-	-	-	-	-	-	-	-	-	-

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**GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 90260
21995 FOOTHILL BOULEVARD
HAYWARD, CALIFORNIA**

Location	Date	TOC	DTW	GWE	LNAPLT	LNAPL REMOVED	HYDROCARBONS	PRIMARY VOCs				ADDITIONAL VOCs	
							TPH-GRO	B	T	E	MTBE by SW8260	EDB	1,2-DCA
	Units	ft	ft	ft-amsl	ft	ft	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MW-14	05/30/2006 ¹⁷	99.68	18.11	81.57	0.00	0.00	630	41	17	9	<0.5	-	-
MW-14	08/29/2006 ¹⁷	99.68	19.34	80.34	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	-	-
MW-14	12/13/2006 ¹⁷	99.68	19.18	80.50	0.00	0.00	97	<0.5	<0.5	<0.5	<0.5	-	-
MW-14	02/28/2007 ¹⁷	99.68	18.38	81.30	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	-	-
MW-14	05/30/2007 ¹⁷	99.68	19.91	79.77	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	-	-
MW-14	08/29/2007 ¹⁷	99.68	20.29	79.39	0.00	0.00	<50	<0.5	<0.5	0.8	<0.5	-	-
MW-14	11/21/2007 ¹⁷	101.99	20.48	81.51	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	-	-
MW-14	02/20/2008 ¹⁷	101.99	18.64	83.35	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	-	-
MW-14	05/21/2008 ¹⁷	101.99	19.76	82.23	0.00	0.00	52 ²²	<0.5	<0.5	<0.5	<0.5	-	-
MW-14	06/24/2008 ¹⁷	101.99	19.97	82.02	0.00	0.00	<50	<0.5	3	0.7	<0.5	-	-
MW-14	08/22/2008 ¹⁷	101.99	20.31	81.68	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	-	-
MW-14	11/21/2008 ¹⁷	101.99	21.86	80.13	0.00	0.00	87	<0.5	<0.5	<0.5	<0.5	-	-
MW-14	02/03/2009 ¹⁷	101.99	21.03	80.96	0.00	0.00	52	<0.5	<0.5	<0.5	<0.5	-	-
MW-14	05/28/2009	101.99	20.23	81.76	0.00	0.00	530	1	<0.5	<0.5	<0.5	-	-
MW-14	08/06/2009	101.99	20.50	81.49	0.00	0.00	-	-	-	-	-	-	-
MW-14	11/16/2009	101.99	23.98	78.01	0.00	0.00	58 J	<0.5	<0.5	<0.5	<0.5	-	-
MW-14	02/02/2010	101.99	18.65	83.34	0.00	0.00	-	-	-	-	-	-	-
MW-14	05/20/2010	101.99	18.52	83.47	0.00	0.00	2,500	55	18	19	<0.5	-	-
MW-14	08/23/2010 ²⁸	101.99	19.76	82.23	0.00	0.00	-	-	-	-	-	-	-
MW-14	12/07/2010	101.99	19.66	82.33	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	-	-
MW-14	02/03/2011 ²⁸	101.99	19.20	82.79	0.00	0.00	-	-	-	-	-	-	-
MW-14	05/06/2011	101.99	18.26	83.73	0.00	0.00	2,100	18	22	25	<0.5	-	-
MW-14	09/16/2011 ²⁸	101.99	19.80	82.19	0.00	0.00	-	-	-	-	-	-	-
MW-14	12/06/2011 ³¹	101.99	-	-	-	-	-	-	-	-	-	-	-
MW-14	03/16/2012 ²⁸	101.99	19.69	82.30	0.00	0.00	-	-	-	-	-	-	-
MW-14	06/21/2012 ³¹	101.99	-	-	0.00	0.00	-	-	-	-	-	-	-

TABLE 1

**GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 90260
21995 FOOTHILL BOULEVARD
HAYWARD, CALIFORNIA**

Location	Date	TOC	DTW	GWE	LNAPLT	LNAPL REMOVED	HYDROCARBONS	PRIMARY VOCs				ADDITIONAL VOCs	
							TPH-GRO	B	T	E	MTBE by SW8260	EDB	M2-DCA
Units		ft	ft	ft-amsl	ft	ft	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MW-15	08/29/1990	-	16.58	79.48	-	-	2,000	26	2.0	72	-	-	-
MW-15	11/06/1990	-	17.43	78.63	-	-	1,300	40	5.0	45	-	-	-
MW-15	01/04/1991	96.06	16.37	79.69	-	-	1,700	46	2.8	58	-	-	-
MW-15	04/03/1991	96.06	12.46	83.60	-	-	2,100	74	0.8	44	-	-	-
MW-15	07/02/1991	96.06	16.53	79.53	-	-	1,700	39	<0.5	35	-	-	-
MW-15	10/02/1991	96.06	17.33	78.73	-	-	1,100	50	<0.5	40	-	-	-
MW-15	01/02/1992	96.06	16.46	79.60	-	-	1,300	51	<0.5	30	-	-	-
MW-15	04/07/1992	96.06	14.70	81.36	-	-	2,600	98	<5.0	64	-	-	-
MW-15	08/13/1992	96.06	16.72	79.34	-	-	510	55	<0.5	35	-	-	-
MW-15	12/03/1992	96.06	17.43	78.63	-	-	1,000	64	0.9	22	-	-	-
MW-15	03/25/1993	96.06	13.33	82.73	-	-	1,300	86	52	0.7	-	-	-
MW-15	06/23/1993	96.06	15.23	80.83	-	-	7,300	34	<0.5	85	-	-	-
MW-15	09/21/1993	96.06	16.32	79.74	-	-	1,500	39	<0.5	32	-	-	-
MW-15	12/02/1993	96.06	16.57	79.49	-	-	990	28	4.0	8.0	-	-	-
MW-15	03/08/1994	96.06	14.61	81.45	-	-	3,400	44	4.0	28	-	-	-
MW-15	10/04/1994	96.06	16.48	79.58	-	-	310	11	10	2.2	-	-	-
MW-15	11/14/1994	96.06	14.20	81.86	-	-	450	27	2.4	2.2	-	-	-
MW-15	05/15/1995	96.06	13.38	82.68	-	-	<50	<0.5	<0.5	<0.5	-	-	-
MW-15	08/04/1995	96.06	14.91	81.15	-	-	<50	0.6	<0.5	<0.5	-	-	-
MW-15	11/28/1995	96.06	16.12	79.94	-	-	<50	<0.5	<0.5	<0.5	<0.60	-	-
MW-15	02/20/1996	96.06	10.98	85.08	-	-	1,600	25	0.5	20	16	-	-
MW-15	05/29/1996 ⁴	96.06	-	-	-	-	-	-	-	-	-	-	-
MW-15	08/27/1996	96.06	15.44	80.62	-	-	80	<0.5	<0.5	<0.5	<5.0	-	-
MW-15	11/22/1996	96.06	14.49	81.57	-	-	1,500	14	<0.5	6.1	7.2	-	-
MW-15	02/18/1997	96.06	12.17	83.89	-	-	<50	<0.5	<0.5	<0.5	<5.0	-	-
MW-15	05/23/1997	96.06	15.03	81.03	-	-	130	20	9.7	0.9	<5.0	-	-
MW-15	08/04/1997	96.06	15.48	80.58	-	-	60	1.3	<0.5	<0.5	<5.0	-	-

TABLE 1

**GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 90260
21995 FOOTHILL BOULEVARD
HAYWARD, CALIFORNIA**

Location	Date	TOC	DTW	GWE	LNAPLT	LNAPL REMOVED	HYDROCARBONS	PRIMARY VOCs				ADDITIONAL VOCs	
							TPH-GRO	B	T	E	MTBE by SW8260	EDB	1,2-DCA
Units		ft	ft	ft-amsl	ft	ft	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MW-15	11/25/1997	96.06	15.39	80.67	-	-	<50	<0.5	<0.5	<0.5	<5.0	-	-
MW-15	02/25/1998	96.06	6.53	89.53	-	-	4,300	27	<10	37	<50	-	-
MW-15	05/21/1998	96.06	12.97	83.09	-	-	430	25	<0.5	2.3	<2.5	-	-
MW-15	08/19/1998	96.06	14.90	81.16	-	-	<50	<0.5	<0.5	<0.5	<2.5	-	-
MW-15	11/19/1998	96.06	16.05	80.01	-	-	<50	<0.5	<0.5	<0.5	<2.5	-	-
MW-15	02/12/1999 ³⁶	96.06	-	-	-	-	-	-	-	-	-	-	-
MW-15	05/10/1999	96.06	14.39	81.67	-	-	<50	<0.5	<0.5	<0.5	<5.0 / <2.0 ⁷	-	-
MW-15	09/02/1999	96.06	15.53	80.53	-	-	<50	<0.5	<0.5	<0.5	<5.0	-	-
MW-15	02/03/2000	96.06	12.24	83.82	-	-	480	2.5	<1.0	2.6	<5.0	-	-
MW-15	05/09/2000	96.06	13.65	82.41	0.00	0.00	<50	<0.50	<0.50	<0.50	<2.5	-	-
MW-15	08/02/2000	96.06	15.02	81.04	0.00	0.00	<50	<0.50	<0.50	<0.50	<2.5	-	-
MW-15	11/09/2000	96.06	15.52	80.54	0.00	0.00	<50.0	<0.500	<0.500	<0.500	<2.50	-	-
MW-15	02/08/2001	96.06	15.70	80.36	0.00	0.00	92.6 ¹¹	0.894	<0.500	<0.500	<2.50	-	-
MW-15	05/02/2001	96.06	14.62	81.44	0.00	0.00	<50.0 ¹²	0.830	<5.00	<5.00	<0.500	-	-
MW-15	08/28/2001	96.06	15.91	80.15	0.00	0.00	<50	<0.50	0.71	<0.50	<2.5	-	-
MW-15	11/26/2001	96.06	15.41	80.65	0.00	0.00	<50	<0.50	<0.50	<0.50	<2.5	-	-
MW-15	02/22/2002	96.06	13.55	82.51	0.00	0.00	99	<0.50	<0.50	<0.50	<2.5	-	-
MW-15	05/24/2002	96.06	14.61	81.45	0.00	0.00	<50	<0.50	<0.50	<0.50	<2.5	-	-
MW-15	08/29/2002 ³¹	96.06	-	-	-	-	-	-	-	-	-	-	-
MW-15	11/29/2002 ³¹	96.06	-	-	-	-	-	-	-	-	-	-	-
MW-15	02/28/2003	96.06	14.26	81.80	0.00	0.00	<50	<0.50	<0.50	<0.50	<2.5	-	-
MW-15	05/30/2003 ¹⁷	96.06	14.20	81.86	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	-	-
MW-15	08/22/2003 ¹⁷	96.06	15.06	81.00	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	-	-
MW-15	11/24/2003 ³¹	96.06	-	-	-	-	-	-	-	-	-	-	-
MW-15	02/27/2004 ¹⁷	96.06	10.47	85.59	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	-	-
MW-15	06/21/2004 ¹⁷	96.06	15.18	80.88	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	-	-
MW-15	08/26/2004 ¹⁷	96.06	15.32	80.74	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	-	-

TABLE 1

**GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 90260
21995 FOOTHILL BOULEVARD
HAYWARD, CALIFORNIA**

Location	Date	TOC	DTW	GWE	LNAPLT	LNAPL REMOVED	HYDROCARBONS	PRIMARY VOCs				ADDITIONAL VOCs	
							TPH-GRO	B	T	E	MTBE by SW8260	EDB	1,2-DCA
Units		ft	ft	ft-amsl	ft	ft	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MW-15	11/29/2004 ¹⁷	96.06	15.48	80.58	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	-	-
MW-15	02/11/2005 ¹⁷	96.06	13.89	82.17	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	-	-
MW-15	06/16/2005 ¹⁷	96.06	13.95	82.11	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	-	-
MW-15	08/31/2005 ³¹	96.06	-	-	-	-	-	-	-	-	-	-	-
MW-15	11/30/2005 ¹⁷	96.06	15.72	80.34	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	-	-
MW-15	02/27/2006 ¹⁷	96.06	13.49	82.57	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	-	-
MW-15	05/30/2006 ¹⁷	96.06	12.98	83.08	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	-	-
MW-15	08/29/2006 ¹⁷	96.06	14.55	81.51	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	-	-
MW-15	12/13/2006 ¹⁷	96.06	13.68	82.38	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	-	-
MW-15	02/28/2007 ¹⁷	96.06	12.08	83.98	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	-	-
MW-15	05/30/2007 ¹⁷	96.06	15.24	80.82	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	-	-
MW-15	08/29/2007 ¹⁷	96.06	15.71	80.35	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	-	-
MW-15	11/21/2007 ¹⁷	98.28	15.79	82.49	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	-	-
MW-15	02/20/2008 ¹⁷	98.28	13.25	85.03	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	-	-
MW-15	05/21/2008 ¹⁷	98.28	15.35	82.93	0.00	0.00	<50 ²²	<0.5	<0.5	<0.5	<0.5	-	-
MW-15	06/24/2008 ¹⁷	98.28	15.60	82.68	0.00	0.00	<50	<0.5	6	2	<0.5	-	-
MW-15	08/22/2008 ¹⁷	98.28	16.11	82.17	0.00	0.00	<50 ²²	<0.5	<0.5	<0.5	<0.5	-	-
MW-15	11/21/2008 ¹⁷	98.28	16.62	81.66	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	-	-
MW-15	02/03/2009 ¹⁷	98.28	16.29	81.99	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	-	-
MW-15	05/28/2009	98.28	15.68	82.60	0.00	0.00	82 J	<0.5	<0.5	<0.5	<0.5	-	-
MW-15	08/06/2009	98.28	15.71	82.57	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	-	-
MW-15	11/16/2009	98.28	16.07	82.21	0.00	0.00	-	-	-	-	-	-	-
MW-15	02/02/2010	98.28	12.24	86.04	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	-	-
MW-15	05/20/2010	98.28	-	-	-	-	-	-	-	-	-	-	-
MW-15	08/23/2010 ³¹	98.28	-	-	-	-	-	-	-	-	-	-	-
MW-15	12/07/2010	98.28	14.99	83.29	0.00	0.00	100	<0.5	<0.5	<0.5	<0.5	-	-
MW-15	02/03/2011 ³¹	98.28	14.53	83.75	0.00	0.00	-	-	-	-	-	-	-

TABLE 1

**GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 90260
21995 FOOTHILL BOULEVARD
HAYWARD, CALIFORNIA**

Location	Date	TOC	DTW	GWE	LNAPLT	LNAPL REMOVED	HYDROCARBONS	PRIMARY VOCs				ADDITIONAL VOCs	
							TPH-GRO	B	T	E	MTBE by SW8260	EDB	1,2-DCA
	Units	ft	ft	ft-amsl	ft	ft	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MW-15	05/06/2011	98.28	13.99	84.29	0.00	0.00	120	<0.5	<0.5	<0.5	<0.5	-	-
MW-15	09/16/2011 ²⁸	98.28	15.62	82.66	0.00	0.00	-	-	-	-	-	-	-
MW-15	12/06/2011 ²⁸	98.28	15.92	82.36	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	-	-
MW-15	03/16/2012 ²⁸	98.28	14.33	83.95	0.00	0.00	-	-	-	-	-	-	-
MW-15	06/21/2012³¹	98.28	-	-	0.00	0.00	-	-	-	-	-	-	-
MW-16	08/29/1990	-	20.89	77.26	-	-	11,000	6,000	51	1,100	-	-	-
MW-16	11/06/1990	-	21.27	76.88	-	-	15,000	6,300	340	1,300	-	-	-
MW-16	01/04/1991	98.15	21.63	76.52	-	-	16,000	6,800	820	1,300	-	-	-
MW-16	04/03/1991	98.15	19.32	78.83	-	-	45,000	7,300	2,200	1,800	-	-	-
MW-16	07/02/1991	98.15	20.68	77.47	-	-	30,000	6,400	530	1,500	-	-	-
MW-16	10/02/1991	98.15	21.18	76.97	-	-	24,000	4,600	450	1,400	-	-	-
MW-16	01/02/1992	98.15	21.30	76.85	-	-	20,000	4,700	240	1,200	-	-	-
MW-16	04/07/1992	98.15	20.19	77.96	-	-	40,000	5,000	980	1,100	-	-	-
MW-16	08/13/1992	98.15	20.77	77.38	-	-	17,000	4,500	240	860	-	-	-
MW-16	12/03/1992	98.15	21.44	76.71	-	-	39,000	4,600	410	1,100	-	-	-
MW-16	03/25/1993	98.15	18.83	79.32	-	-	39,000	5,500	1,400	690	-	-	-
MW-16	06/23/1993	98.15	19.72	78.43	-	-	29,000	6,600	1,200	1,400	-	-	-
MW-16	09/21/1993	98.15	20.38	77.77	-	-	36,000	6,300	340	1,200	-	-	-
MW-16	12/02/1993	98.15	20.84	77.31	-	-	28,000	5,600	230	900	-	-	-
MW-16	03/08/1994	98.15	20.27	77.88	-	-	35,000	6,500	760	1,000	-	-	-
MW-16	10/04/1994	98.15	20.58	77.57	-	-	39,000	9,700	680	1,300	-	-	-
MW-16	11/14/1994	98.15	20.12	78.03	-	-	26,000	5,500	640	690	-	-	-
MW-16	05/15/1995	98.15	18.16	79.99	-	-	<50	<0.5	<0.5	<0.5	-	-	-
MW-16	08/04/1995	98.15	19.30	78.85	-	-	23,000	6,200	1,900	1,500	-	-	-
MW-16	11/28/1995	98.15	20.42	77.73	-	-	38,000	6,200	1,700	1,800	<120	-	-
MW-16	02/20/1996	98.15	16.40	81.75	-	-	46,000	6,600	2,200	2,400	<250	-	-

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FORMER CHEVRON SERVICE STATION 90260
21995 FOOTHILL BOULEVARD
HAYWARD, CALIFORNIA**

Location	Date	TOC	DTW	GWE	LNAPLT	LNAPL REMOVED	HYDROCARBONS	PRIMARY VOCs				ADDITIONAL VOCs	
							TPH-GRO	B	T	E	MTBE by SW8260	EDB	1,2-DCA
Units		ft	ft	ft-amsl	ft	ft	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MW-16	05/29/1996	98.15	18.54	79.61	-	-	54,000	6,300	1,600	2,200	<250	-	-
MW-16	08/27/1996	98.15	19.42	78.73	-	-	45,000	4,100	260	1,600	<250	-	-
MW-16	11/22/1996	98.15	19.36	78.79	-	-	36,000	3,500	120	1,400	260	-	-
MW-16	02/18/1997	98.15	17.22	80.93	-	-	62,000	5,800	1,300	2,200	160	-	-
MW-16	05/23/1997	98.15	19.48	78.67	-	-	32,000	4,000	370	1,900	<250	-	-
MW-16	08/04/1997	98.15	19.72	78.43	-	-	26,000	3,300	280	2,100	200	-	-
MW-16	11/25/1997	98.15	19.73	78.42	-	-	38,000	3,900	370	2,400	250	-	-
MW-16	02/25/1998	98.15	14.02	84.13	-	-	60,000	6,400	1,400	2,200	<1,000	-	-
MW-16	05/21/1998	98.15	17.91	80.24	-	-	71,000	5,100	1,200	2,300	560	-	-
MW-16	08/19/1998	98.15	19.25	78.90	-	-	40,000	2,300	740	1,700	<250	-	-
MW-16	11/19/1998	98.15	20.30	77.85	-	-	51,000	2,900	<200	2,200	<1,000	-	-
MW-16	02/12/1999	98.15	17.91	80.24	-	-	11,000	1,100	81	810	130	-	-
MW-16	05/10/1999	98.15	19.13	79.02	-	-	52,300	4,100	587	2,430	708 / <66.7 ⁷	-	-
MW-16	09/02/1999	98.15	19.99	78.16	-	-	26,600	1,400	1,540	1,480	<500	-	-
MW-16	02/03/2000	98.15	18.65	79.50	-	-	47,000	5,600	620	3,000	450	-	-
MW-16	05/09/2000	99.15	18.57	80.58	0.00	0.00	15,000 ⁸	990	100	800	410	-	-
MW-16	08/02/2000	99.15	19.58	79.57	0.00	0.00	10,000 ⁸	1,100	95	1,000	<130	-	-
MW-16	11/09/2000	99.15	20.02	79.13	0.00	0.00	5,580	334	49.3	530	33.6	-	-
MW-16	02/08/2001	99.15	20.59	78.56	0.00	0.00	25,400 ¹¹	1,340	99.9	1,380	350	-	-
MW-16	05/02/2001	99.15	19.71	79.44	0.00	0.00	45,600	2,130	83.6	<2,500	13.3	-	-
MW-16	08/28/2001 ³⁷	99.15	-	-	-	-	-	-	-	-	-	-	-
MW-16	11/26/2001 ³⁷	99.15	-	-	-	-	-	-	-	-	-	-	-
MW-16	02/22/2002	99.15	19.10	80.05	0.00	0.00	32,000	1,300	110	1,800	<50	-	-
MW-16	05/24/2002	99.15	19.50	79.65	0.00	0.00	13,000	590	29	830	<20	-	-
MW-16	08/29/2002	99.15	20.21	78.94	0.00	0.00	9,800	500	28	670	<10	-	-
MW-16	11/29/2002	99.15	20.49	78.66	0.00	0.00	23,000	1,600	110	1,200	<10	-	-
MW-16	02/28/2003	99.15	19.18	79.97	0.00	0.00	20,000	1,300	90	1,000	<100	-	-

TABLE 1

**GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 90260
21995 FOOTHILL BOULEVARD
HAYWARD, CALIFORNIA**

Location	Date	TOC	DTW	GWE	LNAPLT	LNAPL REMOVED	HYDROCARBONS	PRIMARY VOCs				ADDITIONAL VOCs	
							TPH-GRO	B	T	E	MTBE by SW8260	EDB	1,2-DCA
	Units	ft	ft	ft-amsl	ft	ft	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MW-16	05/30/2003 ¹⁷	99.15	18.81	80.34	0.00	0.00	47,000	2,100	160	2,000	<3	-	-
MW-16	08/22/2003 ¹⁷	99.15	19.56	79.59	0.00	0.00	25,000	1,300	94	1,200	2	-	-
MW-16	11/24/2003 ¹⁷	99.15	20.38	78.77	0.00	0.00	13,000	660	47	800	4	-	-
MW-16	02/27/2004 ¹⁷	99.15	16.83	82.32	0.00	0.00	20,000	1,000	70	1,000	3	-	-
MW-16	06/21/2004 ¹⁷	99.15	16.22	82.93	0.00	0.00	11,000	780	23	680	7	-	-
MW-16	08/26/2004 ¹⁷	99.15	20.25	78.90	0.00	0.00	7,600	540	16	450	8	-	-
MW-16	11/29/2004 ¹⁷	99.15	20.32	78.83	0.00	0.00	7,600	370	15	370	6	-	-
MW-16	02/11/2005 ¹⁷	99.15	19.38	79.77	0.00	0.00	42,000	1,800	120	1,800	3	-	-
MW-16	06/16/2005 ¹⁷	99.15	18.63	80.52	0.00	0.00	2,000	170	13	170	4	-	-
MW-16	08/31/2005 ¹⁷	99.15	19.43	79.72	0.00	0.00	30,000	1,800	100	1,800	3	-	-
MW-16	11/30/2005 ¹⁷	99.15	20.27	78.88	0.00	0.00	8,600	370	27	400	8	-	-
MW-16	02/27/2006 ¹⁷	99.15	18.93	80.22	0.00	0.00	4,600	110	9	120	7	-	-
MW-16	05/30/2006 ¹⁷	99.15	18.12	81.03	0.00	0.00	13,000	590	<1	860	3	-	-
MW-16	08/29/2006 ¹⁷	99.15	19.11	80.04	0.00	0.00	14,000	470	38	480	2	-	-
MW-16	12/13/2006 ¹⁷	99.15	19.07	80.08	0.00	0.00	17,000	590	43	860	5	-	-
MW-16	02/28/2007 ¹⁷	99.15	18.06	81.09	0.00	0.00	15,000	510	42	560	5	-	-
MW-16	05/30/2007 ¹⁷	99.15	19.64	79.51	0.00	0.00	11,000	440	25	470	7	-	-
MW-16	08/29/2007 ¹⁷	99.15	19.82	79.33	0.00	0.00	6,200	320	14	250	6.00	-	-
MW-16	11/21/2007 ¹⁷	100.56	20.11	80.45	0.00	0.00	5,900	410	17	260	13	-	-
MW-16	02/20/2008 ¹⁷	100.56	18.56	82.00	0.00	0.00	27,000	1,200	91	1,500	4	-	-
MW-16	05/21/2008 ¹⁷	100.56	19.45	81.11	0.00	0.00	17,000 ²²	920	58	1,200	7	-	-
MW-16	06/24/2008 ¹⁷	100.56	19.58	80.98	0.00	0.00	6,500	360	21	380	10	-	-
MW-16	08/22/2008 ¹⁷	100.56	19.95	80.61	0.00	0.00	12,000 ²⁵	260	10	320	10	-	-
MW-16	11/21/2008 ¹⁷	100.56	19.46	81.10	0.00	0.00	3,300	120	6	100	12	-	-
MW-16	02/03/2009 ¹⁷	100.56	20.68	79.88	0.00	0.00	4,700	160	6	160	14	-	-
MW-16	05/28/2009	100.56	18.76	81.80	0.00	0.00	6,000	190	8	190	9	-	-
MW-16	08/06/2009	101.56	20.07	81.49	0.00	0.00	7,400	250	10	210	11	-	-

TABLE 1

**GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 90260
21995 FOOTHILL BOULEVARD
HAYWARD, CALIFORNIA**

Location	Date	TOC	DTW	GWE	LNAPLT	LNAPL REMOVED	HYDROCARBONS	PRIMARY VOCs				ADDITIONAL VOCs	
							TPH-GRO	B	T	E	MTBE by SW8260	EDB	M2-DCA
	Units	ft	ft	ft-amsl	ft	ft	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MW-16	11/16/2009	101.56	23.60	77.96	0.00	0.00	7,900	260	6	260	10	-	-
MW-16	02/02/2010	101.56	17.90	83.66	0.00	0.00	30,000	1,500	73	2,600	<5	-	-
MW-16	05/20/2010	101.56	18.34	83.22	0.00	0.00	10,000	250	15	420	6	-	-
MW-16	08/23/2010	101.56	19.38	82.18	0.00	0.00	5,000	74	8	180	8	-	-
MW-16	12/07/2010	101.56	19.45	82.11	0.00	0.00	5,800	140	15	260	6	-	-
MW-16	02/03/2011	101.56	18.89	82.67	0.00	0.00	8,500	160	14	440	6	-	-
MW-16	05/06/2011	101.56	18.10	83.46	0.00	0.00	8,300	420	25	650	4	-	-
MW-16	09/16/2011	101.56	19.50	82.06	0.00	0.00	13,000	150	12	420	4	-	-
MW-16	12/06/2011	101.56	20.18	81.38	0.00	0.00	6,300	69	9	230	4	-	-
MW-16	03/16/2012	101.56	19.52	82.04	0.00	0.00	6,100	72	7	170	5	-	-
MW-16	06/21/2012	101.56	18.48	83.08	0.00	0.00	6,800	130	13 J	180	5 J	-	<5
MW-17	08/13/1992	-	23.30	82.70	-	-	<50	<0.5	<0.5	<0.5	-	-	-
MW-17	12/03/1992	-	24.74	81.26	-	-	<50	<0.5	<0.5	<0.5	-	-	-
MW-17	03/25/1993	106.00	22.14	83.86	-	-	<50	<0.5	<0.5	<0.5	-	-	-
MW-17	06/23/1993	106.00	23.02	82.98	-	-	<50	<0.5	<0.5	<0.5	-	-	-
MW-17	09/21/1993	106.00	23.09	82.91	-	-	<50	<0.5	<0.5	<0.5	-	-	-
MW-17	12/02/1993	106.00	23.37	82.63	-	-	-	-	-	-	-	-	-
MW-17	03/08/1994	106.00	22.83	83.17	-	-	<50	<0.5	<0.5	<0.5	-	-	-
MW-17	06/13/1994	106.00	22.62	83.38	-	-	<50	1.2	1.1	<0.5	-	-	-
MW-17	10/04/1994	106.00	23.00	83.00	-	-	62	8.0	2.9	0.7	-	-	-
MW-17	11/14/1994	106.00	23.03	82.97	-	-	550	22	120	8.9	-	-	-
MW-17	05/15/1995	106.00	21.72	84.28	-	-	<50	<0.5	<0.5	<0.5	-	-	-
MW-17	08/04/1995	106.00	22.37	83.63	-	-	<50	<0.5	<0.5	<0.5	-	-	-
MW-17	11/28/1995	106.00	22.97	83.03	-	-	<50	<0.5	<0.5	<0.5	<0.6	-	-
MW-17	02/20/1996	106.00	21.78	84.22	-	-	<50	<0.5	<0.5	<0.5	<5.0	-	-
MW-17	05/29/1996	106.00	21.72	84.28	-	-	<50	<0.5	<0.5	<0.5	<5.0	-	-

TABLE 1

**GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 90260
21995 FOOTHILL BOULEVARD
HAYWARD, CALIFORNIA**

Location	Date	TOC	DTW	GWE	LNAPLT	LNAPL REMOVED	HYDROCARBONS	PRIMARY VOCs				ADDITIONAL VOCs	
							TPH-GRO	B	T	E	MTBE by SW8260	EDB	1,2-DCA
Units		ft	ft	ft-amsl	ft	ft	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MW-17	08/27/1996	106.00	22.43	83.57	-	-	<50	<0.5	<0.5	<0.5	<5.0	-	-
MW-17	11/22/1996	106.00	22.82	83.18	-	-	<50	<0.5	<0.5	<0.5	<5.0	-	-
MW-17	02/18/1997	106.00	21.31	84.69	-	-	140	34	11	1.6	71	-	-
MW-17	05/23/1997	106.00	22.25	83.75	-	-	<50	<0.5	<0.5	<0.5	<5.0	-	-
MW-17	08/04/1997	106.00	22.53	83.47	-	-	<50	<0.5	<0.5	<0.5	<5.0	-	-
MW-17	11/25/1997	106.00	22.91	83.09	-	-	<50	<0.5	<0.5	<0.5	<5.0	-	-
MW-17	02/25/1998	106.00	19.63	86.37	-	-	<50	3.8	3.3	1.3	3.5	-	-
MW-17	05/21/1998	106.00	10.61	95.39	-	-	<50	<0.5	<0.5	<0.5	<2.5	-	-
MW-17	08/19/1998	106.00	21.74	84.26	-	-	<50	<0.5	<0.5	<0.5	<2.5	-	-
MW-17	11/19/1998	106.00	22.36	83.64	-	-	<50	<0.5	<0.5	<0.5	<2.5	-	-
MW-17	02/12/1999	106.00	21.84	84.16	-	-	<50	<0.5	<0.5	<0.5	<2.5	-	-
MW-17	05/10/1999	106.00	21.45	84.55	-	-	<50	<0.5	<0.5	<0.5	<5.0 / <2.0 ⁷	-	-
MW-17	09/02/1999	106.00	22.46	83.54	-	-	<50	<0.5	<0.5	<0.5	<5.0	-	-
MW-17	02/03/2000	106.00	22.19	83.81	-	-	<50	<0.5	<0.5	<0.5	<2.5	-	-
MW-17	05/09/2000	106.00	21.79	84.21	0.00	0.00	<50	<0.50	<0.50	<0.50	<2.5	-	-
MW-17	08/02/2000	106.00	22.24	83.76	0.00	0.00	<50	<0.50	<0.50	<0.50	<2.5	-	-
MW-17	11/09/2000	106.00	22.57	83.43	0.00	0.00	<1,000	<10.0	<10.0	<10.0	<50.0	-	-
MW-17	02/08/2001	106.00	22.82	83.18	0.00	0.00	<50.0	<0.500	<0.500	<0.500	<2.50	-	-
MW-17	05/02/2001	106.00	22.48	83.52	0.00	0.00	55.8	<0.500	<5.00	<5.00	<0.500	-	-
MW-17	08/28/2001	106.00	22.95	83.05	0.00	0.00	<50	<0.50	<0.50	<0.50	<2.5	-	-
MW-17	11/26/2001	106.00	23.08	82.92	0.00	0.00	<50	<0.50	<0.50	<0.50	<2.5	-	-
MW-17	02/22/2002	106.00	22.03	83.97	0.00	0.00	<50	<0.50	<0.50	<0.50	<2.5	-	-
MW-17	05/24/2002	106.00	22.16	83.84	0.00	0.00	<50	<0.50	<0.50	<0.50	<2.5	-	-
MW-17	08/29/2002	106.00	23.73	82.27	0.00	0.00	<50	<0.50	<0.50	<0.50	<2.5	-	-
MW-17	11/29/2002	106.00	22.98	83.02	0.00	0.00	<50	<0.50	<0.50	<0.50	<2.5	-	-
MW-17	02/28/2003	106.00	21.98	84.02	0.00	0.00	<50	<0.50	<0.50	<0.50	<2.5	-	-
MW-17	05/30/2003 ¹⁷	106.00	21.85	84.15	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	-	-

TABLE 1

**GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 90260
21995 FOOTHILL BOULEVARD
HAYWARD, CALIFORNIA**

Location	Date	TOC	DTW	GWE	LNAPLT	LNAPL REMOVED	HYDROCARBONS	PRIMARY VOCs				ADDITIONAL VOCs	
							TPH-GRO	B	T	E	MTBE by SW8260	EDB	1,2-DCA
Units		ft	ft	ft-amsl	ft	ft	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MW-17	08/22/2003 ¹⁷	106.00	22.48	83.52	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	-	-
MW-17	11/24/2003 ¹⁷	106.00	22.84	83.16	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	-	-
MW-17	02/27/2004 ¹⁷	106.00	21.93	84.07	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	-	-
MW-17	06/21/2004 ¹⁷	106.00	22.32	83.68	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	-	-
MW-17	08/26/2004 ¹⁷	106.00	23.09	82.91	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	-	-
MW-17	11/29/2004 ¹⁷	106.00	22.79	83.21	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	-	-
MW-17	02/11/2005 ¹⁷	106.00	21.97	84.03	0.00	0.00	<50	<0.5	<0.5	<0.5	1	-	-
MW-17	06/16/2005 ¹⁷	106.00	21.28	84.72	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	-	-
MW-17	08/31/2005 ¹⁷	106.00	22.05	83.95	0.00	0.00	<50	<0.5	<0.5	<0.5	0.7	-	-
MW-17	11/30/2005 ¹⁷	106.00	22.55	83.45	0.00	0.00	<50	<0.5	<0.5	<0.5	0.6	-	-
MW-17	02/27/2006 ¹⁷	106.00	21.56	84.44	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	-	-
MW-17	05/30/2006 ¹⁷	106.00	20.74	85.26	0.00	0.00	<50	<0.5	<0.5	<0.5	1	-	-
MW-17	08/29/2006 ¹⁷	106.00	21.82	84.18	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	-	-
MW-17	12/13/2006 ¹⁷	106.00	22.64	83.36	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	-	-
MW-17	02/28/2007 ¹⁷	106.00	22.37	83.63	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	-	-
MW-17	05/30/2007 ¹⁷	106.00	22.66	83.34	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	-	-
MW-17	08/29/2007 ¹⁷	106.00	23.01	82.99	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	-	-
MW-17	05/28/2009	106.00	22.40	83.60	0.00	0.00	-	-	-	-	-	-	-
MW-17	05/29/2009	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	-
MW-17	08/06/2009	106.00	23.00	83.00	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	-	-
MW-17	11/16/2009	106.00	22.47	83.53	0.00	0.00	-	-	-	-	-	-	-
MW-17	02/02/2010	106.00	22.63	83.37	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	-	-
MW-17	05/20/2010	106.00	21.70	84.30	0.00	0.00	-	-	-	-	-	-	-
MW-17	08/23/2010 ³⁰	106.00	22.57	83.43	0.00	0.00	-	-	-	-	-	-	-
MW-17	12/07/2010 ³⁰	106.00	23.10	82.90	0.00	0.00	-	-	-	-	-	-	-
MW-17	02/03/2011	106.00	22.50	83.50	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	-	-
MW-17	05/06/2011 ³²	106.00	21.53	84.47	0.00	0.00	-	-	-	-	-	-	-

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**GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 90260
21995 FOOTHILL BOULEVARD
HAYWARD, CALIFORNIA**

Location	Date	TOC	DTW	GWE	LNAPLT	LNAPL REMOVED	HYDROCARBONS	PRIMARY VOCs				ADDITIONAL VOCs	
							TPH-GRO	B	T	E	MTBE by SW8260	EDB	1,2-DCA
	Units	ft	ft	ft-amsl	ft	ft	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MW-17	09/16/2011 ³⁰	106.00	22.62	83.38	0.00	0.00	-	-	-	-	-	-	-
MW-17	12/06/2011 ³²	106.00	23.00	83.00	0.00	0.00	-	-	-	-	-	-	-
MW-17	03/16/2012	106.00	23.12	82.88	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	-	-
MW-17	06/21/2012³⁰	106.00	22.52	83.48	0.00	0.00	-	-	-	-	-	-	-
MW-18	08/04/1997	-	16.60	-	-	-	66,000	8,600	6,100	2,800	190	-	-
MW-18	11/25/1997	-	16.22	-	-	-	90,000	8,500	6,000	3,400	1,200	-	-
MW-18	02/25/1998	-	12.75	-	-	-	60,000	6,600	4,000	2,300	<120	-	-
MW-18	05/21/1998	-	15.24	-	-	-	70,000	4,700	1,800	1,700	880	-	-
MW-18	08/19/1998	-	16.34	-	-	-	93,000	4,900	1,700	2,100	<250	-	-
MW-18	11/19/1998	-	17.15	-	-	-	62,000	5,600	2,300	2,700	1,800	-	-
MW-18	02/12/1999	-	16.08	-	-	-	48,000	3,700	2,400	1,900	1,900	-	-
MW-18	05/10/1999	-	14.98	-	-	-	54,700	3,250	1,770	1,900	1,270 / <66.7 ⁷	-	-
MW-18	09/02/1999	-	15.86	-	-	-	34,400	2,120	1,230	1,420	<500	-	-
MW-18	02/03/2000	-	15.91	-	-	-	46,000	2,500	1,100	1,900	<1,000	-	-
MW-18	05/09/2000	-	13.93	-	0.00	0.00	30,000 ⁸	1,400	410	440	1,300	-	-
MW-18	08/02/2000	-	15.25	-	0.00	0.00	22,000 ⁸	1,200	480	1,400	<130	-	-
MW-18	11/09/2000	-	15.85	-	0.00	0.00	29,500	1,130	474	2,020	333	-	-
MW-18	02/08/2001	-	16.27	-	0.00	0.00	61,600 ¹¹	1,700	<500	2,690	<2,500	-	-
MW-18	05/02/2001	-	16.15	-	0.00	0.00	57,800	1,040	104	<2,500	20.1	-	-
MW-18	08/28/2001	-	17.03	-	0.00	0.00	32,000 ¹³	1,200	370	2,100	790	-	-
MW-18	11/26/2001	-	16.64	-	0.00	0.00	41,000	780	320	1,800	<200	-	-
MW-18	02/22/2002	-	14.93	-	0.00	0.00	44,000	950	270	1,300	<100	-	-
MW-18	05/24/2002	-	15.92	-	0.00	0.00	36,000	1,200	460	1,600	<50	-	-
MW-18	08/29/2002	-	16.56	-	0.00	0.00	37,000	970	520	1,900	<50	-	-
MW-18	11/29/2002	-	16.51	-	0.00	0.00	36,000	710	350	1,900	<20	-	-
MW-18	02/28/2003	-	14.53	-	0.00	0.00	19,000	350	130	270	<200	-	-

TABLE 1

**GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 90260
21995 FOOTHILL BOULEVARD
HAYWARD, CALIFORNIA**

Location	Date	TOC	DTW	GWE	LNAPLT	LNAPL REMOVED	HYDROCARBONS	PRIMARY VOCs				ADDITIONAL VOCs	
							TPH-GRO	B	T	E	MTBE by SW8260	EDB	1,2-DCA
	Units	ft	ft	ft-amsl	ft	ft	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MW-18	05/30/2003 ¹⁷	-	14.56	-	0.00	0.00	29,000	390	110	890	<3	-	-
MW-18	08/22/2003 ¹⁷	-	14.70	-	0.00	0.00	17,000	270	67	600	<1	-	-
MW-18	11/24/2003 ¹⁷	-	16.39	-	0.00	0.00	23,000	320	39	980	<1	-	-
MW-18	02/27/2004 ¹⁷	-	13.77	-	0.00	0.00	18,000	200	29	310	<1	-	-
MW-18	06/21/2004 ¹⁷	-	15.55	-	0.00	0.00	30,000	380	40	1,700	<3	-	-
MW-18	08/26/2004 ¹⁷	-	16.69	-	0.00	0.00	25,000	360	27	1,100	<3	-	-
MW-18	11/29/2004 ¹⁷	-	16.45	-	0.00	0.00	27,000	380	30	1,200	<2	-	-
MW-18	02/11/2005 ¹⁷	-	14.48	-	0.00	0.00	26,000	450	44	1,600	<1	-	-
MW-18	06/16/2005 ²⁸	-	14.06	-	0.00	0.00	-	-	-	-	-	-	-
MW-18	08/31/2005 ¹⁷	-	15.08	-	0.00	0.00	27,000	440	57	1,900	<3	-	-
MW-18	11/30/2005 ²⁸	-	16.01	-	0.00	0.00	-	-	-	-	-	-	-
MW-18	02/27/2006 ¹⁷	-	13.63	-	0.00	0.00	31,000	440	81	1,500	<1	-	-
MW-18	05/30/2006 ²⁸	-	12.96	-	0.00	0.00	-	-	-	-	-	-	-
MW-18	08/29/2006 ¹⁷	-	14.85	-	0.00	0.00	28,000	270	49	1,600	<3	-	-
MW-18	12/13/2006 ²⁸	-	15.11	-	0.00	0.00	-	-	-	-	-	-	-
MW-18	02/28/2007 ¹⁷	-	13.37	-	0.00	0.00	27,000	280	61	1,400	<3	-	-
MW-18	05/30/2007 ²⁸	-	15.13	-	0.00	0.00	-	-	-	-	-	-	-
MW-18	08/29/2007 ¹⁷	-	16.14	-	0.00	0.00	26,000	200	42	1,700	<5	-	-
MW-18	11/21/2007 ²⁸	-	16.13	-	0.00	0.00	-	-	-	-	-	-	-
MW-18	02/20/2008 ¹⁷	-	12.83	-	0.00	0.00	24,000	190	44	1,700	<2	-	-
MW-18	05/21/2008 ²⁸	-	14.61	-	0.00	0.00	-	-	-	-	-	-	-
MW-18	06/24/2008	-	15.55	-	0.00	0.00	-	-	-	-	-	-	-
MW-18	08/22/2008 ¹⁷	-	16.78	-	0.00	0.00	23,000	180	55	1,600	<1	-	-
MW-18	11/21/2008 ²⁸	-	17.80	-	0.00	0.00	-	-	-	-	-	-	-
MW-18	02/03/2009 ¹⁷	-	17.89	-	0.00	0.00	23,000	280	77	1,600	<1	-	-
MW-18	05/28/2009	-	17.01	-	-	-	-	-	-	-	-	-	-
MW-18	08/06/2009	100.94	16.63	84.31	0.00	0.00	30,000	150	45	2,100	<3	-	-

TABLE 1

**GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 90260
21995 FOOTHILL BOULEVARD
HAYWARD, CALIFORNIA**

Location	Date	TOC	DTW	GWE	LNAPLT	LNAPL REMOVED	HYDROCARBONS	PRIMARY VOCs				ADDITIONAL VOCs	
							TPH-GRO	B	T	E	MTBE by SW8260	EDB	M2-DCA
	Units	ft	ft	ft-amsl	ft	ft	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MW-18	11/16/2009	100.94	17.60	83.34	0.00	0.00	-	-	-	-	-	-	-
MW-18	02/02/2010	100.94	13.80	87.14	0.00	0.00	14,000	54	17	150	<1	-	-
MW-18	05/20/2010	100.94	13.81	87.13	0.00	0.00	26,000	78	28	1,200	<1	-	-
MW-18	08/23/2010 ²⁸	100.94	15.51	85.43	0.00	0.00	-	-	-	-	-	-	-
MW-18	12/07/2010	100.94	15.06	85.88	0.00	0.00	23,000	47	26	1,300	<1	-	-
MW-18	02/03/2011 ²⁸	100.94	14.50	86.44	0.00	0.00	-	-	-	-	-	-	-
MW-18	05/06/2011	100.94	13.61	87.33	0.00	0.00	22,000	26	30	1,200	<5	-	-
MW-18	09/16/2011 ²⁸	100.94	15.60	85.34	0.00	0.00	-	-	-	-	-	-	-
MW-18	12/06/2011 ²⁸	100.94	16.05	84.89	0.00	0.00	20,000	34	31	1,200	<0.5	-	-
MW-18	03/16/2012 ²⁸	100.94	15.63	85.31	0.00	0.00	-	-	-	-	-	-	-
MW-18	06/21/2012	100.94	15.10	85.84	0.00	0.00	20,000	24 J	47	1,300	<5	-	<5
MW-19	05/30/2006 ^{17,19}	-	10.68	-	0.00	0.00	3,100	94	170	59	100	-	-
MW-19	08/29/2006 ¹⁷	-	12.62	-	0.00	0.00	13,000	1,900	480	150	120	-	-
MW-19	12/13/2006 ¹⁷	-	12.26	-	0.00	0.00	8,800	1,600	100	18	88	-	-
MW-19	02/28/2007 ¹⁷	-	10.24	-	0.00	0.00	3,100	480	17	3	83	-	-
MW-19	05/30/2007	-	12.71	-	0.00	0.00	25,000	7,800	160	31	63	-	-
MW-19	08/29/2007 ¹⁷	-	14.02	-	0.00	0.00	25,000	8,900	170	34	56	-	-
MW-19	11/21/2007 ¹⁷	-	13.81	-	0.00	0.00	13,000	6,100	120	21	60	-	-
MW-19	02/20/2008 ¹⁷	-	11.62	-	0.00	0.00	66	3	<0.5	<0.5	29	-	-
MW-19	05/21/2008 ¹⁷	-	13.02	-	0.00	0.00	130 ²²	40	0.5	2	29	-	-
MW-19	06/24/2008 ¹⁷	-	13.40	-	0.00	0.00	700	730	12	39	31	-	-
MW-19	08/22/2008 ¹⁷	-	15.07	-	0.00	0.00	310	16	<0.5	1	11	-	-
MW-19	11/21/2008 ¹⁷	-	16.06	-	0.00	0.00	55	5	<0.5	<0.5	1	-	-
MW-19	02/03/2009 ¹⁷	-	15.69	-	0.00	0.00	<50	<0.5	<0.5	<0.5	0.6	-	-
MW-19	05/28/2009	-	14.95	-	-	-	<50	<0.5	<0.5	<0.5	4	-	-
MW-19	08/07/2009	100.34	14.31	86.03	0.00	0.00	<50	<0.5	<0.5	<0.5	2	-	-

TABLE 1

**GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 90260
21995 FOOTHILL BOULEVARD
HAYWARD, CALIFORNIA**

Location	Date	TOC	DTW	GWE	LNAPLT	LNAPL REMOVED	HYDROCARBONS	PRIMARY VOCS				ADDITIONAL VOCS	
							TPH-GRO	B	T	E	MTBE by SW8260	EDB	M2-DCA
	Units	ft	ft	ft-amsl	ft	ft	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MW-19	11/16/2009	100.34	16.03	84.31	0.00	0.00	<50	<0.5	<0.5	<0.5	1 J	-	-
MW-19	02/02/2010	100.34	10.64	89.70	0.00	0.00	<50	<0.5	0.6 J	<0.5	1	-	-
MW-19	05/20/2010	100.34	11.03	89.31	0.00	0.00	1,300	400	5	4	39	-	-
MW-19	08/23/2010 ²⁸	100.34	12.81	87.53	0.00	0.00	-	-	-	-	-	-	-
MW-19	12/07/2010	100.34	12.14	88.20	0.00	0.00	6,600	2,500	16	56	71	-	-
MW-19	02/03/2011 ²⁸	100.34	11.59	88.75	0.00	0.00	-	-	-	-	-	-	-
MW-19	05/06/2011	100.34	10.92	89.42	0.00	0.00	450	140	2	3	93	-	-
MW-19	09/16/2011 ²⁸	100.34	13.11	87.23	0.00	0.00	-	-	-	-	-	-	-
MW-19	12/06/2011 ²⁸	100.34	13.29	87.05	0.00	0.00	32,000	10,000	76	320	140	-	-
MW-19	03/16/2012 ²⁸	100.34	12.39	87.95	0.00	0.00	-	-	-	-	-	-	-
MW-19	06/21/2012	100.34	12.59	87.75	0.00	0.00	16,000	5,000	39	130	180	-	<0.5
P-1	08/13/1992	-	10.02	76.41	-	-	-	-	-	-	-	-	-
P-1	12/03/1992	-	10.80	75.63	-	-	-	-	-	-	-	-	-
P-1	03/25/1993	86.43	8.95	77.48	-	-	-	-	-	-	-	-	-
P-1	02/11/2005 ¹⁹	86.43	9.20	77.23	0.00	0.00	110	4	0.6	<0.5	10	-	-
P-1	06/16/2005 ¹⁷	86.43	8.37	78.06	0.00	0.00	53	<0.5	<0.5	<0.5	7	-	-
P-1	08/31/2005 ^{17,33}	86.43	8.95	77.48	0.00	0.00	<50	<0.5	<0.5	<0.5	9	-	-
P-1	11/30/2005 ¹⁷	86.43	9.86	76.57	0.00	0.00	60	<0.5	<0.5	<0.5	13	-	-
P-1	02/27/2006 ¹⁷	86.43	8.95	77.48	0.00	0.00	310	31	0.9	1	7	-	-
P-1	05/30/2006 ^{17,33}	86.43	8.20	78.23	0.00	0.00	84	3	0.6	<0.5	4	-	-
P-1	08/29/2006 ³⁶	86.43	-	-	-	-	-	-	-	-	-	-	-
P-1	12/13/2006 ¹⁷	86.43	9.13	77.30	0.00	0.00	<50	<0.5	<0.5	<0.5	5	-	-
P-1	02/28/2007 ¹⁷	86.43	8.61	77.82	0.00	0.00	160	8	<0.5	<0.5	8	-	-
P-1	05/30/2007 ^{17,33}	86.43	9.20	77.23	0.00	0.00	<50	<0.5	0.6	<0.5	6	-	-
P-1	08/29/2007 ¹⁷	86.43	9.18	77.25	0.00	0.00	<50	<0.5	0.6	<0.5	8	-	-
P-1	11/21/2007 ³⁶	88.63	-	-	-	-	-	-	-	-	-	-	-

TABLE 1

**GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 90260
21995 FOOTHILL BOULEVARD
HAYWARD, CALIFORNIA**

Location	Date	TOC	DTW	GWE	LNAPLT	LNAPL REMOVED	HYDROCARBONS	PRIMARY VOCS				ADDITIONAL VOCS	
							TPH-GRO	B	T	E	MTBE by SW8260	EDB	1,2-DCA
	Units	ft	ft	ft-amsl	ft	ft	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
P-1	02/20/2008 ¹⁷	88.63	8.53	80.10	0.00	0.00	53	<0.5	<0.5	<0.5	8	-	-
P-1	05/21/2008 ¹⁷	88.63	9.01	79.62	0.00	0.00	<50 ²²	<0.5	0.9	<0.5	7	-	-
P-1	06/24/2008 ¹⁷	88.63	9.08	79.55	0.00	0.00	<50	<0.5	0.6	<0.5	8	-	-
P-1	08/22/2008 ¹⁷	88.63	9.24	79.39	0.00	0.00	<50	<0.5	<0.5	<0.5	7	-	-
P-1	11/21/2008 ¹⁷	88.63	9.78	78.85	0.00	0.00	<50	<0.5	0.7	<0.5	9	-	-
P-1	02/03/2009 ^{17,33}	88.63	10.18	78.45	0.00	0.00	<50	2	<0.5	<0.5	14	-	-
P-1	05/28/2009	88.63	9.22	79.41	0.00	0.00	<50	<0.5	<0.5	<0.5	11	-	-
P-1	08/06/2009	88.63	9.41	79.22	0.00	0.00	-	-	-	-	-	-	-
P-1	11/16/2009	88.63	10.21	78.42	0.00	0.00	<50	<0.5	<0.5	<0.5	20	-	-
P-1	02/02/2010	88.63	8.50	80.13	0.00	0.00	-	-	-	-	-	-	-
P-1	05/20/2010	88.63	8.25	80.38	0.00	0.00	<50	<0.5	<0.5	<0.5	16	-	-
P-1	08/23/2010	88.63	8.99	79.64	0.00	0.00	<50	<0.5	<0.5	<0.5	14	-	-
P-1	12/07/2010	88.63	9.45	79.18	0.00	0.00	<50	<0.5	<0.5	<0.5	18	-	-
P-1	02/03/2011	88.63	9.11	79.52	0.00	0.00	54 J	2	<0.5	<0.5	14	-	-
P-1	05/06/2011	88.63	8.03	80.60	0.00	0.00	160	8	0.5 J	<0.5	10	-	-
P-1	09/16/2011	88.63	9.02	79.61	0.00	0.00	<50	<0.5	<0.5	<0.5	13	-	-
P-1	12/06/2011	88.63	9.83	78.80	0.00	0.00	<50	<0.5	<0.5	<0.5	13	-	-
P-1	03/16/2012	88.63	9.35	79.28	0.00	0.00	<50	1	<0.5	<0.5	13	-	-
P-1	06/21/2012	88.63	8.62	80.01	0.00	0.00	<50	<0.5	<0.5	<0.5	11		<0.5
DVE-9	05/30/2006 ^{17,19}	-	11.09	-	0.00	0.00	54,000	2,700	9,100	1,800	190	-	-
DVE-9	08/29/2006 ¹⁷	-	13.51	-	0.00	0.00	65,000	2,200	8,600	1,400	190	-	-
DVE-9	12/13/2006 ¹⁷	-	12.60	-	0.00	0.00	73,000	3,400	12,000	2,100	140	-	-
DVE-9	02/28/2007	-	-	-	-	-	-	-	-	-	-	-	-
DVE-9	05/30/2007 ^{17,18}	-	12.21	-	0.00	0.00	80,000	2,100	14,000	2,300	51	-	-
DVE-9	08/29/2007 ¹⁷	-	-	-	-	-	57,000	2,400	12,000	1,500	96	-	-
DVE-9	11/21/2007 ^{17,18}	102.60	13.73	88.87	0.00	0.00	60,000	2,700	15,000	1,200	44	-	-

TABLE 1

**GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 90260
21995 FOOTHILL BOULEVARD
HAYWARD, CALIFORNIA**

Location	Date	TOC	DTW	GWE	LNAPLT	LNAPL REMOVED	HYDROCARBONS	PRIMARY VOCs				ADDITIONAL VOCs	
							TPH-GRO	B	T	E	MTBE by SW8260	EDB	M2-DCA
Units		ft	ft	ft-amsl	ft	ft	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
DVE-9	02/20/2008 ²²	102.60	-	-	-	-	-	-	-	-	-	-	-
DVE-9	05/21/2008 ^{15,17,18}	102.60	12.80	89.80	0.00	0.00	43,000 ²²	1,300	12,000	1,200	60	-	-
DVE-9	06/24/2008 ^{15,17,18,33}	102.60	13.22	89.38	0.00	0.00	15,000	1,200	13,000	1,300	44	-	-
DVE-9	08/22/2008 ^{15,17,18,33}	102.60	23.97	78.63	0.00	0.00	57,000	1,400	15,000	1,300	130	-	-
DVE-9	11/21/2008 ^{15,17,18,33}	102.60	24.95	77.65	0.00	0.00	45,000	1,700	7,800	1,100	180	-	-
DVE-9	02/03/2009 ^{15,17,18,33}	102.60	-	-	-	-	15,000	920	1,100	140	190	-	-
DVE-9	05/28/2009	102.60	24.39	78.21	0.00	0.00	30,000	2,600	1,900	770	370	-	-
DVE-9	08/07/2009	102.60	15.38	87.22	0.00	0.00	17,000	1,300	480	630	190	-	-
DVE-9	11/16/2009	102.60	23.00	79.60	0.00	0.00	15,000	1,100	670	520	190	-	-
DVE-9	02/02/2010	102.60	9.81	92.79	0.00	0.00	10,000	610	130	470	160	-	-
DVE-9	05/20/2010	102.60	10.36	92.24	0.00	0.00	9,900	540	150	440	120	-	-
DVE-9	08/23/2010 ²⁰	102.60	13.49	89.11	0.00	0.00	9,600	920	160	570	170	-	-
DVE-9	12/07/2010 ²⁰	102.60	11.89	90.71	0.00	0.00	12,000	840	120	550	180	-	-
DVE-9	02/03/2011 ²⁰	102.60	11.13	91.47	0.00	0.00	9,200	540	85	370	120	-	-
DVE-9	05/06/2011	102.60	10.22	92.38	0.00	0.00	6,800	340	36	410	77	-	-
DVE-9	09/16/2011	102.60	12.91	89.69	0.00	0.00	5,100	250	10	240	84	-	-
DVE-9	12/06/2011	102.60	13.26	89.34	0.00	0.00	3,900	190	17	190	57	-	-
DVE-9	03/16/2012	102.60	12.15	90.45	0.00	0.00	6,800	170	36	310	110	-	-
DVE-9	06/21/2012	102.60	12.25	90.35	0.00	0.00	5,600	100	13	270	66	-	<1
DVE-12	05/30/2006 ^{17,19}	-	9.93	-	0.00	0.00	110,000	5,900	20,000	2,100	210	-	-
DVE-12	08/29/2006 ¹⁷	-	12.16	-	0.00	0.00	100,000	5,300	25,000	2,200	110	-	-
DVE-12	12/13/2006 ¹⁷	-	12.11	-	0.00	0.00	120,000	4,400	28,000	1,800	140	-	-
DVE-12	02/28/2007	-	-	-	-	-	-	-	-	-	-	-	-
DVE-12	05/30/2007 ^{17,18}	-	12.41	-	0.00	0.00	120,000	4,600	29,000	2,300	95	-	-
DVE-12	08/29/2007 ^{17,21}	-	-	-	-	-	86,000	38,000	21,000	1,500	79	-	-
DVE-12	11/21/2007 ^{17,18}	101.77	13.03	88.74	0.00	0.00	52,000	3,100	11,000	800	11	-	-

TABLE 1

**GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 90260
21995 FOOTHILL BOULEVARD
HAYWARD, CALIFORNIA**

Location	Date	TOC	DTW	GWE	LNAPLT	LNAPL REMOVED	HYDROCARBONS	PRIMARY VOCs				ADDITIONAL VOCs	
							TPH-GRO	B	T	E	MTBE by SW8260	EDB	1,2-DCA
Units		ft	ft	ft-amsl	ft	ft	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
DVE-12	02/20/2008 ²²	101.77	-	-	-	-	-	-	-	-	-	-	-
DVE-12	05/21/2008 ^{15,17,18,33}	101.77	12.01	89.76	0.00	0.00	56,000 ²²	3,600	18,000	1,100	29	-	-
DVE-12	06/24/2008 ^{15,17,18,33}	101.77	12.66	89.11	0.00	0.00	52,000	3,900	20,000	1,200	36	-	-
DVE-12	08/22/2008 ^{15,17,18,33}	101.77	23.67	78.10	0.00	0.00	60,000	2,900	16,000	910	24	-	-
DVE-12	11/21/2008 ^{15,17,18,33}	101.77	24.27	77.50	0.00	0.00	54,000	790	13,000	550	18	-	-
DVE-12	02/03/2009 ^{15,17,18}	101.77	-	-	-	-	43,000	850	12,000	800	12	-	-
DVE-12	05/28/2009	101.77	24.62	77.15	0.00	0.00	45,000	420	8,400	450	6 J	-	-
DVE-12	08/06/2009	101.77	14.10	87.67	0.00	0.00	63,000	1,200	13,000	1,400	11	-	-
DVE-12	11/16/2009	101.77	23.48	78.29	0.00	0.00	24,000	530	5,000	200	12	-	-
DVE-12	02/02/2010	101.77	9.50	92.27	0.00	0.00	29,000	330	4,700	1,100	20	-	-
DVE-12	05/20/2010	101.77	9.82	91.95	0.00	0.00	30,000	670	1,900	1,400	53	-	-
DVE-12	08/23/2010 ²⁰	101.77	13.15	88.62	0.00	0.00	37,000	910	4,600	1,600	33	-	-
DVE-12	12/07/2010 ²⁰	101.77	11.23	90.54	0.00	0.00	25,000	560	1,800	870	28	-	-
DVE-12	02/03/2011 ²⁰	101.77	10.35	91.42	0.00	0.00	40,000	700	3,000	2,100	31	-	-
DVE-12	05/06/2011	101.77	9.54	92.23	0.00	0.00	35,000	540	1,500	1,700	21	-	-
DVE-12	09/16/2011	101.77	12.23	89.54	0.00	0.00	46,000	420	3,500	1,400	17	-	-
DVE-12	12/06/2011	101.77	12.53	89.24	0.00	0.00	40,000	400	4,300	1,700	14	-	-
DVE-12	03/16/2012	101.77	11.64	90.13	0.00	0.00	40,000	430	2,500	1,800	<13	-	-
DVE-12	06/21/2012	101.77	11.67	90.10	0.00	0.00	41,000	360	830	1,700	13 J	-	<5
DVE-20	05/30/2006 ^{17,19}	-	10.30	-	0.00	0.00	64,000	1,500	6,000	1,600	6	-	-
DVE-20	08/29/2006 ¹⁷	-	12.73	-	0.00	0.00	37,000	840	1,800	1,800	7	-	-
DVE-20	12/13/2006 ¹⁷	-	12.34	-	0.00	0.00	43,000	540	1,800	1,800	<5	-	-
DVE-20	02/28/2007	-	-	-	-	-	-	-	-	-	-	-	-
DVE-20	05/30/2007 ^{17,18}	-	12.19	-	0.00	0.00	53,000	590	4,000	1,900	<5	-	-
DVE-20	08/29/2007 ^{17,21}	-	-	-	-	-	42,000	490	3,800	1 / 800	<10	-	-
DVE-20	11/21/2007 ^{17,18}	102.64	13.64	89.00	0.00	0.00	27,000	92	530	790	<3	-	-

TABLE 1

**GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 90260
21995 FOOTHILL BOULEVARD
HAYWARD, CALIFORNIA**

Location	Date	TOC	DTW	GWE	LNAPLT	LNAPL REMOVED	HYDROCARBONS	PRIMARY VOCs				ADDITIONAL VOCs	
							TPH-GRO	B	T	E	MTBE by SW8260	EDB	1,2-DCA
	Units	ft	ft	ft-amsl	ft	ft	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
DVE-20	02/20/2008 ²²	102.64	-	-	-	-	-	-	-	-	-	-	-
DVE-20	05/21/2008 ^{15,17,18}	102.64	12.97	89.67	0.00	0.00	20,000 ²²	78	540	910	2	-	-
DVE-20	06/24/2008 ^{15,17,18,33}	102.64	12.97	89.67	0.00	0.00	12,000	61	540	1,000	1	-	-
DVE-20	08/22/2008 ^{15,17,18,33}	102.64	23.11	79.53	0.00	0.00	23,000	220	1,600	510	19	-	-
DVE-20	11/21/2008 ^{15,17,18,33}	102.64	24.53	78.11	0.00	0.00	4,400	93	120	16	10	-	-
DVE-20	02/03/2009 ^{15,17,18,33}	102.64	-	-	-	-	920	11	2	0.9	10	-	-
DVE-20	05/28/2009	102.64	22.01	80.63	0.00	0.00	1,200	8	1	<0.5	2	-	-
DVE-20	08/07/2009	102.64	14.51	88.13	0.00	0.00	9,100	9	3	520	<0.5	-	-
DVE-20	11/16/2009	102.64	22.99	79.65	0.00	0.00	4,200	65	21	14	7	-	-
DVE-20	02/02/2010	102.64	9.29	93.35	0.00	0.00	2,400	16	4	180	<0.5	-	-
DVE-20	05/20/2010	102.64	10.13	92.51	0.00	0.00	12,000	49	80	610	1	-	-
DVE-20	08/23/2010 ²⁰	102.64	14.15	88.49	0.00	0.00	13,000	110	420	1,100	<3	-	-
DVE-20	12/07/2010 ²⁰	102.64	11.63	91.01	0.00	0.00	13,000	83	280	880	1 J	-	-
DVE-20	02/03/2011 ²⁰	102.64	11.55	91.09	0.00	0.00	11,000	69	140	970	1 J	-	-
DVE-20	05/06/2011	102.64	10.03	92.61	0.00	0.00	6,900	55	130	510	1 J	-	-
DVE-20	09/16/2011	102.64	12.96	89.68	0.00	0.00	13,000	50	360	920	0.8 J	-	-
DVE-20	12/06/2011	102.64	13.06	89.58	0.00	0.00	20,000	37	480	940	<5	-	-
DVE-20	03/16/2012	102.64	11.63	91.01	0.00	0.00	20,000	65	310	1,300	<5	-	-
DVE-20	06/21/2012	102.64	11.99	90.65	0.00	0.00	16,000	40 J	180	760	<10	-	<10
QA	11/26/2001	-	-	-	-	-	<50	<0.50	<0.50	<0.50	<2.5	-	-
QA	02/22/2002	-	-	-	-	-	<50	<0.50	<0.50	<0.50	<2.5	-	-
QA	05/24/2002	-	-	-	-	-	<50	<0.50	<0.50	<0.50	<2.5	-	-
QA	08/29/2002	-	-	-	-	-	<50	<0.50	<0.50	<0.50	<2.5	-	-
QA	11/29/2002	-	-	-	-	-	<50	<0.50	<0.50	<0.50	<2.5	-	-
QA	02/28/2003	-	-	-	-	-	<50	<0.50	<0.50	<0.50	<2.5	-	-
QA	05/30/2003 ¹⁷	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	-

TABLE 1

GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 90260
21995 FOOTHILL BOULEVARD
HAYWARD, CALIFORNIA

Location	Date	TOC	DTW	GWE	LNAPLT	LNAPL REMOVED	HYDROCARBONS	PRIMARY VOCs				ADDITIONAL VOCs	
							TPH-GRO	B	T	E	MTBE by SW8260	EDB	1,2-DCA
	Units	ft	ft	ft-amsl	ft	ft	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
QA	08/22/2003 ¹⁷	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	-
QA	11/24/2003 ¹⁷	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	-
QA	02/27/2004 ¹⁷	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	-
QA	06/21/2004 ¹⁷	-	-	-	-	-	<50	<0.5	1	<0.5	<0.5	-	-
QA	08/26/2004 ¹⁷	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	-
QA	11/29/2004 ¹⁷	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	-
QA	02/11/2005 ¹⁷	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	-
QA	06/16/2005 ¹⁷	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	-
QA	08/31/2005 ¹⁷	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	-
QA	11/30/2005 ¹⁷	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	-
QA	02/27/2006 ¹⁷	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	-
QA	05/30/2006 ¹⁷	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	-
QA	08/29/2006 ¹⁷	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	-
QA	12/13/2006 ¹⁷	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	-
QA	02/28/2007 ¹⁷	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	-
QA	05/30/2007 ¹⁷	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	-
QA	08/29/2007 ¹⁷	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	-
QA	11/21/2007 ¹⁷	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	-
QA	02/20/2008 ¹⁷	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	-
QA	05/21/2008 ¹⁷	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	-
QA	06/24/2008 ¹⁷	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	-
QA	08/22/2008 ¹⁷	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	-
QA	11/21/2008 ¹⁷	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	-
QA	02/03/2009 ¹⁷	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	-
QA	05/28/2009	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	-
QA	08/06/2009	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	-
QA	11/16/2009	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	-

TABLE 1

GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 90260
21995 FOOTHILL BOULEVARD
HAYWARD, CALIFORNIA

Location	Date	TOC	DTW	GWE	LNAPLT	LNAPL REMOVED	HYDROCARBONS	PRIMARY VOCs				ADDITIONAL VOCs	
							TPH-GRO	B	T	E	MTBE by SW8260	EDB	1,2-DCA
	Units	ft	ft	ft-amsl	ft	ft	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
QA	02/02/2010	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	-
QA	05/20/2010	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	-
QA	08/23/2010	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	-
QA	12/07/2010	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	-
QA	02/03/2011	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	-
QA	05/06/2011	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	-
QA	09/16/2011	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	-
QA	12/06/2011	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	-
QA	03/16/2012	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	-
QA	06/21/2012	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	-
Trip Blank	01/05/1989	-	-	-	-	-	<1,000	<0.3	<0.3	<0.3	-	-	-
Trip Blank	10/03/1989	-	-	-	-	-	<500	<0.5	<0.5	<0.5	-	-	-
Trip Blank	01/04/1990	-	-	-	-	-	<50	<0.5	<0.5	<0.5	-	-	-
Trip Blank	04/03/1990	-	-	-	-	-	<50	<0.5	<0.5	<0.5	-	-	-
Trip Blank	07/03/1990	-	-	-	-	-	<50	<0.5	<0.5	<0.5	-	-	-
Trip Blank	11/06/1990	-	-	-	-	-	<50	<0.5	<0.5	<0.5	-	-	-
Trip Blank	01/04/1991	-	-	-	-	-	<50	<0.5	<0.5	<0.5	-	-	-
Trip Blank	04/03/1991	-	-	-	-	-	<50	<0.5	<0.5	<0.5	-	-	-
Trip Blank	07/02/1991	-	-	-	-	-	<50	<0.5	<0.5	<0.5	-	-	-
Trip Blank	10/02/1991	-	-	-	-	-	<50	<0.5	<0.5	<0.5	-	-	-
Trip Blank	01/02/1992	-	-	-	-	-	<50	<0.5	<0.5	<0.5	-	-	-
Trip Blank	04/07/1992	-	-	-	-	-	<50	<0.5	<0.5	<0.5	-	-	-
Trip Blank	08/13/1992	-	-	-	-	-	<50	<0.5	<0.5	<0.5	-	-	-
Trip Blank	12/03/1992	-	-	-	-	-	<50	<0.5	<0.5	<0.5	-	-	-
Trip Blank	03/25/1993	-	-	-	-	-	<50	<0.5	<0.5	<0.5	-	-	-
Trip Blank	06/23/1993	-	-	-	-	-	<50	<0.5	<0.5	<0.5	-	-	-

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GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 90260
21995 FOOTHILL BOULEVARD
HAYWARD, CALIFORNIA

Location	Date	TOC	DTW	GWE	LNAPLT	LNAPL REMOVED	HYDROCARBONS	PRIMARY VOCs				ADDITIONAL VOCs	
							TPH-GRO	B	T	E	MTBE by SW8260	EDB	1,2-DCA
Units		ft	ft	ft-amsl	ft	ft	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Trip Blank	09/21/1993	-	-	-	-	-	<50	<0.5	<0.5	<0.5	-	-	-
Trip Blank	12/02/1993	-	-	-	-	-	<50	<0.5	<0.5	<0.5	-	-	-
Trip Blank	03/08/1994	-	-	-	-	-	<50	0.6	0.8	<0.5	-	-	-
Trip Blank	06/13/1994	-	-	-	-	-	<50	<0.5	<0.5	<0.5	-	-	-
Trip Blank	10/04/1994	-	-	-	-	-	<50	<0.5	<0.5	<0.5	-	-	-
Trip Blank	11/14/1994	-	-	-	-	-	<50	<0.5	<0.5	<0.5	-	-	-
Trip Blank	05/15/1995	-	-	-	-	-	<50	<0.5	<0.5	<0.5	-	-	-
Trip Blank	08/04/1995	-	-	-	-	-	<50	<0.5	<0.5	<0.5	-	-	-
Trip Blank	11/28/1995	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.60	-	-
Trip Blank	02/20/1996	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<5.0	-	-
Trip Blank	05/29/1996	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<5.0	-	-
Trip Blank	08/27/1996	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<5.0	-	-
Trip Blank	11/22/1996	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<5.0	-	-
Trip Blank	02/18/1997	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<5.0	-	-
Trip Blank	05/23/1997	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<5.0	-	-
Trip Blank	08/04/1997	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<5.0	-	-
Trip Blank	11/25/1997	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<5.0	-	-
Trip Blank	02/25/1998	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<2.5	-	-
Trip Blank	05/21/1998	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<2.5	-	-
Trip Blank	08/19/1998	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<2.5	-	-
Trip Blank	11/19/1998	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<2.5	-	-
Trip Blank	02/12/1999	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<2.5	-	-
Trip Blank	03/26/1999	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<2.0	-	-
Trip Blank	05/10/1999	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<5.0	-	-
Trip Blank	09/02/1999	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<5.0	-	-
Trip Blank	02/03/2000	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<2.5	-	-
Trip Blank	05/09/2000	-	-	-	-	-	<50	<0.50	<0.50	<0.50	<2.5	-	-

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FORMER CHEVRON SERVICE STATION 90260
21995 FOOTHILL BOULEVARD
HAYWARD, CALIFORNIA**

Location	Date	TOC	DTW	GWE	LNAPLT	LNAPL REMOVED	HYDROCARBONS	PRIMARY VOCS				ADDITIONAL VOCS	
							TPH-GRO	B	T	E	MTBE by SW8260	EDB	1,2-DCA
Units		ft	ft	ft-amsl	ft	ft	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Trip Blank	08/02/2000	-	-	-	-	-	<50	<0.50	<0.50	<0.50	<2.5	-	-
Trip Blank	11/09/2000	-	-	-	-	-	<50.0	<0.500	<0.500	<0.500	<2.50	-	-
Trip Blank	02/08/2001	-	-	-	-	-	<50.0	<0.500	<0.500	<0.500	<2.50	-	-
Trip Blank	05/02/2001	-	-	-	-	-	<50.0	<0.500	<5.00	<5.00	<0.500	-	-
Trip Blank	08/28/2001	-	-	-	-	-	<50	<0.50	<0.50	<0.50	<2.5	-	-
Equipment Blank	01/05/1989	-	-	-	-	-	<1,000	<0.3	<0.3	<0.3	-	-	-
Equipment Blank	03/08/1994	-	-	-	-	-	<50	1.0	1.4	<0.5	-	-	-

Abbreviations and Notes:

TOC = Top of casing

DTW = Depth to water

GWE = Groundwater elevation

LNAPL = Light non-aqueous phase liquid

LNAPLT = Light non-aqueous phase liquid thickness

(ft-amsl) = Feet above mean sea level

ft = Feet

µg/L = Micrograms per liter

TPH-DRO = Total petroleum hydrocarbons - diesel range organics

TPH-GRO = Total petroleum hydrocarbons - gasoline range organics

VOCS = Volatile organic compounds

B = Benzene

T = Toluene

E = Ethylbenzene

EDB = 1,2-Dibromoethane (Ethylene dibromide)

1,2-DCA = 1,2-Dichloroethane

-- = Not available / not applicable

TABLE 1

**GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 90260
21995 FOOTHILL BOULEVARD
HAYWARD, CALIFORNIA**

Location	Date	TOC	DTW	GWE	LNAPLT	LNAPL REMOVED	HYDROCARBONS	PRIMARY VOCs				ADDITIONAL VOCs	
							TPH-GRO	B	T	E	MTBE by SW8260	EDB	1,2-DCA
Units		ft	ft	ft-amsl	ft	ft	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L

<x = Not detected above laboratory method detection limit

- 1 Repeat analysis.
- 2 Estimated thickness.
- 3 Well inaccessible due to downhole equipment.
- 4 The TPH as Gasoline value was 99,000 ppb when MTBE is not included in the calculation.
- 5 Laboratory report indicates results were taken from both a low level and a diluted analysis.
- 6 The TPH as Gasoline value was 125,000 ppb when MTBE is not included in the calculation.
- 7 Confirmation run.
- 8 Laboratory report indicates gasoline C6-C12.
- 9 Laboratory report indicates gasoline C6-C12 + unidentified hydrocarbons <C6.
- 10 Laboratory report indicates gasoline C6-C12 + unidentified hydrocarbons C6-C12.
- 11 Laboratory report indicates weathered gasoline C6-C12.
- 12 Laboratory report indicates analyte was initially analyzed within hold time; however, due to instrument carryover, the sample was reanalyzed outside the method specified hold time to confirm the carryover.
- 13 Laboratory report indicates gasoline C6-C10.
- 14 Laboratory report indicates unidentified hydrocarbons C6-C10.
- 15 Connected to remediation system.
- 16 TOC was altered during removal of extraction system; unable to determine GWE.
- 17 BTEX and MTBE by EPA Method 8260.
- 18 Hose/tube or pump in well.
- 19 Well development performed.
- 20 Extraction stinger in well.
- 21 Unable to measure DTW due to pump in well, grab sample taken.
- 22 Laboratory report indicates the sample was analyzed 1 day outside the method hold time.
- 23 Laboratory report indicates that the surrogate recovery is outside the lower statistical limit (63-135) at 58%. The recovery is high enough to ensure no adverse effect of the data.
- 24 Laboratory report indicates that this sample was analyzed 1 day outside of the method hold time. The surrogate recovery is outside the upper QC limit (63-135) 137%.
The value for the TPH-GRO is estimated because the value is outside the calibration ran

TABLE 1

**GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 90260
21995 FOOTHILL BOULEVARD
HAYWARD, CALIFORNIA**

<i>Location</i>	<i>Date</i>	<i>TOC</i>	<i>DTW</i>	<i>GWE</i>	<i>LNAPLT</i>	<i>LNAPL REMOVED</i>	HYDROCARBONS	PRIMARY VOCS				ADDITIONAL VOCS	
							<i>TPH-GRO</i>	<i>B</i>	<i>T</i>	<i>E</i>	<i>MTBE by SW8260</i>	<i>EDB</i>	<i>1,2-DCA</i>
<i>Units</i>		<i>ft</i>	<i>ft</i>	<i>ft-amsl</i>	<i>ft</i>	<i>ft</i>	<i>μg/L</i>	<i>μg/L</i>	<i>μg/L</i>	<i>μg/L</i>	<i>μg/L</i>	<i>μg/L</i>	<i>μg/L</i>

25	Laboratory report indicates that the value for the TPH-GRO is estimated because the value is over the calibration range of the system. The system is calibrated to 5500 ug/L.
26	Insufficient water to determine GWE.
27	The vial submitted did not have pH<2. The pH of this sample used for the undiluted analysis was pH = 3.
28	Sampled semi-annually.
29	Monitored annually.
30	Sampled annually.
31	Unable to access--Vehicle parked over well.
32	Removed from sampling schedule.
33	No Purge
34	Not sampled due to insufficient water
35	Unable to locate - Overgrown vegetation/landscaping
36	Inaccessible
37	Inaccessible- paved over well
38	Unable to sample
39	Not sampled due to the presence of sph
40	Inaccessible - Well Box Flooded
41	Dry
42	Unable to locate
43	Dry at 13.5 feet
44	Total m&p and o Xylene

ATTACHMENT A

MONITORING DATA PACKAGE



July 9, 2012

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

Second Quarter 2012 Monitoring at
Chevron Service Station 90260
21995 Foothill Blvd
Hayward, CA

Monitoring performed on June 21, 2012

Blaine Tech Services, Inc. Groundwater Monitoring Event 120621-PH1

This submission covers the routine monitoring of groundwater wells conducted on June 21, 2012 at this location. Seventeen monitoring wells were measured for depth to groundwater (DTW). Sixteen monitoring wells were sampled. All sampling activities were performed in accordance with local, state and federal guidelines.

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

Second Quarter Groundwater Monitoring at Chevron 90260, 21995 Foothill Blvd, Hayward, CA

SAN JOSE

SACRAMENTO

LOS ANGELES

SAN DIEGO

1680 ROGERS AVENUE SAN JOSE, CA 95112-1105

(408) 573-0555

FAX (408) 573-7771

LIC: 746684

www.blainetech.com

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

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

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

Please call if you have any questions.

Sincerely,



Dustin Becker
Blaine Tech Services, Inc.
Senior Project Manager

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

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

Second Quarter Groundwater Monitoring at Chevron 90260, 21995 Foothill Blvd, Hayward, CA

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

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

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

SAMPLING PROCEDURES OVERVIEW

SAFETY

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

INSPECTION AND GAUGING

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

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

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

EVACUATION

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

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

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

PARAMETER STABILIZATION

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

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

DEWATERED WELLS

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

MEASURING RECHARGE

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

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

PURGEWATER CONTAINMENT

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

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

SAMPLE COLLECTION DEVICES

All samples are collected using disposable bailers.

SAMPLE CONTAINERS

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

TRIP BLANKS

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

DUPLICATES

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

SAMPLE STORAGE

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

DOCUMENTATION CONVENTIONS

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

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

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

DECONTAMINATION

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

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

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

DISSOLVED OXYGEN READINGS

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

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

OXYIDATON REDUCTION POTENTIAL READINGS

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

FERROUS IRON MEASUREMENTS

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

WELL GAUGING DATA

Project # 120621-PH1 Date 6/21/12 Client CHEVRON

Site 21995 Foothill Blvd, Hayward

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-4	0847	4	odor	—			13.12	22.13		
MW-5	0853	4	odor	—			11.69	26.18		
MW-6	0830	4					12.68	14.76		
MW-7	0817	4					12.23	16.44		
MW-8	0847	4					12.05	17.80		
MW-9	0843	4					12.84	17.35		
MW-11	0858	4		—			11.79	26.93		
MW-12	0833	4		—			11.87	26.20		
MW-13	0851	4					11.66	17.70		
MW-14		2	unable to Access - Parked over							22.75
MW-15			unable to Access - Parked over							
MW-16	0820	2					18.48	32.42		
MW-17	0827	2					22.52	32.70		
MW-18	0855	2					15.10	22.75		
MW-19	0823	2	odor				12.59	44.63		
P-1	0836	1					8.62	20.17		
DVE-9	0835	4					12.25	27.09		

Project # 120621-PH1 Date 6/26/12 Client Charron

Site 21995 Foothill Blvd, Hayward

[illegible]

CHEVRON WELL MONITORING DATA SHEET

Project #: 120621-PH1	Station #: 90260
Sampler: WW	Date: 6/21/12
Weather: cloudy	Ambient Air Temperature: 64.5°F
Well I.D.: MW — 4	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: 22.13	Depth to Water: 13.12
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): <u>YSI</u> HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 14.92	

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: _____

5.9 (Gals.)	X 3	= 17.7 Gals.
Case Volume	Specified Volumes	Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or μ S)	Turbidity (NTUs)	Gals. Removed	Observations
1323	64.5	7.15	1146	243	5.9	
WELL DEWATERED @ 5.9 GALS						
1440	64.2	7.34	1124	167	—	

Did well dewater? Yes No Gallons actually evacuated: 5.9

Sampling Date: 6/21/12 Sampling Time: 1440 Depth to Water: 13.47

Sample I.D.: MW — 4 Laboratory: Lancaster Other: _____

Analyzed for: TPH-G BTEX MTBE OXYS Other: see loc

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

D.O. (if req'd): Pre-purge: 0.63 mg/L Post-purge: 0.32 mg/L

O.R.P. (if req'd): Pre-purge: -22 mV Post-purge: -18 mV

CHEVRON WELL MONITORING DATA SHEET

Project #: 120621-PH1	Station #: 90260
Sampler: WW	Date: 6/21/12
Weather: cloudy	Ambient Air Temperature: 62.2°F
Well I.D.: MW - 5	Well Diameter: 2 3 ④ 6 8
Total Well Depth: 26.18	Depth to Water: 11.69
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): <u>YSI</u> HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 14.59	

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: _____

9.4 (Gals.) X 3	= 29.2 Gals.	
1 Case Volume	Specified Volumes	Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or μ S)	Turbidity (NTUs)	Gals. Removed	Observations
1347	64.9	6.70	1251	90	9.4	odor
WELL	DEWATERED @			14 GALS		
1520	63.4	6.99	1247	36	—	

Did well dewater? ☒ Yes ☐ No Gallons actually evacuated: 14

Sampling Date: 6/21/12 Sampling Time: 1520 Depth to Water: 12.06

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: 0.59 mg/L Post-purge: 0.59 mg/L

O.R.P. (if req'd): Pre-purge: -39 mV Post-purge: -67 mV

CHEVRON WELL MONITORING DATA SHEET

Project #: 120621-PH1	Station #: 90260
Sampler: ww	Date: 6/21/12
Weather: cloudy	Ambient Air Temperature: 62.4°F
Well I.D.: MW-6	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: 14.76	Depth to Water: 12.68
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): <u>YSI</u> HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 13.10	

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: _____

1.4 (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	radius ² * 0.163

Time	Temp (°F)	pH	Cond. (mS or μ S)	Turbidity (NTUs)	Gals. Removed	Observations
1137	63.3	6.96	1362	35	1.4	
WELL DEWATERED @ 1.4 GALS						
1440	62.6	7.6	1100	325		

Did well dewater? ☒ Yes ☐ No Gallons actually evacuated: 1.4

Sampling Date: 6/21/12 Sampling Time: 1440 Depth to Water: 13.20 (22 hrs)

Sample I.D.: MW-6 Laboratory: Lancaster Other: _____

Analyzed for: TPH-G BTEX MTBE OXYS Other: see loc

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

D.O. (if req'd): Pre-purge: 0.52 mg/L Post-purge: 0.71 mg/L

O.R.P. (if req'd): Pre-purge: -74 mV Post-purge: -85 mV

CHEVRON WELL MONITORING DATA SHEET

Project #: 120621-PH1	Station #: 90260
Sampler: mw	Date: 6/21/12
Weather: cloudy	Ambient Air Temperature: 61.2°F
Well I.D.: mw -7	Well Diameter: 2 3 4 6 8
Total Well Depth: 16.44	Depth to Water: 12.23
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]: 13.07	

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: _____

2.7 (Gals.) X 3	= 8.1 Gals.	
1 Case Volume	Specified Volumes	Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or μ S)	Turbidity (NTUs)	Gals. Removed	Observations
1013	61.4	7.65	1220	138	2.7	odor
NEW	DEW AFTERED	2.7	GALS			
1400	63.9	7.21	1296	241	—	

Did well dewater? ☒ Yes ☐ No		Gallons actually evacuated: 2.7	
Sampling Date: 6/21/12		Sampling Time: 1400	
Depth to Water: 12.33		Sample I.D.: mw -7	
Laboratory: Lancaster		Other: _____	
Analyzed for: TPH-G BTEX MTBE OXYS Other: see loc			
Duplicate I.D.: Analyzed for: TPH-G BTEX MTBE OXYS Other: _____			
D.O. (if req'd):	Pre-purge: 0.95 mg/L	Post-purge: 0.68 mg/L	
O.R.P. (if req'd):	Pre-purge: -79 mV	Post-purge: -78 mV	

CHEVRON WELL MONITORING DATA SHEET

Project #: 120621-PH1	Station #: 970260
Sampler: <i>PH</i>	Date: 6/21/12
Weather: <i>overcast</i>	Ambient Air Temperature: 60 °F
Well I.D.: <i>MW - 8</i>	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: 17.80	Depth to Water: 12.05
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): <u>YSI</u> HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 13.20	

Purge Method:

☐ Bailer
☐ Disposable Bailer
☐ Positive Air Displacement
☒ Electric Submersible
☐ Waterra
☐ Peristaltic
☐ Extraction Pump
☐ Other _____

Sampling Method:

Bailer

☒ Disposable Bailer
☐ Extraction Port
☐ Dedicated Tubing
 Other: _____

3.7 (Gals.)	X 3	= 11.2 Gals.
1 Case Volume	Specified Volumes	Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or μ S)	Turbidity (NTUs)	Gals. Removed	Observations
1024	63.2	6.8	1075	32	4	clear/sher
— Dewatered @ 4 gallons —						
1320	61.6	7.2	1076	34	—	

Did well dewater? ☒ Yes ☐ No Gallons actually evacuated: 4

Sampling Date: 6/21/12 Sampling Time: 1320 Depth to Water: 12.36

Sample I.D.: MW-8 Laboratory: Lancaster Other: _____

Analyzed for: TPH-G BTEX MTBE OXYS Other: *see loc*

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

D.O. (if req'd):	<u>Pre-purge:</u>	1.25 mg/L	<u>Post-purge:</u>	0.71 mg/L
O.R.P. (if req'd):	<u>Pre-purge:</u>	10 mV	<u>Post-purge:</u>	9 mV

CHEVRON WELL MONITORING DATA SHEET

Project #: 120621-PH1	Station #: 90260
Sampler: PH	Date: 6/21/12
Weather: overcast	Ambient Air Temperature: 60 °F
Well I.D.: MW-9	Well Diameter: 2 3 ④ 6 8
Total Well Depth: 1235	Depth to Water: 12.84
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): <u>YSI</u> HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 13.74	

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: _____

2.9 (Gals.) X 3	=	8.8 Gals.
I Case Volume	Specified Volumes	Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or <u>µS</u>)	Turbidity (NTUs)	Gals. Removed	Observations
1015	61.9	6.9	995	36	3	
			Dewatered @ 3 gallons			
1300	59.6	7.2	1004	88	—	

Did well dewater? Yes No Gallons actually evacuated: 3

Sampling Date: 6/21/12 Sampling Time: 1300 Depth to Water: 13.52

Sample I.D.: MW-9 Laboratory: Lancaster Other _____

Analyzed for: TPH-G BTEX MTBE OXYS Other: see loc

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

D.O. (if req'd):	Pre-purge:	0.77 mg/L	Post-purge:	0.65 mg/L
O.R.P. (if req'd):	Pre-purge:	91 mV	Post-purge:	91 mV

CHEVRON WELL MONITORING DATA SHEET

Project #: 120621-PH1	Station #: 90260
Sampler: MW	Date: 6/21/12
Weather: cloudy	Ambient Air Temperature: 60.9°F
Well I.D.: MW - 11	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: 26.93	Depth to Water: 11.79
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): <u>YSI</u> HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 14.82	

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: _____

9.8 (Gals.) X 3	= 29.4 Gals.	
1 Case Volume	Specified Volumes	Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or μ S)	Turbidity (NTUs)	Gals. Removed	Observations
1120	63.7	6.76	1383	70	9.8	odor, gram
WELL	DEW	ALTERED	C	16.5	GALS	
1415	61.2	7.2	1346	34		

Did well dewater? Yes No Gallons actually evacuated: 16.5

Sampling Date: 6/21/12 Sampling Time: 1415 Depth to Water: 12.85

Sample I.D.: MW-11 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: 0.66 mg/L Post-purge: 0.41 mg/L

O.R.P. (if req'd): Pre-purge: -93 mV Post-purge: -68 mV

CHEVRON WELL MONITORING DATA SHEET

Project #: 120621-PH1	Station #: 90260
Sampler: <u>W</u>	Date: 6/21/12
Weather: <u>cloudy</u>	Ambient Air Temperature: 61.1 °F
Well I.D.: <u>Mw - 12</u>	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: 26.20	Depth to Water: 11.87
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): <u>YSI</u> HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 14.74	

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:

9.3 (Gals.) X 3	= 27.9 Gals.	
1 Case Volume	Specified Volumes	Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or <u>µS</u>)	Turbidity (NTUs)	Gals. Removed	Observations
1152	63.3	7.02	126.9	97	9.3	
WELL DEWATERED @ 15.1 GALS						
1500	63.3	7.2	1239	172		

Did well dewater? Yes No Gallons actually evacuated: 15.1

Sampling Date: 6/21/12 Sampling Time: 1500 Depth to Water: 12.60

Sample I.D.: Mw - 12 Laboratory: Lancaster Other:

Analyzed for: TPH-G BTEX MTBE OXYS Other: see loc

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

D.O. (if req'd):	Pre-purge: 0.51 mg/L	Post-purge: 0.57 mg/L	
O.R.P. (if req'd):	Pre-purge: -66 mV	Post-purge: -69 mV	

CHEVRON WELL MONITORING DATA SHEET

Project #: 120621-PH1	Station #: 90260
Sampler: PH	Date: 6/21/12
Weather: overcast	Ambient Air Temperature: 60 °F
Well I.D.: MW-13	Well Diameter: 2 3 ④ 6 8
Total Well Depth: 17.70	Depth to Water: 11.66
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): <u>YSI</u> HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 12.86	

Purge Method:

☐ Bailer
☐ Disposable Bailer
☐ Positive Air Displacement
☒ Electric Submersible
☐ Waterra
☐ Peristaltic
☐ Extraction Pump
☐ Other

Sampling Method:

☐ Bailer
☒ Disposable Bailer
☐ Extraction Port
☐ Dedicated Tubing
☐ Other

3.9 (Gals.) X 3	=	11.8 Gals.
1 Case Volume	Specified Volumes	Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
1040	62.6	6.6	1097	58	4	
						Revised @ 4 gallons
1340	61.4	7.3	1132	38		

Did well dewater? ☒ Yes ☐ No Gallons actually evacuated: 4

Sampling Date: 6/21/12 Sampling Time: 1340 Depth to Water: 12.37

Sample I.D.: MW-13 Laboratory: Lancaster Other

Analyzed for: TPH-G BTEX MTBE OXYS Other: see loc

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

D.O. (if req'd):	Pre-purge: 6.87 mg/L	Post-purge: 0.54 mg/L
O.R.P. (if req'd):	Pre-purge: 4 mV	Post-purge: 68 mV

CHEVRON WELL MONITORING DATA SHEET

Project #: 120621-PH1	Station #: 90260
Sampler: PH	Date: 6/21/12
Weather:	Ambient Air Temperature: °F
Well I.D.: MW-14	Well Diameter: 2 3 4 6 8
Total Well Depth:	Depth to Water:
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): <u>YSI</u> HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]:	

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
* PARKED OVER ALL DAY						
- NO SAMPLE TAKEN						

Did well dewater? Yes ☐ No ☒ Gallons actually evacuated:

Sampling Date: 6/1/12 Sampling Time: Depth to Water:

Sample I.D.: Laboratory: Lancaster Other:

Analyzed for: TPH-G BTEX MTBE OXYS Other: see loc

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 #: 120621-PH1	Station #: 90260
Sampler: PH	Date: 6/21/12
Weather: overcast	Ambient Air Temperature: 60 °F
Well I.D.: MW-15	Well Diameter: 2 3 4 6 8
Total Well Depth:	Depth to Water:
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): <u>YSI</u> HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]:	

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 <u>3</u>	=	Gals.
1 Case Volume	Specified Volumes	Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
						unable to Access - Parked over
						No Sample Taken

Did well dewater? Yes ☐ No ☒	Gallons actually evacuated:
Sampling Date: 6/1/12	Sampling Time: _____
Sample I.D.: _____	Depth to Water: _____
Laboratory: <u>Lancaster</u> Other _____	
Analyzed for: TPH-G BTEX MTBE OXYS Other: <u>see loc</u>	
Duplicate I.D.: _____	Analyzed for: TPH-G BTEX MTBE OXYS Other: _____
D.O. (if req'd):	Pre-purge: <u> </u> mg/L
O.R.P. (if req'd):	Post-purge: <u> </u> mg/L
	Pre-purge: <u> </u> mV
	Post-purge: <u> </u> mV

CHEVRON WELL MONITORING DATA SHEET

Project #: 120621-PH1	Station #: 90260
Sampler: PH	Date: 6/21/12
Weather: overcast	Ambient Air Temperature: 60 °F
Well I.D.: MW-16	Well Diameter: (2) 3 4 6 8
Total Well Depth: 37.42	Depth to Water: 18.48
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]: 22.26	

Purge Method:

☐ Bailer
☒ Disposable Bailer
☐ Positive Air Displacement
☐ Electric Submersible
☐ Waterra
☐ Peristaltic
☐ Extraction Pump
☐ Other:

Sampling Method:

☐ Bailer
☒ Disposable Bailer
☐ Extraction Port
☐ Dedicated Tubing
☐ Other:

3.0 (Gals.) X 3	=	9.1 Gals.
I Case Volume	Specified Volumes	Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
1057	62.9	7.0	893	>1000	3	
1102	63.8	6.6	878	>1000	6	
1106	63.5	6.6	887	>1000	22	

Did well dewater? Yes ☒ No ☐ Gallons actually evacuated: 92

Sampling Date: 6/21/12 Sampling Time: 1115 Depth to Water: 21.86

Sample I.D.: MW-16 Laboratory: (Lancaster) Other:

Analyzed for: TPH-G BTEX MTBE OXYS Other: see loc

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

D.O. (if req'd):	Pre-purge: 0.64 mg/L	Post-purge: 0.44 mg/L
O.R.P. (if req'd):	Pre-purge: -10 mV	Post-purge: -20 mV

CHEVRON WELL MONITORING DATA SHEET

Project #: 120621-PH1	Station #: 90260
Sampler: PH	Date: 6/21/12
Weather: overcast	Ambient Air Temperature: 60 °F
Well I.D.: MW-18	Well Diameter: ② 3 4 6 8
Total Well Depth: 22.75	Depth to Water: 15.10
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 16.63	

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.
I Case Volume	Specified Volumes	Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
1135	64.2	7.2	1036	>1000	1.2	odor / shear
1138	65.0	6.6	1050	>1000	2.5	
1141	65.2	6.6	1052	>1000	3.7	

Did well dewater? Yes ☒ No		Gallons actually evacuated: 3.7	
Sampling Date: 6/21/12		Sampling Time: 1150	Depth to Water: 16.27
Sample I.D.: MW-18		Laboratory: Lancaster Other _____	
Analyzed for: TPH-G BTEX MTBE OXYS Other: see loc			
Duplicate I.D.:		Analyzed for: TPH-G BTEX MTBE OXYS Other:	
D.O. (if req'd):	Pre-purge: 0.53 mg/L	Post-purge:	0.41 mg/L
O.R.P. (if req'd):	Pre-purge: 31 mV	Post-purge:	14 mV

CHEVRON WELL MONITORING DATA SHEET

Project #: 120621-PH1	Station #: 90260
Sampler: mw	Date: 6/21/12
Weather: cloudy	Ambient Air Temperature: 61.1°F
Well I.D.: MW - 19	Well Diameter: (2) 3 4 6 8
Total Well Depth: 44.63	Depth to Water: 12.59
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]: +8 19.00	

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

5.1 (Gals.)	X 3	= 15.3	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 μ S)	Turbidity (NTUs)	Gals. Removed	Observations
1035	64.6	7.54	1347	>1000	5.1	odor, gray
1041	64.5	7.57	1277	>1000	10.2	odor, gray
1044	65.5	7.55	1252	870	15.3	" "

Did well dewater?	Yes	(No)	Gallons actually evacuated: 15.3
Sampling Date: 6/21/12	Sampling Time: 1050	Depth to Water: 13.97	
Sample I.D.: MW - 19	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: 127 mg/L	Post-purge: 0.66 mg/L	
O.R.P. (if req'd):	Pre-purge: -40 mV	Post-purge: -35 mV	

CHEVRON WELL MONITORING DATA SHEET

Project #: 120621-PH1	Station #: 90260
Sampler: PH	Date: 6/21/12
Weather: overcast	Ambient Air Temperature: 57 °F
Well I.D.: P-1	Well Diameter: 2 3 4 6 8 <u>1</u>
Total Well Depth: 20.7	Depth to Water: 8.62
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): <u>YSI</u> HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 10.93	

Purge Method:

☐ Bailer
☐ Disposable Bailer
☐ Positive Air Displacement
☐ Electric Submersible

Sampling Method:

☒ Bailer
☒ Disposable Bailer
☐ Extraction Port
☐ Dedicated Tubing
☒ Other: check valve + tubing

0.5 (Gals.) X 3	=	1.4 Gals.
1 Case Volume	Specified Volumes	Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or μ S)	Turbidity (NTUs)	Gals. Removed	Observations
0931	64.1	6.5	1184	>1000	0.5	
0933	64.7	6.6	1176	>1000	1.0	
0935	64.6	6.6	1172	>1000	1.5	

Did well dewater? Yes ☒ No ☐ Gallons actually evacuated: 1.5

Sampling Date: 6/21/12 Sampling Time: 0940 Depth to Water: 8.76

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

Analyzed for: TPH-G BTEX MTBE OXYS Other: see loc

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

D.O. (if req'd):	Pre-purge:	0.81 mg/L	Post-purge:	0.58 mg/L
O.R.P. (if req'd):	Pre-purge:	232 mV	Post-purge:	162 mV

CHEVRON WELL MONITORING DATA SHEET

Project #: 120621-PH1	Station #: 90260
Sampler: <i>mw</i>	Date: 6/21/12
Weather: <i>cloudy</i>	Ambient Air Temperature: 62.8°F
Well I.D.: DVE - 9	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: 27.04	Depth to Water: 12.25
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): <u>YSI</u> HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 15.21	

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: _____

9.6 (Gals.) X 3	= 28.8 Gals.	
1 Case Volume	Specified Volumes	Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or <u>uS</u>)	Turbidity (NTUs)	Gals. Removed	Observations
1300	64.5	7.49	1155	47	9.6	odor
WELL	DEWATERED			13	GALS	
1530	64.7	7.7	1130	27	—	

Did well dewater? Yes No Gallons actually evacuated: 13

Sampling Date: 6/21/12 Sampling Time: 1530 Depth to Water: 13.60

Sample I.D.: DVE - 9 Laboratory: Lancaster Other _____

Analyzed for: TPH-G BTEX MTBE OXYS Other: see loc

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

D.O. (if req'd): Pre-purge: 0.71 mg/L Post-purge: 0.35 mg/L

O.R.P. (if req'd): Pre-purge: -46 mV Post-purge: -47 mV

CHEVRON WELL MONITORING DATA SHEET

Project #: 120621-PH1	Station #: 90260
Sampler: WW	Date: 6/21/12
Weather: cloudy	Ambient Air Temperature: 63.1°F
Well I.D.: DUE-12	Well Diameter: 2 3 ④ 6 8
Total Well Depth: 27.40	Depth to Water: 11.67
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]: 14.82	

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: _____

10.2 (Gals.)	X 3	= 30.6 Gals.
1 Case Volume	Specified Volumes	Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or μ S)	Turbidity (NTUs)	Gals. Removed	Observations
1335	63.5	6.78	1344	61	10.2	odor
WEU	DEWATERED	C	14.3	6ALS		
1500	64.0	6.95	1284	46	—	Odor

Did well dewater? ☒ Yes ☐ No		Gallons actually evacuated: 14.3	
Sampling Date: 6/21/12		Sampling Time: 1500	
Depth to Water: 12.22			
Sample I.D.: DUE-12		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: 0.50 mg/L	Post-purge: 0.54 mg/L	
O.R.P. (if req'd):	Pre-purge: -39 mV	Post-purge: -74 mV	

CHEVRON WELL MONITORING DATA SHEET

Project #: 120621-PH1	Station #: 90260
Sampler: <i>WV</i>	Date: 6/21/12
Weather: <i>cloudy</i>	Ambient Air Temperature: 62.1°F
Well I.D.: DVE - 20	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: 27.03	Depth to Water: 11.99
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): <u>YSI</u> HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 15.00	

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:

9.8 (Gals.) X 3	= 29.4 Gals.	
I Case Volume	Specified Volumes	Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or <u>µS</u>)	Turbidity (NTUs)	Gals. Removed	Observations
1311	66.0	6.73	1380	53	9.8	odor
WELL DEWATERED 14.3 GALS						
1420	63.9	7.10	1267	66	—	

Did well dewater? Yes No Gallons actually evacuated: 14.3

Sampling Date: 6/21/12 Sampling Time: 1420 Depth to Water: 12.36

Sample I.D.: DVE - 20 Laboratory: Lancaster Other: _____

Analyzed for: TPH-G BTEX MTBE OXYS Other: *see loc*

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

D.O. (if req'd): Pre-purge: 0.51 mg/L Post-purge: 0.51 mg/L

O.R.P. (if req'd): Pre-purge: -59 mV Post-purge: -88 mV

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

COC 1 of 2

6-22-12 925
whzhz 1740

09-28

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

Chevron Site Number: 90260

Chevron Site Global ID: T0600100315

Chevron Site Address: 21995 Foothill Blvd.

Hayward, CA

Chevron PM: CATALINA DEVINE

Chevron PM Phone No.: (925)790-3949

☒ 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. 510-420-3333

Consultant Project No. 120621-PH1

Sampling Company: Blaine Tech Services

Sampled By (Print): Patrick Hume

Sampler Signature:

Charge Code: NWR TB-0090260-0-OML
NWR TB 00SITE NUMBER-0-WBS

(WBS ELEMENTS:

SITE ASSESSMENT: A1L REMEDIATION IMPLEMENTATION: R5L

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.

0800	40
0900	40
1000	40
1100	40
1200	40
1300	40

H	I
EPA 8260B/GC/MS TPH □ BTEX ☑ MTBE X OXYGENATES □ HVOC □ EPA 9015B GRO ☐ DRD ☐ ORO □ HC SCREEN □ EPA 9021B BTEX □ MTBE □ PCBs (gpc) PAKS (PZ-7) EPA 9040-Gc, Fe, K-Mg-Mn-Na-S Chlorinated Hydrocarbons EPA 8010/7000 TITL 22 METALS □ TLC □ STLC □ EPA 450.4-PHC w/ SEC TPH-MD EPA 310.1 ALKALINITY □ SM 254-B SPECIFIC CONDUCTIVITY WAFER Metals (Am-T metals)	PRESERVATION CODES H = HCl, T = Thiosulfate N = HNO ₃ , B = NaOH S = H ₂ SO ₄ , O = Other acc# 10991 Cap # 131785 Sample # G669060-4
Sulfate / Nitrogen Nitrate as Nitrogen	Special Instructions Must meet lowest detection limits possible for 6260 Compounds
Notes/Comments	DROW/SIGES dissolved n per D Beck gmp 6/25

SAMPLE ID

Field Point Name	Matrix	Top Depth	Date (yy/mm/dd)	Sample Time	# of Containers	Container Type
MW-18	W		12-06-21	1150	16	various
MW-19	↓		↓	1050	18	↓
P-1	↓		↓	0940	16	↓
DVE-9	↓		↓	1530	17	↓
DVE-12	↓		↓	1500	16	↓
DVE-20	↓		↓	1420	16	↓
QA	T		↓	0800	4	VoA

Relinquished By	Company	Date/Time:
	BTS	6/21/12 1610
Relinquished By	Company	Date/Time
	UI	6/21/12 1632
Relinquished By	Company	Date/Time

Relinquished To	Company	Date/Time
<i>[Signature]</i>	LLI	6/21/12 1610
Relinquished To	Company	Date/Time
<i>[Signature]</i>	FE	
Relinquished To	Company	Date/Time

Turnaround Time:		
Standard ☒	24 Hours ☐	48 hours ☐
Hours ☐	Other ☐	72 ☐
Sample Integrity: (Check by lab on arrival)		
Intact: ☒	On Ice: ☒	Temp: 1.1-2.6
		COC #

COC Revision 12, 06/20/12

WELLHEAD INSPECTION CHECKLIST

Page 1 of 2

Client Chevron Date 6/21/12

Site Address 21995 Foothill Blvd, Hayward

Job Number 120621-PH1 Technician PH

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-4								X		
MW-5	X	X	X							
MW-6	X	X	X							
MW-7	X	X	X							
MW-8								X		
MW-9								X		
MW-10	X	X	X							
MW-12	X	X	X							
MW-13								X		
MW-14								X	X	
MW-15									X	
MW-16								X		
MW-17	X	X	X							
MW-18								X		
MW-19		X	X					X		
P-1	X	X	X							
DVE-9	X	X	X							

NOTES: MW-16 3/4 tubes stripped MW-14 2 1/2 tubes stripped MW-9 -8/8 tubes
MW-8 -8/8 tubes MW-13 Christy MW-19 Holes in annular seal (3' deep) MW-4
casing above grade, 4" MW-14, MW-15 unable to access - parked over MW-18 3/4 tubes stripped

WELLHEAD INSPECTION CHECKLIST

Page 2 of 2

Client Chevron Date 6/2/12

Site Address 21995 Foothill Blvd, Hayward

Job Number 120621-PH1 Technician PH

[illegible]

NOTES:

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

SOURCE RECORD **BILL OF LADING**
 FOR PURGEWATER RECOVERED FROM
 GROUNDWATER WELLS AT CHEVRON FACILITIES IN
 THE STATE OF CALIFORNIA. THE PURGE- WATER
 WHICH HAS BEEN RECOVERED FROM GROUND-
 WATER WELLS IS COLLECTED BY THE CONTRACTOR
 AND HAULED TO THEIR FACILITY IN SAN JOSE,
 CALIFORNIA FOR TEMPORARILY HOLDING PENDING
 TRANSPORT BY OTHERS TO FINAL DESTINATION.

The contractor performing this work is BLAINE TECH SERVICES, INC. (BLAINE TECH), 1680 Rogers Ave. San Jose CA (408) 573-0555). BLAINE TECH. is authorized by Chevron Environmental Management Company (CHEVRON EMC) to recover, collect, apportion into loads, and haul the purgewater that is drawn from wells at the CHEVRON EMC facility indicated below and to deliver that purgewater to BLAINE TECH for temporarily holding. Transport routing of the purgewater may be direct from one CHEVRON EMC facility to BLAINE TECH; from one CHEVRON EMC facility to BLAINE TECH via another CHEVRON EMC facility; or any combination thereof. The well purgewater is and remains the property of CHEVRON EMC.

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:

9-0260
 CHEVRON # Catalina Devine
 Chevron Project Manager
21995 Foothill Blvd Hayward CA
 street number street name city state

WELL I.D.	GALS.	WELL I.D.	GALS.
MW-4	/	MW-13	4
MW-5	/	MW-16	9.2
MW-6	/	MW-18	3.7
MW-7	/	MW-19	/
MW-8	4	P-1	1.5
MW-9	3	DK-9	/
MW-11	/	DK-12	/
MW-12	/	DK-20	/
added equip.		any other	
rinse water	7	adjustments	
TOTAL GALS.		loaded onto	
RECOVERED 32.5		BTS vehicle # 81	
BTS event #	time	date	
120521-PAL	1630	6/21/12	
signature <u>[Signature]</u>			

REC'D AT		time	date
BTS		1730	6/21/12
unloaded by			
signature <u>[Signature]</u>			

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

SOURCE RECORD **BILL OF LADING**

FOR PURGEWATER RECOVERED FROM GROUNDWATER WELLS AT CHEVRON FACILITIES IN THE STATE OF CALIFORNIA. THE PURGE- WATER WHICH HAS BEEN RECOVERED FROM GROUND- WATER WELLS IS COLLECTED BY THE CONTRACTOR AND HAULED TO THEIR FACILITY IN SAN JOSE, CALIFORNIA FOR TEMPORARILY HOLDING PENDING TRANSPORT BY OTHERS TO FINAL DESTINATION.

The contractor performing this work is BLAINE TECH SERVICES, INC. (BLAINE TECH), 1680 Rogers Ave. San Jose CA (408) 573-0555). BLAINE TECH. is authorized by Chevron Environmental Management Company (CHEVRON EMC) to recover, collect, apportion into loads, and haul the purgewater that is drawn from wells at the CHEVRON EMC facility indicated below and to deliver that purgewater to BLAINE TECH for temporarily holding. Transport routing of the purgewater may be direct from one CHEVRON EMC facility to BLAINE TECH; from one CHEVRON EMC facility to BLAINE TECH via another CHEVRON EMC facility; or any combination thereof. The well purgewater is and remains the property of CHEVRON EMC.

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:

90260 CHEVRON # CATALINA DEVINE Chevron Project Manager
21995 FOOTHILL BLVD HAYWARD CA
street number street name city state

WELL I.D.	GALS.	WELL I.D.	GALS.
MW-4	5.9	DVE-12	14.3
MW-5	14	DVE-20	14.3
MW-6	1.4		
MW-7	2.7		
MW-11	16.5		
MW-12	15.0		
MW-19	15.3		
DVE-9	13		
added equip.		any other	
rinse water	5.5	adjustments	
TOTAL GALS.	118	loaded onto	
RECOVERED		BTS vehicle #	76
BTS event #	120621-PH1	time	1650
signature		date	6/21/12

REC'D AT	BTA-SJ	time	1720
unloaded by		date	6/21/12
signature			

TEST EQUIPMENT CALIBRATION LOG

[illegible]

ATTACHMENT B

LABORATORY ANALYTICAL REPORT

ANALYTICAL RESULTS

Prepared by:

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

Prepared for:

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

July 11, 2012

Project: 90260

Submittal Date: 06/22/2012

Group Number: 1317852

PO Number: 0015103600

Release Number: HORNE

State of Sample Origin: CA

Client Sample DescriptionLancaster Labs (LLI) #

MW-4-W-120621 NA Water	6699060
MW-4-W-120621 Filtered NA Water	6699061
MW-5-W-120621 NA Water	6699062
MW-5-W-120621 Filtered NA Water	6699063
MW-6-W-120621 NA Water	6699064
MW-6-W-120621 Filtered NA Water	6699065
MW-7-W-120621 NA Water	6699066
MW-7-W-120621 Filtered NA Water	6699067
MW-8-W-120621 NA Water	6699068
MW-8-W-120621 Filtered NA Water	6699069
MW-9-W-120621 NA Water	6699070
MW-9-W-120621 Filtered NA Water	6699071
MW-11-W-120621 NA Water	6699072
MW-11-W-120621 Filtered NA Water	6699073
MW-12-W-120621 NA Water	6699074
MW-12-W-120621 Filtered NA Water	6699075
MW-13-W-120621 NA Water	6699076
MW-13-W-120621 Filtered NA Water	6699077
MW-16-W-120621 NA Water	6699078
MW-16-W-120621 Filtered NA Water	6699079
MW-18-W-120621 NA Water	6699080
MW-18-W-120621 Filtered NA Water	6699081
MW-19-W-120621 NA Water	6699082
MW-19-W-120621 Filtered NA Water	6699083
P-1-W-120621 NA Water	6699084
P-1-W-120621 Filtered NA Water	6699085
DVE-9-W-120621 NA Water	6699086
DVE-9-W-120621 Filtered NA Water	6699087

DVE-12-W-120621 NA Water	6699088
DVE-12-W-120621 Filtered NA Water	6699089
DVE-20-W-120621 NA Water	6699090
DVE-20-W-120621 Filtered NA Water	6699091
QA-T-120621 NA Water	6699092

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

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

Respectfully Submitted,



Jill M. Parker
Senior Specialist

(717) 556-7262

Sample Description: MW-4-W-120621 NA Water
Facility# 90260 BTST
21995 Foothill-Hayward T0600100315 MW-4

LLI Sample # WW 6699060
LLI Group # 1317852
Account # 10991

Project Name: 90260

Collected: 06/21/2012 14:40 by PH

Chevron

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

Submitted: 06/22/2012 09:25

Reported: 07/11/2012 19:27

FBH04

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	
10903	Benzene	71-43-2	3 J	1	8	2
10903	Bromodichloromethane	75-27-4	N.D.	2	10	2
10903	Bromoform	75-25-2	N.D.	2	10	2
10903	Bromomethane	74-83-9	N.D.	2	10	2
10903	Carbon Tetrachloride	56-23-5	N.D.	2	10	2
10903	Chlorobenzene	108-90-7	N.D.	2	10	2
10903	Chloroethane	75-00-3	N.D.	2	10	2
10903	Chloroform	67-66-3	N.D.	2	10	2
10903	Chloromethane	74-87-3	N.D.	2	10	2
10903	Dibromochloromethane	124-48-1	N.D.	2	10	2
10903	1,2-Dichlorobenzene	95-50-1	N.D.	2	10	2
10903	1,3-Dichlorobenzene	541-73-1	N.D.	2	10	2
10903	1,4-Dichlorobenzene	106-46-7	N.D.	2	10	2
10903	1,1-Dichloroethane	75-34-3	N.D.	2	10	2
10903	1,2-Dichloroethane	107-06-2	N.D.	1	8	2
10903	1,1-Dichloroethene	75-35-4	N.D.	2	10	2
10903	cis-1,2-Dichloroethene	156-59-2	N.D.	2	10	2
10903	trans-1,2-Dichloroethene	156-60-5	N.D.	2	10	2
10903	1,2-Dichloropropane	78-87-5	N.D.	2	10	2
10903	cis-1,3-Dichloropropene	10061-01-5	N.D.	2	10	2
10903	trans-1,3-Dichloropropene	10061-02-6	N.D.	2	10	2
10903	Ethylbenzene	100-41-4	230	1	8	2
10903	Freon 113	76-13-1	N.D.	4	20	2
10903	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	1	8	2
10903	Methylene Chloride	75-09-2	N.D.	4	10	2
10903	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	2	10	2
10903	Tetrachloroethene	127-18-4	N.D.	2	10	2
10903	Toluene	108-88-3	69	1	8	2
10903	1,1,1-Trichloroethane	71-55-6	N.D.	2	10	2
10903	1,1,2-Trichloroethane	79-00-5	N.D.	2	10	2
10903	Trichloroethene	79-01-6	N.D.	2	10	2
10903	Trichlorofluoromethane	75-69-4	N.D.	4	10	2
10903	Vinyl Chloride	75-01-4	N.D.	2	10	2
10903	m+p-Xylene	179601-23-1	620	1	8	2
10903	o-Xylene	95-47-6	310	1	8	2
The LCS and/or LCSD recoveries are outside the stated QC window but within the marginal exceedance allowance of +/- 4 standard deviations as defined in the NELAC Standards. The following analytes are accepted based on this allowance: chloromethane.						
GC/MS	Semivolatiles	SW-846 8270C	ug/l	ug/l	ug/l	
07805	Acenaphthene	83-32-9	0.1 J	0.1	0.5	1
07805	Acenaphthylene	208-96-8	N.D.	0.1	0.5	1
07805	Anthracene	120-12-7	N.D.	0.1	0.5	1
07805	Benzo(a)anthracene	56-55-3	N.D.	0.1	0.5	1
07805	Benzo(a)pyrene	50-32-8	N.D.	0.1	0.5	1
07805	Benzo(b)fluoranthene	205-99-2	N.D.	0.1	0.5	1
07805	Benzo(g,h,i)perylene	191-24-2	N.D.	0.1	0.5	1
07805	Benzo(k)fluoranthene	207-08-9	N.D.	0.1	0.5	1
07805	Chrysene	218-01-9	N.D.	0.1	0.5	1

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

Sample Description: MW-4-W-120621 NA Water
Facility# 90260 BTST
21995 Foothill-Hayward T0600100315 MW-4

LLI Sample # WW 6699060
LLI Group # 1317852
Account # 10991

Project Name: 90260

Collected: 06/21/2012 14:40 by PH

Chevron

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

Submitted: 06/22/2012 09:25

Reported: 07/11/2012 19:27

FBH04

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Semivolatiles SW-846 8270C						
07805	Dibenz(a,h)anthracene	53-70-3	N.D.	0.1	0.5	1
07805	Fluoranthene	206-44-0	N.D.	0.1	0.5	1
07805	Fluorene	86-73-7	0.1 J	0.1	0.5	1
07805	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	0.1	0.5	1
07805	Naphthalene	91-20-3	76	0.1	0.5	1
07805	Phenanthrene	85-01-8	0.2 J	0.1	0.5	1
07805	Pyrene	129-00-0	N.D.	0.1	0.5	1
GC Volatiles SW-846 8015B						
01728	TPH-GRO N. CA water C6-C12	n.a.	7,600	250	500	5
Pesticides/PCBs SW-846 8082						
10227	PCB-1016	12674-11-2	N.D.	0.099	0.50	1
10227	PCB-1221	11104-28-2	N.D.	0.099	0.50	1
10227	PCB-1232	11141-16-5	N.D.	0.20	0.50	1
10227	PCB-1242	53469-21-9	N.D.	0.099	0.50	1
10227	PCB-1248	12672-29-6	N.D.	0.099	0.50	1
10227	PCB-1254	11097-69-1	N.D.	0.099	0.50	1
10227	PCB-1260	11096-82-5	N.D.	0.15	0.50	1
GC Miscellaneous SW-846 8015B modified						
07105	Methane	74-82-8	2,100	100	300	20
GC Petroleum SW-846 8015B						
Hydrocarbons w/Si						
06610	TPH-DR0 CA C10-C28 w/ Si Gel	n.a.	1,600	50	110	1
The reverse surrogate, capric acid, is present at <1%.						
GC Petroleum SW-846 8015B modified						
Hydrocarbons w/Si						
10006	Motor Oil C16-C36 w/Si Gel	n.a.	N.D.	39	120	1
10006	Total TPH w/Si Gel	n.a.	N.D.	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.						
The reverse surrogate, capric acid, is present at <1%.						
Wet Chemistry EPA 300.0						
00368	Nitrate Nitrogen	14797-55-8	3,500	250	500	5
00228	Sulfate	14808-79-8	91,900	3,000	10,000	10
SM20 3500 Fe B modified						
08344	Ferrous Iron	n.a.	3,200	200	2,000	20

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

Sample Description: MW-4-W-120621 NA Water
Facility# 90260 BTST
21995 Foothill-Hayward T0600100315 MW-4

LLI Sample # WW 6699060
LLI Group # 1317852
Account # 10991

Project Name: 90260

Collected: 06/21/2012 14:40 by PH

Chevron

6001 Bollinger Canyon Rd L4310

Submitted: 06/22/2012 09:25

San Ramon CA 94583

Reported: 07/11/2012 19:27

FBH04

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
10903	VOCs by 8260B - Water	SW-846 8260B	1	W121871AA	07/05/2012 07:12	Christopher G Torres	2
01163	GC/MS VOA Water Prep	SW-846 5030B	1	W121871AA	07/05/2012 07:12	Christopher G Torres	2
07805	PAHs 8270C Water	SW-846 8270C	1	12175WAI026	06/26/2012 02:07	Holly Berry	1
07807	BNA Water Extraction	SW-846 3510C	1	12175WAI026	06/25/2012 11:15	Denise L Trimby	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	12178B07A	07/02/2012 17:59	Marie D John	5
01146	GC VOA Water Prep	SW-846 5030B	1	12178B07A	07/02/2012 17:59	Marie D John	5
10227	PCBs in Water 8082	SW-846 8082	1	121790009A	07/01/2012 21:06	Jamie L Brillhart	1
11117	PCB Waters Extraction	SW-846 3510C	1	121790009A	06/27/2012 15:50	JoElla L Rice	1
07105	Volatile Headspace Hydrocarbon	SW-846 8015B modified	1	121840034A	07/04/2012 16:12	Elizabeth J Marin	20
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B	1	121790025A	07/02/2012 10:32	Christine E Dolman	1
10006	TPH Fuels water w/Si Gel	SW-846 8015B modified	1	121750014A	06/25/2012 23:59	Heather E Williams	1
11180	Low Vol Ext(W) w/SG	SW-846 3510C	1	121790025A	06/28/2012 09:10	Catherine R Wiker	1
11195	TPH w/ Silica Gel Waters Ext.	SW-846 3510C	1	121750014A	06/25/2012 10:00	Olivia Arosemena	1
00368	Nitrate Nitrogen	EPA 300.0	1	12175987901A	06/23/2012 15:47	Clinton M Wilson	5
00228	Sulfate	EPA 300.0	1	12175987901A	06/24/2012 17:52	Clinton M Wilson	10
08344	Ferrous Iron	SM20 3500 Fe B modified	1	12178834401A	06/26/2012 23:30	Daniel S Smith	20

Sample Description: MW-4-W-120621 Filtered NA Water
Facility# 90260 BTST
21995 Foothill-Hayward T0600100315 MW-4

LLI Sample # WW 6699061
LLI Group # 1317852
Account # 10991

Project Name: 90260

Collected: 06/21/2012 14:40 by PH

Chevron

6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

Submitted: 06/22/2012 09:25

Reported: 07/11/2012 19:27

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
Metals Dissolved		SW-846 6010B	ug/l	ug/l	ug/l	
07044	Antimony	7440-36-0	N.D.	3.5	20.0	1
07035	Arsenic	7440-38-2	54.5	6.8	20.0	1
07046	Barium	7440-39-3	203	0.33	5.0	1
07047	Beryllium	7440-41-7	N.D.	0.67	5.0	1
07049	Cadmium	7440-43-9	N.D.	0.36	5.0	1
07051	Chromium	7440-47-3	N.D.	1.1	15.0	1
07052	Cobalt	7440-48-4	4.0 J	0.66	5.0	1
07053	Copper	7440-50-8	N.D.	2.1	10.0	1
07055	Lead	7439-92-1	N.D.	5.1	15.0	1
07060	Molybdenum	7439-98-7	5.7 J	2.9	10.0	1
07061	Nickel	7440-02-0	5.4 J	1.1	10.0	1
07036	Selenium	7782-49-2	N.D.	7.5	20.0	1
07066	Silver	7440-22-4	N.D.	1.2	5.0	1
07022	Thallium	7440-28-0	N.D.	5.7	30.0	1
07071	Vanadium	7440-62-2	3.4 J	1.3	5.0	1
07072	Zinc	7440-66-6	7.6 J	2.0	20.0	1
		SW-846 7470A	ug/l	ug/l	ug/l	
00259	Mercury	7439-97-6	N.D.	0.0081	0.20	1

General Sample Comments

State of California Lab Certification No. 2501

This sample was filtered in the lab for dissolved metals.

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
07044	Antimony	SW-846 6010B	1	121781848002	06/27/2012 23:53	John W Yanzuk II	1
07035	Arsenic	SW-846 6010B	1	121781848002	06/28/2012 07:09	Tara L Snyder	1
07046	Barium	SW-846 6010B	1	121781848002	06/27/2012 23:53	John W Yanzuk II	1
07047	Beryllium	SW-846 6010B	1	121781848002	06/27/2012 23:53	John W Yanzuk II	1
07049	Cadmium	SW-846 6010B	1	121781848002	06/27/2012 23:53	John W Yanzuk II	1
07051	Chromium	SW-846 6010B	1	121781848002	06/27/2012 23:53	John W Yanzuk II	1
07052	Cobalt	SW-846 6010B	1	121781848002	06/28/2012 07:09	Tara L Snyder	1
07053	Copper	SW-846 6010B	1	121781848002	06/27/2012 23:53	John W Yanzuk II	1
07055	Lead	SW-846 6010B	1	121781848002	06/28/2012 07:09	Tara L Snyder	1
07060	Molybdenum	SW-846 6010B	1	121781848002	06/28/2012 07:09	Tara L Snyder	1
07061	Nickel	SW-846 6010B	1	121781848002	06/28/2012 07:09	Tara L Snyder	1
07036	Selenium	SW-846 6010B	1	121781848002	06/27/2012 23:53	John W Yanzuk II	1
07066	Silver	SW-846 6010B	1	121781848002	06/27/2012 23:53	John W Yanzuk II	1
07022	Thallium	SW-846 6010B	1	121781848002	06/27/2012 23:53	John W Yanzuk II	1
07071	Vanadium	SW-846 6010B	1	121781848002	06/28/2012 07:09	Tara L Snyder	1
07072	Zinc	SW-846 6010B	1	121781848002	06/27/2012 23:53	John W Yanzuk II	1

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

Sample Description: MW-4-W-120621 Filtered NA Water
Facility# 90260 BTST
21995 Foothill-Hayward T0600100315 MW-4

LLI Sample # WW 6699061
LLI Group # 1317852
Account # 10991

Project Name: 90260

Collected: 06/21/2012 14:40 by PH

Chevron

6001 Bollinger Canyon Rd L4310

Submitted: 06/22/2012 09:25

San Ramon CA 94583

Reported: 07/11/2012 19:27

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
00259	Mercury	SW-846 7470A	1	121785713001	06/27/2012 09:36	Damary Valentin	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	121781848002	06/27/2012 13:30	James L Mertz	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	121785713001	06/26/2012 14:47	Nelli S Markaryan	1

Sample Description: MW-5-W-120621 NA Water
Facility# 90260 BTST
21995 Foothill-Hayward T0600100315 MW-5

LLI Sample # WW 6699062
LLI Group # 1317852
Account # 10991

Project Name: 90260

Collected: 06/21/2012 15:20 by PH

Chevron

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

Submitted: 06/22/2012 09:25

Reported: 07/11/2012 19:27

FBH05

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	
10903	Benzene	71-43-2	190 J	25	200	50
10903	Bromodichloromethane	75-27-4	N.D.	50	250	50
10903	Bromoform	75-25-2	N.D.	50	250	50
10903	Bromomethane	74-83-9	N.D.	50	250	50
10903	Carbon Tetrachloride	56-23-5	N.D.	50	250	50
10903	Chlorobenzene	108-90-7	N.D.	40	250	50
10903	Chloroethane	75-00-3	N.D.	50	250	50
10903	Chloroform	67-66-3	N.D.	40	250	50
10903	Chloromethane	74-87-3	N.D.	50	250	50
10903	Dibromochloromethane	124-48-1	N.D.	50	250	50
10903	1,2-Dichlorobenzene	95-50-1	N.D.	50	250	50
10903	1,3-Dichlorobenzene	541-73-1	N.D.	50	250	50
10903	1,4-Dichlorobenzene	106-46-7	N.D.	50	250	50
10903	1,1-Dichloroethane	75-34-3	N.D.	50	250	50
10903	1,2-Dichloroethane	107-06-2	N.D.	25	200	50
10903	1,1-Dichloroethene	75-35-4	N.D.	40	250	50
10903	cis-1,2-Dichloroethene	156-59-2	N.D.	40	250	50
10903	trans-1,2-Dichloroethene	156-60-5	N.D.	40	250	50
10903	1,2-Dichloropropane	78-87-5	N.D.	50	250	50
10903	cis-1,3-Dichloropropene	10061-01-5	N.D.	50	250	50
10903	trans-1,3-Dichloropropene	10061-02-6	N.D.	50	250	50
10903	Ethylbenzene	100-41-4	2,700	25	200	50
10903	Freon 113	76-13-1	N.D.	100	500	50
10903	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	25	200	50
10903	Methylene Chloride	75-09-2	N.D.	100	250	50
10903	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	50	250	50
10903	Tetrachloroethene	127-18-4	N.D.	40	250	50
10903	Toluene	108-88-3	13,000	25	200	50
10903	1,1,1-Trichloroethane	71-55-6	N.D.	40	250	50
10903	1,1,2-Trichloroethane	79-00-5	N.D.	40	250	50
10903	Trichloroethene	79-01-6	N.D.	50	250	50
10903	Trichlorofluoromethane	75-69-4	N.D.	100	250	50
10903	Vinyl Chloride	75-01-4	N.D.	50	250	50
10903	m+p-Xylene	179601-23-1	10,000	25	200	50
10903	o-Xylene	95-47-6	4,700	25	200	50

The LCS and/or LCSD recoveries are outside the stated QC window but within the marginal exceedance allowance of +/- 4 standard deviations as defined in the NELAC Standards. The following analytes are accepted based on this allowance: chloromethane.

GC/MS	Semivolatiles	SW-846 8270C	ug/l	ug/l	ug/l	
07805	Acenaphthene	83-32-9	0.3 J	0.1	0.5	1
07805	Acenaphthylene	208-96-8	0.2 J	0.1	0.5	1
07805	Anthracene	120-12-7	N.D.	0.1	0.5	1
07805	Benzo(a)anthracene	56-55-3	N.D.	0.1	0.5	1
07805	Benzo(a)pyrene	50-32-8	N.D.	0.1	0.5	1
07805	Benzo(b)fluoranthene	205-99-2	N.D.	0.1	0.5	1
07805	Benzo(g,h,i)perylene	191-24-2	N.D.	0.1	0.5	1
07805	Benzo(k)fluoranthene	207-08-9	N.D.	0.1	0.5	1
07805	Chrysene	218-01-9	N.D.	0.1	0.5	1

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

Sample Description: MW-5-W-120621 NA Water
Facility# 90260 BTST
21995 Foothill-Hayward T0600100315 MW-5

LLI Sample # WW 6699062
LLI Group # 1317852
Account # 10991

Project Name: 90260

Collected: 06/21/2012 15:20 by PH

Chevron

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

Submitted: 06/22/2012 09:25

Reported: 07/11/2012 19:27

FBH05

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Semivolatiles SW-846 8270C						
07805	Dibenz(a,h)anthracene	53-70-3	N.D.	0.1	0.5	1
07805	Fluoranthene	206-44-0	N.D.	0.1	0.5	1
07805	Fluorene	86-73-7	0.2 J	0.1	0.5	1
07805	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	0.1	0.5	1
07805	Naphthalene	91-20-3	380	1	5	10
07805	Phenanthrene	85-01-8	0.3 J	0.1	0.5	1
07805	Pyrene	129-00-0	0.2 J	0.1	0.5	1
GC Volatiles SW-846 8015B						
01728	TPH-GRO N. CA water C6-C12	n.a.	99,000	5,000	10,000	100
Pesticides/PCBs SW-846 8082						
10227	PCB-1016	12674-11-2	N.D.	0.095	0.47	1
10227	PCB-1221	11104-28-2	N.D.	0.095	0.47	1
10227	PCB-1232	11141-16-5	N.D.	0.19	0.47	1
10227	PCB-1242	53469-21-9	N.D.	0.095	0.47	1
10227	PCB-1248	12672-29-6	N.D.	0.095	0.47	1
10227	PCB-1254	11097-69-1	N.D.	0.095	0.47	1
10227	PCB-1260	11096-82-5	N.D.	0.14	0.47	1
GC Miscellaneous SW-846 8015B modified						
07105	Methane	74-82-8	11,000	500	1,500	100
GC Petroleum SW-846 8015B						
Hydrocarbons w/Si						
06610	TPH-DR0 CA C10-C28 w/ Si Gel	n.a.	5,700	50	110	1
The reverse surrogate, capric acid, is present at <1%.						
GC Petroleum SW-846 8015B modified						
Hydrocarbons w/Si						
10006	Motor Oil C16-C36 w/Si Gel	n.a.	260	39	120	1
10006	Total TPH w/Si Gel	n.a.	260	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.						
The reverse surrogate, capric acid, is present at <1%.						
Wet Chemistry EPA 300.0						
00368	Nitrate Nitrogen	14797-55-8	N.D.	250	500	5
00228	Sulfate	14808-79-8	2,100 J	1,500	5,000	5
SM20 3500 Fe B modified						
08344	Ferrous Iron	n.a.	18,200	1,000	10,000	100

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

Sample Description: MW-5-W-120621 NA Water
Facility# 90260 BTST
21995 Foothill-Hayward T0600100315 MW-5

LLI Sample # WW 6699062
LLI Group # 1317852
Account # 10991

Project Name: 90260

Collected: 06/21/2012 15:20 by PH

Chevron

6001 Bollinger Canyon Rd L4310

Submitted: 06/22/2012 09:25

San Ramon CA 94583

Reported: 07/11/2012 19:27

FBH05

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
10903	VOCs by 8260B - Water	SW-846 8260B	1	W121871AA	07/05/2012 13:28	Christopher G Torres	50
01163	GC/MS VOA Water Prep	SW-846 5030B	1	W121871AA	07/05/2012 13:28	Christopher G Torres	50
07805	PAHs 8270C Water	SW-846 8270C	1	12175WAI026	06/26/2012 02:30	Holly Berry	1
07805	PAHs 8270C Water	SW-846 8270C	1	12175WAI026	06/26/2012 07:27	Brian K Graham	10
07807	BNA Water Extraction	SW-846 3510C	1	12175WAI026	06/25/2012 11:15	Denise L Trimby	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	12178B07A	07/02/2012 18:25	Marie D John	100
01146	GC VOA Water Prep	SW-846 5030B	1	12178B07A	07/02/2012 18:25	Marie D John	100
10227	PCBs in Water 8082	SW-846 8082	1	121790009A	07/01/2012 21:21	Jamie L Brillhart	1
11117	PCB Waters Extraction	SW-846 3510C	1	121790009A	06/27/2012 15:50	JoElla L Rice	1
07105	Volatile Headspace Hydrocarbon	SW-846 8015B modified	1	121840034A	07/04/2012 16:30	Elizabeth J Marin	100
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B	1	121790025A	07/02/2012 10:55	Christine E Dolman	1
10006	TPH Fuels water w/Si Gel	SW-846 8015B modified	1	121750014A	06/26/2012 00:24	Heather E Williams	1
11180	Low Vol Ext(W) w/SG	SW-846 3510C	1	121790025A	06/28/2012 09:10	Catherine R Wiker	1
11195	TPH w/ Silica Gel Waters Ext.	SW-846 3510C	1	121750014A	06/25/2012 10:00	Olivia Arosemena	1
00368	Nitrate Nitrogen	EPA 300.0	1	12175987901A	06/23/2012 12:14	Clinton M Wilson	5
00228	Sulfate	EPA 300.0	1	12175987901A	06/23/2012 12:14	Clinton M Wilson	5
08344	Ferrous Iron	SM20 3500 Fe B modified	1	12178834401A	06/26/2012 23:30	Daniel S Smith	100

Sample Description: MW-5-W-120621 Filtered NA Water
Facility# 90260 BTST
21995 Foothill-Hayward T0600100315 MW-5

LLI Sample # WW 6699063
LLI Group # 1317852
Account # 10991

Project Name: 90260

Collected: 06/21/2012 15:20 by PH

Chevron

6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

Submitted: 06/22/2012 09:25

Reported: 07/11/2012 19:27

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
Metals Dissolved		SW-846 6010B	ug/l	ug/l	ug/l	
07044	Antimony	7440-36-0	N.D.	3.5	20.0	1
07035	Arsenic	7440-38-2	121	6.8	20.0	1
07046	Barium	7440-39-3	35.8	0.33	5.0	1
07047	Beryllium	7440-41-7	N.D.	0.67	5.0	1
07049	Cadmium	7440-43-9	N.D.	0.36	5.0	1
07051	Chromium	7440-47-3	N.D.	1.1	15.0	1
07052	Cobalt	7440-48-4	3.5 J	0.66	5.0	1
07053	Copper	7440-50-8	N.D.	2.1	10.0	1
07055	Lead	7439-92-1	8.4 J	5.1	15.0	1
07060	Molybdenum	7439-98-7	N.D.	2.9	10.0	1
07061	Nickel	7440-02-0	N.D.	1.1	10.0	1
07036	Selenium	7782-49-2	N.D.	7.5	20.0	1
07066	Silver	7440-22-4	N.D.	1.2	5.0	1
07022	Thallium	7440-28-0	N.D.	5.7	30.0	1
07071	Vanadium	7440-62-2	N.D.	1.3	5.0	1
07072	Zinc	7440-66-6	3.3 J	2.0	20.0	1
		SW-846 7470A	ug/l	ug/l	ug/l	
00259	Mercury	7439-97-6	0.041 J	0.0081	0.20	1

General Sample Comments

State of California Lab Certification No. 2501

This sample was filtered in the lab for dissolved metals.

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
07044	Antimony	SW-846 6010B	1	121781848002	06/27/2012 23:57	John W Yanzuk II	1
07035	Arsenic	SW-846 6010B	1	121781848002	06/28/2012 07:22	Tara L Snyder	1
07046	Barium	SW-846 6010B	1	121781848002	06/27/2012 23:57	John W Yanzuk II	1
07047	Beryllium	SW-846 6010B	1	121781848002	06/27/2012 23:57	John W Yanzuk II	1
07049	Cadmium	SW-846 6010B	1	121781848002	06/27/2012 23:57	John W Yanzuk II	1
07051	Chromium	SW-846 6010B	1	121781848002	06/27/2012 23:57	John W Yanzuk II	1
07052	Cobalt	SW-846 6010B	1	121781848002	06/28/2012 07:22	Tara L Snyder	1
07053	Copper	SW-846 6010B	1	121781848002	06/27/2012 23:57	John W Yanzuk II	1
07055	Lead	SW-846 6010B	1	121781848002	06/28/2012 07:22	Tara L Snyder	1
07060	Molybdenum	SW-846 6010B	1	121781848002	06/28/2012 07:22	Tara L Snyder	1
07061	Nickel	SW-846 6010B	1	121781848002	06/27/2012 23:57	John W Yanzuk II	1
07036	Selenium	SW-846 6010B	1	121781848002	06/27/2012 23:57	John W Yanzuk II	1
07066	Silver	SW-846 6010B	1	121781848002	06/27/2012 23:57	John W Yanzuk II	1
07022	Thallium	SW-846 6010B	1	121781848002	06/27/2012 23:57	John W Yanzuk II	1
07071	Vanadium	SW-846 6010B	1	121781848002	06/27/2012 23:57	John W Yanzuk II	1
07072	Zinc	SW-846 6010B	1	121781848002	06/27/2012 23:57	John W Yanzuk II	1

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

Sample Description: MW-5-W-120621 Filtered NA Water
Facility# 90260 BTST
21995 Foothill-Hayward T0600100315 MW-5

LLI Sample # WW 6699063
LLI Group # 1317852
Account # 10991

Project Name: 90260

Collected: 06/21/2012 15:20 by PH

Chevron

6001 Bollinger Canyon Rd L4310

Submitted: 06/22/2012 09:25

San Ramon CA 94583

Reported: 07/11/2012 19:27

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
00259	Mercury	SW-846 7470A	1	121785713001	06/27/2012 09:38	Damary Valentin	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	121781848002	06/27/2012 13:30	James L Mertz	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	121785713001	06/26/2012 14:47	Nelli S Markaryan	1

Sample Description: MW-6-W-120621 NA Water
Facility# 90260 BTST
21995 Foothill-Hayward T0600100315 MW-6

LLI Sample # WW 6699064
LLI Group # 1317852
Account # 10991

Project Name: 90260

Collected: 06/21/2012 14:40 by PH

Chevron

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

Submitted: 06/22/2012 09:25

Reported: 07/11/2012 19:27

FBH06

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	
10903	Benzene	71-43-2	N.D.	0.5	4	1
10903	Bromodichloromethane	75-27-4	N.D.	1	5	1
10903	Bromoform	75-25-2	N.D.	1	5	1
10903	Bromomethane	74-83-9	N.D.	1	5	1
10903	Carbon Tetrachloride	56-23-5	N.D.	1	5	1
10903	Chlorobenzene	108-90-7	N.D.	0.8	5	1
10903	Chloroethane	75-00-3	N.D.	1	5	1
10903	Chloroform	67-66-3	N.D.	0.8	5	1
10903	Chloromethane	74-87-3	N.D.	1	5	1
10903	Dibromochloromethane	124-48-1	N.D.	1	5	1
10903	1,2-Dichlorobenzene	95-50-1	N.D.	1	5	1
10903	1,3-Dichlorobenzene	541-73-1	N.D.	1	5	1
10903	1,4-Dichlorobenzene	106-46-7	N.D.	1	5	1
10903	1,1-Dichloroethane	75-34-3	N.D.	1	5	1
10903	1,2-Dichloroethane	107-06-2	N.D.	0.5	4	1
10903	1,1-Dichloroethene	75-35-4	N.D.	0.8	5	1
10903	cis-1,2-Dichloroethene	156-59-2	N.D.	0.8	5	1
10903	trans-1,2-Dichloroethene	156-60-5	N.D.	0.8	5	1
10903	1,2-Dichloropropane	78-87-5	N.D.	1	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	N.D.	1	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	N.D.	1	5	1
10903	Ethylbenzene	100-41-4	N.D.	0.5	4	1
10903	Freon 113	76-13-1	N.D.	2	10	1
10903	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	4	1
10903	Methylene Chloride	75-09-2	N.D.	2	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1	5	1
10903	Tetrachloroethene	127-18-4	N.D.	0.8	5	1
10903	Toluene	108-88-3	N.D.	0.5	4	1
10903	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	5	1
10903	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	5	1
10903	Trichloroethene	79-01-6	N.D.	1	5	1
10903	Trichlorofluoromethane	75-69-4	N.D.	2	5	1
10903	Vinyl Chloride	75-01-4	N.D.	1	5	1
10903	m+p-Xylene	179601-23-1	N.D.	0.5	4	1
10903	o-Xylene	95-47-6	N.D.	0.5	4	1

The LCS and/or LCSD recoveries are outside the stated QC window but within the marginal exceedance allowance of +/- 4 standard deviations as defined in the NELAC Standards. The following analytes are accepted based on this allowance: chloromethane.

GC/MS	Semivolatiles	SW-846 8270C	ug/l	ug/l	ug/l	
07805	Acenaphthene	83-32-9	N.D.	0.1	0.5	1
07805	Acenaphthylene	208-96-8	N.D.	0.1	0.5	1
07805	Anthracene	120-12-7	N.D.	0.1	0.5	1
07805	Benzo(a)anthracene	56-55-3	N.D.	0.1	0.5	1
07805	Benzo(a)pyrene	50-32-8	N.D.	0.1	0.5	1
07805	Benzo(b)fluoranthene	205-99-2	N.D.	0.1	0.5	1
07805	Benzo(g,h,i)perylene	191-24-2	N.D.	0.1	0.5	1
07805	Benzo(k)fluoranthene	207-08-9	N.D.	0.1	0.5	1
07805	Chrysene	218-01-9	N.D.	0.1	0.5	1

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

Sample Description: MW-6-W-120621 NA Water
Facility# 90260 BTST
21995 Foothill-Hayward T0600100315 MW-6

LLI Sample # WW 6699064
LLI Group # 1317852
Account # 10991

Project Name: 90260

Collected: 06/21/2012 14:40 by PH

Chevron

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

Submitted: 06/22/2012 09:25

Reported: 07/11/2012 19:27

FBH06

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Semivolatiles SW-846 8270C						
07805	Dibenz(a,h)anthracene	53-70-3	N.D.	0.1	0.5	1
07805	Fluoranthene	206-44-0	N.D.	0.1	0.5	1
07805	Fluorene	86-73-7	N.D.	0.1	0.5	1
07805	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	0.1	0.5	1
07805	Naphthalene	91-20-3	N.D.	0.1	0.5	1
07805	Phenanthrene	85-01-8	N.D.	0.1	0.5	1
07805	Pyrene	129-00-0	N.D.	0.1	0.5	1
GC Volatiles SW-846 8015B						
01728	TPH-GRO N. CA water C6-C12	n.a.	N.D.	50	100	1
Pesticides/PCBs SW-846 8082						
10227	PCB-1016	12674-11-2	N.D.	0.096	0.48	1
10227	PCB-1221	11104-28-2	N.D.	0.096	0.48	1
10227	PCB-1232	11141-16-5	N.D.	0.19	0.48	1
10227	PCB-1242	53469-21-9	N.D.	0.096	0.48	1
10227	PCB-1248	12672-29-6	N.D.	0.096	0.48	1
10227	PCB-1254	11097-69-1	N.D.	0.096	0.48	1
10227	PCB-1260	11096-82-5	N.D.	0.14	0.48	1
GC Miscellaneous SW-846 8015B modified						
07105	Methane	74-82-8	26	5.0	15	1
GC Petroleum SW-846 8015B						
Hydrocarbons w/Si						
06610	TPH-DR0 CA C10-C28 w/ Si Gel	n.a.	N.D.	50	100	1
The reverse surrogate, capric acid, is present at <1%.						
GC Petroleum SW-846 8015B modified						
Hydrocarbons w/Si						
10006	Motor Oil C16-C36 w/Si Gel	n.a.	N.D.	39	120	1
10006	Total TPH w/Si Gel	n.a.	N.D.	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.						
The reverse surrogate, capric acid, is present at <1%.						
Wet Chemistry EPA 300.0						
00368	Nitrate Nitrogen	14797-55-8	N.D.	250	500	5
00228	Sulfate	14808-79-8	80,500	3,000	10,000	10
SM20 3500 Fe B modified						
08344	Ferrous Iron	n.a.	57 J	10	100	1

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

Sample Description: MW-6-W-120621 NA Water
Facility# 90260 BTST
21995 Foothill-Hayward T0600100315 MW-6

LLI Sample # WW 6699064
LLI Group # 1317852
Account # 10991

Project Name: 90260

Collected: 06/21/2012 14:40 by PH

Chevron

6001 Bollinger Canyon Rd L4310

Submitted: 06/22/2012 09:25

San Ramon CA 94583

Reported: 07/11/2012 19:27

FBH06

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
10903	VOCs by 8260B - Water	SW-846 8260B	1	W121871AA	07/05/2012 05:14	Christopher G Torres	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	W121871AA	07/05/2012 05:14	Christopher G Torres	1
07805	PAHs 8270C Water	SW-846 8270C	1	12175WAI026	06/26/2012 07:50	Brian K Graham	1
07807	BNA Water Extraction	SW-846 3510C	1	12175WAI026	06/25/2012 11:15	Denise L Trimby	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	12178B07A	07/02/2012 14:10	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	12178B07A	07/02/2012 14:10	Marie D John	1
10227	PCBs in Water 8082	SW-846 8082	1	121790009A	06/29/2012 17:57	Jessica L Miller	1
11117	PCB Waters Extraction	SW-846 3510C	1	121790009A	06/27/2012 15:50	JoElla L Rice	1
07105	Volatile Headspace Hydrocarbon	SW-846 8015B modified	1	121840034A	07/03/2012 18:17	Elizabeth J Marin	1
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B	1	121790025A	07/02/2012 11:23	Christine E Dolman	1
10006	TPH Fuels water w/Si Gel	SW-846 8015B modified	1	121750014A	06/26/2012 00:48	Heather E Williams	1
11180	Low Vol Ext(W) w/SG	SW-846 3510C	1	121790025A	06/28/2012 09:10	Catherine R Wiker	1
11195	TPH w/ Silica Gel Waters Ext.	SW-846 3510C	1	121750014A	06/25/2012 10:00	Olivia Arosemena	1
00368	Nitrate Nitrogen	EPA 300.0	1	12175987901A	06/23/2012 16:01	Clinton M Wilson	5
00228	Sulfate	EPA 300.0	1	12175987901A	06/24/2012 18:07	Clinton M Wilson	10
08344	Ferrous Iron	SM20 3500 Fe B modified	1	12178834401A	06/26/2012 23:30	Daniel S Smith	1

Sample Description: MW-6-W-120621 Filtered NA Water
Facility# 90260 BTST
21995 Foothill-Hayward T0600100315 MW-6

LLI Sample # WW 6699065
LLI Group # 1317852
Account # 10991

Project Name: 90260

Collected: 06/21/2012 14:40 by PH

Chevron

6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

Submitted: 06/22/2012 09:25

Reported: 07/11/2012 19:27

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
Metals Dissolved		SW-846 6010B	ug/l	ug/l	ug/l	
07044	Antimony	7440-36-0	N.D.	3.5	20.0	1
07035	Arsenic	7440-38-2	12.5 J	6.8	20.0	1
07046	Barium	7440-39-3	137	0.33	5.0	1
07047	Beryllium	7440-41-7	N.D.	0.67	5.0	1
07049	Cadmium	7440-43-9	N.D.	0.36	5.0	1
07051	Chromium	7440-47-3	N.D.	1.1	15.0	1
07052	Cobalt	7440-48-4	N.D.	0.66	5.0	1
07053	Copper	7440-50-8	N.D.	2.1	10.0	1
07055	Lead	7439-92-1	N.D.	5.1	15.0	1
07060	Molybdenum	7439-98-7	N.D.	2.9	10.0	1
07061	Nickel	7440-02-0	1.5 J	1.1	10.0	1
07036	Selenium	7782-49-2	N.D.	7.5	20.0	1
07066	Silver	7440-22-4	N.D.	1.2	5.0	1
07022	Thallium	7440-28-0	N.D.	5.7	30.0	1
07071	Vanadium	7440-62-2	6.0	1.3	5.0	1
07072	Zinc	7440-66-6	2.8 J	2.0	20.0	1
		SW-846 7470A	ug/l	ug/l	ug/l	
00259	Mercury	7439-97-6	0.20	0.0081	0.20	1

General Sample Comments

State of California Lab Certification No. 2501

This sample was filtered in the lab for dissolved metals.

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
07044	Antimony	SW-846 6010B	1	121781848002	06/28/2012 00:09	John W Yanzuk II	1
07035	Arsenic	SW-846 6010B	1	121781848002	06/28/2012 07:26	Tara L Snyder	1
07046	Barium	SW-846 6010B	1	121781848002	06/28/2012 00:09	John W Yanzuk II	1
07047	Beryllium	SW-846 6010B	1	121781848002	06/28/2012 00:09	John W Yanzuk II	1
07049	Cadmium	SW-846 6010B	1	121781848002	06/28/2012 00:09	John W Yanzuk II	1
07051	Chromium	SW-846 6010B	1	121781848002	06/28/2012 00:09	John W Yanzuk II	1
07052	Cobalt	SW-846 6010B	1	121781848002	06/28/2012 00:09	John W Yanzuk II	1
07053	Copper	SW-846 6010B	1	121781848002	06/28/2012 00:09	John W Yanzuk II	1
07055	Lead	SW-846 6010B	1	121781848002	06/28/2012 07:26	Tara L Snyder	1
07060	Molybdenum	SW-846 6010B	1	121781848002	06/28/2012 00:09	John W Yanzuk II	1
07061	Nickel	SW-846 6010B	1	121781848002	06/28/2012 07:26	Tara L Snyder	1
07036	Selenium	SW-846 6010B	1	121781848002	06/28/2012 00:09	John W Yanzuk II	1
07066	Silver	SW-846 6010B	1	121781848002	06/28/2012 00:09	John W Yanzuk II	1
07022	Thallium	SW-846 6010B	1	121781848002	06/28/2012 00:09	John W Yanzuk II	1
07071	Vanadium	SW-846 6010B	1	121781848002	06/28/2012 07:26	Tara L Snyder	1
07072	Zinc	SW-846 6010B	1	121781848002	06/28/2012 00:09	John W Yanzuk II	1

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

Sample Description: MW-6-W-120621 Filtered NA Water
Facility# 90260 BTST
21995 Foothill-Hayward T0600100315 MW-6

LLI Sample # WW 6699065
LLI Group # 1317852
Account # 10991

Project Name: 90260

Collected: 06/21/2012 14:40 by PH

Chevron

6001 Bollinger Canyon Rd L4310

Submitted: 06/22/2012 09:25

San Ramon CA 94583

Reported: 07/11/2012 19:27

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
00259	Mercury	SW-846 7470A	1	121785713001	06/27/2012 09:40	Damary Valentin	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	121781848002	06/27/2012 13:30	James L Mertz	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	121785713001	06/26/2012 14:47	Nelli S Markaryan	1

Sample Description: MW-7-W-120621 NA Water
Facility# 90260 BTST
21995 Foothill-Hayward T0600100315 MW-7

LLI Sample # WW 6699066
LLI Group # 1317852
Account # 10991

Project Name: 90260

Collected: 06/21/2012 14:00 by PH

Chevron

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

Submitted: 06/22/2012 09:25

Reported: 07/11/2012 19:27

FBH07

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	
10903	Benzene	71-43-2	N.D.	0.5	4	1
10903	Bromodichloromethane	75-27-4	N.D.	1	5	1
10903	Bromoform	75-25-2	N.D.	1	5	1
10903	Bromomethane	74-83-9	N.D.	1	5	1
10903	Carbon Tetrachloride	56-23-5	N.D.	1	5	1
10903	Chlorobenzene	108-90-7	N.D.	0.8	5	1
10903	Chloroethane	75-00-3	N.D.	1	5	1
10903	Chloroform	67-66-3	N.D.	0.8	5	1
10903	Chloromethane	74-87-3	N.D.	1	5	1
10903	Dibromochloromethane	124-48-1	N.D.	1	5	1
10903	1,2-Dichlorobenzene	95-50-1	N.D.	1	5	1
10903	1,3-Dichlorobenzene	541-73-1	N.D.	1	5	1
10903	1,4-Dichlorobenzene	106-46-7	N.D.	1	5	1
10903	1,1-Dichloroethane	75-34-3	N.D.	1	5	1
10903	1,2-Dichloroethane	107-06-2	N.D.	0.5	4	1
10903	1,1-Dichloroethene	75-35-4	N.D.	0.8	5	1
10903	cis-1,2-Dichloroethene	156-59-2	N.D.	0.8	5	1
10903	trans-1,2-Dichloroethene	156-60-5	N.D.	0.8	5	1
10903	1,2-Dichloropropane	78-87-5	N.D.	1	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	N.D.	1	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	N.D.	1	5	1
10903	Ethylbenzene	100-41-4	N.D.	0.5	4	1
10903	Freon 113	76-13-1	N.D.	2	10	1
10903	Methyl Tertiary Butyl Ether	1634-04-4	140	0.5	4	1
10903	Methylene Chloride	75-09-2	N.D.	2	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1	5	1
10903	Tetrachloroethene	127-18-4	N.D.	0.8	5	1
10903	Toluene	108-88-3	N.D.	0.5	4	1
10903	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	5	1
10903	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	5	1
10903	Trichloroethene	79-01-6	N.D.	1	5	1
10903	Trichlorofluoromethane	75-69-4	N.D.	2	5	1
10903	Vinyl Chloride	75-01-4	N.D.	1	5	1
10903	m+p-Xylene	179601-23-1	N.D.	0.5	4	1
10903	o-Xylene	95-47-6	N.D.	0.5	4	1

The LCS and/or LCSD recoveries are outside the stated QC window but within the marginal exceedance allowance of +/- 4 standard deviations as defined in the NELAC Standards. The following analytes are accepted based on this allowance: chloromethane.

GC/MS	Semivolatiles	SW-846 8270C	ug/l	ug/l	ug/l	
07805	Acenaphthene	83-32-9	N.D.	0.1	0.5	1
07805	Acenaphthylene	208-96-8	N.D.	0.1	0.5	1
07805	Anthracene	120-12-7	N.D.	0.1	0.5	1
07805	Benzo(a)anthracene	56-55-3	N.D.	0.1	0.5	1
07805	Benzo(a)pyrene	50-32-8	N.D.	0.1	0.5	1
07805	Benzo(b)fluoranthene	205-99-2	N.D.	0.1	0.5	1
07805	Benzo(g,h,i)perylene	191-24-2	N.D.	0.1	0.5	1
07805	Benzo(k)fluoranthene	207-08-9	N.D.	0.1	0.5	1
07805	Chrysene	218-01-9	N.D.	0.1	0.5	1

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

Sample Description: MW-7-W-120621 NA Water
Facility# 90260 BTST
21995 Foothill-Hayward T0600100315 MW-7

LLI Sample # WW 6699066
LLI Group # 1317852
Account # 10991

Project Name: 90260

Collected: 06/21/2012 14:00 by PH

Chevron

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

Submitted: 06/22/2012 09:25

Reported: 07/11/2012 19:27

FBH07

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Semivolatiles SW-846 8270C						
07805	Dibenz(a,h)anthracene	53-70-3	N.D.	0.1	0.5	1
07805	Fluoranthene	206-44-0	N.D.	0.1	0.5	1
07805	Fluorene	86-73-7	N.D.	0.1	0.5	1
07805	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	0.1	0.5	1
07805	Naphthalene	91-20-3	0.4 J	0.1	0.5	1
07805	Phenanthrene	85-01-8	N.D.	0.1	0.5	1
07805	Pyrene	129-00-0	N.D.	0.1	0.5	1
GC Volatiles SW-846 8015B						
01728	TPH-GRO N. CA water C6-C12	n.a.	N.D.	50	100	1
Pesticides/PCBs SW-846 8082						
10227	PCB-1016	12674-11-2	N.D.	0.10	0.51	1
10227	PCB-1221	11104-28-2	N.D.	0.10	0.51	1
10227	PCB-1232	11141-16-5	N.D.	0.20	0.51	1
10227	PCB-1242	53469-21-9	N.D.	0.10	0.51	1
10227	PCB-1248	12672-29-6	N.D.	0.10	0.51	1
10227	PCB-1254	11097-69-1	N.D.	0.10	0.51	1
10227	PCB-1260	11096-82-5	N.D.	0.15	0.51	1
GC Miscellaneous SW-846 8015B modified						
07105	Methane	74-82-8	37	5.0	15	1
GC Petroleum SW-846 8015B						
Hydrocarbons w/Si						
06610	TPH-DR0 CA C10-C28 w/ Si Gel	n.a.	160	50	110	1
The reverse surrogate, capric acid, is present at <1%.						
GC Petroleum SW-846 8015B modified						
Hydrocarbons w/Si						
10006	Motor Oil C16-C36 w/Si Gel	n.a.	N.D.	39	120	1
10006	Total TPH w/Si Gel	n.a.	N.D.	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.						
The reverse surrogate, capric acid, is present at <1%.						
Wet Chemistry EPA 300.0						
00368	Nitrate Nitrogen	14797-55-8	6,500	250	500	5
00228	Sulfate	14808-79-8	64,700	1,500	5,000	5
SM20 3500 Fe B modified						
08344	Ferrous Iron	n.a.	54 J	10	100	1

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

Sample Description: MW-7-W-120621 NA Water
Facility# 90260 BTST
21995 Foothill-Hayward T0600100315 MW-7

LLI Sample # WW 6699066
LLI Group # 1317852
Account # 10991

Project Name: 90260

Collected: 06/21/2012 14:00 by PH

Chevron

6001 Bollinger Canyon Rd L4310

Submitted: 06/22/2012 09:25

San Ramon CA 94583

Reported: 07/11/2012 19:27

FBH07

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
10903	VOCs by 8260B - Water	SW-846 8260B	1	W121871AA	07/05/2012 05:37	Christopher G Torres	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	W121871AA	07/05/2012 05:37	Christopher G Torres	1
07805	PAHs 8270C Water	SW-846 8270C	1	12175WAI026	06/26/2012 08:12	Brian K Graham	1
07807	BNA Water Extraction	SW-846 3510C	1	12175WAI026	06/25/2012 11:15	Denise L Trimby	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	12178B07A	07/02/2012 14:36	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	12178B07A	07/02/2012 14:36	Marie D John	1
10227	PCBs in Water 8082	SW-846 8082	1	121790009A	06/29/2012 18:11	Jessica L Miller	1
11117	PCB Waters Extraction	SW-846 3510C	1	121790009A	06/27/2012 15:50	JoElla L Rice	1
07105	Volatile Headspace Hydrocarbon	SW-846 8015B modified	1	121840034A	07/03/2012 18:35	Elizabeth J Marin	1
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B	1	121790025A	07/02/2012 11:45	Christine E Dolman	1
10006	TPH Fuels water w/Si Gel	SW-846 8015B modified	1	121750014A	06/26/2012 01:12	Heather E Williams	1
11180	Low Vol Ext(W) w/SG	SW-846 3510C	1	121790025A	06/28/2012 09:10	Catherine R Wiker	1
11195	TPH w/ Silica Gel Waters Ext.	SW-846 3510C	1	121750014A	06/25/2012 10:00	Olivia Arosemena	1
00368	Nitrate Nitrogen	EPA 300.0	1	12175987901A	06/23/2012 15:04	Clinton M Wilson	5
00228	Sulfate	EPA 300.0	1	12175987901A	06/23/2012 15:04	Clinton M Wilson	5
08344	Ferrous Iron	SM20 3500 Fe B modified	1	12178834401A	06/26/2012 23:30	Daniel S Smith	1

Sample Description: MW-7-W-120621 Filtered NA Water
Facility# 90260 BTST
21995 Foothill-Hayward T0600100315 MW-7

LLI Sample # WW 6699067
LLI Group # 1317852
Account # 10991

Project Name: 90260

Collected: 06/21/2012 14:00 by PH

Chevron

6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

Submitted: 06/22/2012 09:25

Reported: 07/11/2012 19:27

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
Metals Dissolved		SW-846 6010B	ug/l	ug/l	ug/l	
07044	Antimony	7440-36-0	N.D.	3.5	20.0	1
07035	Arsenic	7440-38-2	N.D.	6.8	20.0	1
07046	Barium	7440-39-3	217	0.33	5.0	1
07047	Beryllium	7440-41-7	N.D.	0.67	5.0	1
07049	Cadmium	7440-43-9	N.D.	0.36	5.0	1
07051	Chromium	7440-47-3	N.D.	1.1	15.0	1
07052	Cobalt	7440-48-4	N.D.	0.66	5.0	1
07053	Copper	7440-50-8	N.D.	2.1	10.0	1
07055	Lead	7439-92-1	N.D.	5.1	15.0	1
07060	Molybdenum	7439-98-7	N.D.	2.9	10.0	1
07061	Nickel	7440-02-0	N.D.	1.1	10.0	1
07036	Selenium	7782-49-2	N.D.	7.5	20.0	1
07066	Silver	7440-22-4	N.D.	1.2	5.0	1
07022	Thallium	7440-28-0	N.D.	5.7	30.0	1
07071	Vanadium	7440-62-2	12.8	1.3	5.0	1
07072	Zinc	7440-66-6	5.5 J	2.0	20.0	1
		SW-846 7470A	ug/l	ug/l	ug/l	
00259	Mercury	7439-97-6	0.094 J	0.0081	0.20	1

General Sample Comments

State of California Lab Certification No. 2501

This sample was filtered in the lab for dissolved metals.

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
07044	Antimony	SW-846 6010B	1	121781848002	06/28/2012 00:13	John W Yanzuk II	1
07035	Arsenic	SW-846 6010B	1	121781848002	06/28/2012 00:13	John W Yanzuk II	1
07046	Barium	SW-846 6010B	1	121781848002	06/28/2012 00:13	John W Yanzuk II	1
07047	Beryllium	SW-846 6010B	1	121781848002	06/28/2012 00:13	John W Yanzuk II	1
07049	Cadmium	SW-846 6010B	1	121781848002	06/28/2012 00:13	John W Yanzuk II	1
07051	Chromium	SW-846 6010B	1	121781848002	06/28/2012 00:13	John W Yanzuk II	1
07052	Cobalt	SW-846 6010B	1	121781848002	06/28/2012 00:13	John W Yanzuk II	1
07053	Copper	SW-846 6010B	1	121781848002	06/28/2012 00:13	John W Yanzuk II	1
07055	Lead	SW-846 6010B	1	121781848002	06/28/2012 00:13	John W Yanzuk II	1
07060	Molybdenum	SW-846 6010B	1	121781848002	06/28/2012 00:13	John W Yanzuk II	1
07061	Nickel	SW-846 6010B	1	121781848002	06/28/2012 00:13	John W Yanzuk II	1
07036	Selenium	SW-846 6010B	1	121781848002	06/28/2012 00:13	John W Yanzuk II	1
07066	Silver	SW-846 6010B	1	121781848002	06/28/2012 00:13	John W Yanzuk II	1
07022	Thallium	SW-846 6010B	1	121781848002	06/28/2012 00:13	John W Yanzuk II	1
07071	Vanadium	SW-846 6010B	1	121781848002	06/28/2012 07:31	Tara L Snyder	1
07072	Zinc	SW-846 6010B	1	121781848002	06/28/2012 00:13	John W Yanzuk II	1

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

Sample Description: MW-7-W-120621 Filtered NA Water
Facility# 90260 BTST
21995 Foothill-Hayward T0600100315 MW-7

LLI Sample # WW 6699067
LLI Group # 1317852
Account # 10991

Project Name: 90260

Collected: 06/21/2012 14:00 by PH

Chevron

6001 Bollinger Canyon Rd L4310

Submitted: 06/22/2012 09:25

San Ramon CA 94583

Reported: 07/11/2012 19:27

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
00259	Mercury	SW-846 7470A	1	121785713001	06/27/2012 09:42	Damary Valentin	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	121781848002	06/27/2012 13:30	James L Mertz	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	121785713001	06/26/2012 14:47	Nelli S Markaryan	1

Sample Description: MW-8-W-120621 NA Water
Facility# 90260 BTST
21995 Foothill-Hayward T0600100315 MW-8

LLI Sample # WW 6699068
LLI Group # 1317852
Account # 10991

Project Name: 90260

Collected: 06/21/2012 13:20 by PH

Chevron

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

Submitted: 06/22/2012 09:25

Reported: 07/11/2012 19:27

FBH08

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	
10903	Benzene	71-43-2	1 J	1	8	2
10903	Bromodichloromethane	75-27-4	N.D.	2	10	2
10903	Bromoform	75-25-2	N.D.	2	10	2
10903	Bromomethane	74-83-9	N.D.	2	10	2
10903	Carbon Tetrachloride	56-23-5	N.D.	2	10	2
10903	Chlorobenzene	108-90-7	N.D.	2	10	2
10903	Chloroethane	75-00-3	N.D.	2	10	2
10903	Chloroform	67-66-3	N.D.	2	10	2
10903	Chloromethane	74-87-3	N.D.	2	10	2
10903	Dibromochloromethane	124-48-1	N.D.	2	10	2
10903	1,2-Dichlorobenzene	95-50-1	N.D.	2	10	2
10903	1,3-Dichlorobenzene	541-73-1	N.D.	2	10	2
10903	1,4-Dichlorobenzene	106-46-7	N.D.	2	10	2
10903	1,1-Dichloroethane	75-34-3	N.D.	2	10	2
10903	1,2-Dichloroethane	107-06-2	N.D.	1	8	2
10903	1,1-Dichloroethene	75-35-4	N.D.	2	10	2
10903	cis-1,2-Dichloroethene	156-59-2	N.D.	2	10	2
10903	trans-1,2-Dichloroethene	156-60-5	N.D.	2	10	2
10903	1,2-Dichloropropane	78-87-5	N.D.	2	10	2
10903	cis-1,3-Dichloropropene	10061-01-5	N.D.	2	10	2
10903	trans-1,3-Dichloropropene	10061-02-6	N.D.	2	10	2
10903	Ethylbenzene	100-41-4	390	1	8	2
10903	Freon 113	76-13-1	N.D.	4	20	2
10903	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	1	8	2
10903	Methylene Chloride	75-09-2	N.D.	4	10	2
10903	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	2	10	2
10903	Tetrachloroethene	127-18-4	N.D.	2	10	2
10903	Toluene	108-88-3	400	1	8	2
10903	1,1,1-Trichloroethane	71-55-6	N.D.	2	10	2
10903	1,1,2-Trichloroethane	79-00-5	N.D.	2	10	2
10903	Trichloroethene	79-01-6	N.D.	2	10	2
10903	Trichlorofluoromethane	75-69-4	N.D.	4	10	2
10903	Vinyl Chloride	75-01-4	N.D.	2	10	2
10903	m+p-Xylene	179601-23-1	430	1	8	2
10903	o-Xylene	95-47-6	740	10	80	20

The LCS and/or LCSD recoveries are outside the stated QC window but within the marginal exceedance allowance of +/- 4 standard deviations as defined in the NELAC Standards. The following analytes are accepted based on this allowance: chloromethane.

GC/MS	Semivolatiles	SW-846 8270C	ug/l	ug/l	ug/l	
07805	Acenaphthene	83-32-9	0.1 J	0.1	0.5	1
07805	Acenaphthylene	208-96-8	N.D.	0.1	0.5	1
07805	Anthracene	120-12-7	N.D.	0.1	0.5	1
07805	Benzo(a)anthracene	56-55-3	N.D.	0.1	0.5	1
07805	Benzo(a)pyrene	50-32-8	N.D.	0.1	0.5	1
07805	Benzo(b)fluoranthene	205-99-2	N.D.	0.1	0.5	1
07805	Benzo(g,h,i)perylene	191-24-2	N.D.	0.1	0.5	1
07805	Benzo(k)fluoranthene	207-08-9	N.D.	0.1	0.5	1
07805	Chrysene	218-01-9	N.D.	0.1	0.5	1

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

Sample Description: MW-8-W-120621 NA Water
Facility# 90260 BTST
21995 Foothill-Hayward T0600100315 MW-8

LLI Sample # WW 6699068
LLI Group # 1317852
Account # 10991

Project Name: 90260

Collected: 06/21/2012 13:20 by PH

Chevron

6001 Bollinger Canyon Rd L4310

Submitted: 06/22/2012 09:25

San Ramon CA 94583

Reported: 07/11/2012 19:27

FBH08

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Semivolatiles SW-846 8270C						
07805	Dibenz(a,h)anthracene	53-70-3	N.D.	0.1	0.5	1
07805	Fluoranthene	206-44-0	N.D.	0.1	0.5	1
07805	Fluorene	86-73-7	0.1 J	0.1	0.5	1
07805	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	0.1	0.5	1
07805	Naphthalene	91-20-3	150	1	5	10
07805	Phenanthrene	85-01-8	0.2 J	0.1	0.5	1
07805	Pyrene	129-00-0	0.2 J	0.1	0.5	1
GC Volatiles SW-846 8015B						
01728	TPH-GRO N. CA water C6-C12	n.a.	8,300	250	500	5
Pesticides/PCBs SW-846 8082						
10227	PCB-1016	12674-11-2	N.D.	0.095	0.48	1
10227	PCB-1221	11104-28-2	N.D.	0.095	0.48	1
10227	PCB-1232	11141-16-5	N.D.	0.19	0.48	1
10227	PCB-1242	53469-21-9	N.D.	0.095	0.48	1
10227	PCB-1248	12672-29-6	N.D.	0.095	0.48	1
10227	PCB-1254	11097-69-1	N.D.	0.095	0.48	1
10227	PCB-1260	11096-82-5	N.D.	0.14	0.48	1
GC Miscellaneous SW-846 8015B modified						
07105	Methane	74-82-8	3,200	250	750	50
GC Petroleum SW-846 8015B						
Hydrocarbons w/Si						
06610	TPH-DR0 CA C10-C28 w/ Si Gel	n.a.	1,300	50	110	1
The reverse surrogate, capric acid, is present at <1%.						
GC Petroleum SW-846 8015B modified						
Hydrocarbons w/Si						
10006	Motor Oil C16-C36 w/Si Gel	n.a.	64 J	38	110	1
10006	Total TPH w/Si Gel	n.a.	64 J	38	110	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.						
The reverse surrogate, capric acid, is present at <1%.						
Wet Chemistry EPA 300.0						
00368	Nitrate Nitrogen	14797-55-8	N.D.	250	500	5
00228	Sulfate	14808-79-8	10,500	1,500	5,000	5
SM20 3500 Fe B modified						
08344	Ferrous Iron	n.a.	1,000	50	500	5

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

Sample Description: MW-8-W-120621 NA Water
Facility# 90260 BTST
21995 Foothill-Hayward T0600100315 MW-8

LLI Sample # WW 6699068
LLI Group # 1317852
Account # 10991

Project Name: 90260

Collected: 06/21/2012 13:20 by PH

Chevron

6001 Bollinger Canyon Rd L4310

Submitted: 06/22/2012 09:25

San Ramon CA 94583

Reported: 07/11/2012 19:27

FBH08

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
10903	VOCs by 8260B - Water	SW-846 8260B	1	W121871AA	07/05/2012 07:59	Christopher G Torres	2
10903	VOCs by 8260B - Water	SW-846 8260B	1	W121871AA	07/05/2012 08:22	Christopher G Torres	20
01163	GC/MS VOA Water Prep	SW-846 5030B	1	W121871AA	07/05/2012 07:59	Christopher G Torres	2
01163	GC/MS VOA Water Prep	SW-846 5030B	2	W121871AA	07/05/2012 08:22	Christopher G Torres	20
07805	PAHs 8270C Water	SW-846 8270C	1	12175WAI026	06/26/2012 08:35	Brian K Graham	1
07805	PAHs 8270C Water	SW-846 8270C	1	12175WAI026	06/26/2012 14:37	Brian K Graham	10
07807	BNA Water Extraction	SW-846 3510C	1	12175WAI026	06/25/2012 11:15	Denise L Trimby	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	12178B07A	07/02/2012 18:50	Marie D John	5
01146	GC VOA Water Prep	SW-846 5030B	1	12178B07A	07/02/2012 18:50	Marie D John	5
10227	PCBs in Water 8082	SW-846 8082	1	121790009A	07/01/2012 21:35	Jamie L Brillhart	1
11117	PCB Waters Extraction	SW-846 3510C	1	121790009A	06/27/2012 15:50	JoElla L Rice	1
07105	Volatile Headspace Hydrocarbon	SW-846 8015B modified	1	121840034A	07/04/2012 16:49	Elizabeth J Marin	50
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B	1	121790025A	07/02/2012 12:08	Christine E Dolman	1
10006	TPH Fuels water w/Si Gel	SW-846 8015B modified	1	121750014A	06/26/2012 01:35	Heather E Williams	1
11180	Low Vol Ext(W) w/SG	SW-846 3510C	1	121790025A	06/28/2012 09:10	Catherine R Wiker	1
11195	TPH w/ Silica Gel Waters Ext.	SW-846 3510C	1	121750014A	06/25/2012 10:00	Olivia Arosemena	1
00368	Nitrate Nitrogen	EPA 300.0	1	12175987901A	06/23/2012 14:07	Clinton M Wilson	5
00228	Sulfate	EPA 300.0	1	12175987901A	06/23/2012 14:07	Clinton M Wilson	5
08344	Ferrous Iron	SM20 3500 Fe B modified	1	12178834401A	06/26/2012 23:30	Daniel S Smith	5

Sample Description: MW-8-W-120621 Filtered NA Water
Facility# 90260 BTST
21995 Foothill-Hayward T0600100315 MW-8

LLI Sample # WW 6699069
LLI Group # 1317852
Account # 10991

Project Name: 90260

Collected: 06/21/2012 13:20 by PH

Chevron

6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

Submitted: 06/22/2012 09:25

Reported: 07/11/2012 19:27

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
Metals Dissolved		SW-846 6010B	ug/l	ug/l	ug/l	
07044	Antimony	7440-36-0	N.D.	3.5	20.0	1
07035	Arsenic	7440-38-2	96.9	6.8	20.0	1
07046	Barium	7440-39-3	136	0.33	5.0	1
07047	Beryllium	7440-41-7	N.D.	0.67	5.0	1
07049	Cadmium	7440-43-9	N.D.	0.36	5.0	1
07051	Chromium	7440-47-3	N.D.	1.1	15.0	1
07052	Cobalt	7440-48-4	N.D.	0.66	5.0	1
07053	Copper	7440-50-8	N.D.	2.1	10.0	1
07055	Lead	7439-92-1	N.D.	5.1	15.0	1
07060	Molybdenum	7439-98-7	N.D.	2.9	10.0	1
07061	Nickel	7440-02-0	4.9 J	1.1	10.0	1
07036	Selenium	7782-49-2	N.D.	7.5	20.0	1
07066	Silver	7440-22-4	N.D.	1.2	5.0	1
07022	Thallium	7440-28-0	N.D.	5.7	30.0	1
07071	Vanadium	7440-62-2	N.D.	1.3	5.0	1
07072	Zinc	7440-66-6	3.1 J	2.0	20.0	1
		SW-846 7470A	ug/l	ug/l	ug/l	
00259	Mercury	7439-97-6	0.044 J	0.0081	0.20	1

General Sample Comments

State of California Lab Certification No. 2501

This sample was filtered in the lab for dissolved metals.

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
07044	Antimony	SW-846 6010B	1	121781848002	06/28/2012 00:17	John W Yanzuk II	1
07035	Arsenic	SW-846 6010B	1	121781848002	06/28/2012 07:35	Tara L Snyder	1
07046	Barium	SW-846 6010B	1	121781848002	06/28/2012 00:17	John W Yanzuk II	1
07047	Beryllium	SW-846 6010B	1	121781848002	06/28/2012 00:17	John W Yanzuk II	1
07049	Cadmium	SW-846 6010B	1	121781848002	06/28/2012 00:17	John W Yanzuk II	1
07051	Chromium	SW-846 6010B	1	121781848002	06/28/2012 00:17	John W Yanzuk II	1
07052	Cobalt	SW-846 6010B	1	121781848002	06/28/2012 00:17	John W Yanzuk II	1
07053	Copper	SW-846 6010B	1	121781848002	06/28/2012 00:17	John W Yanzuk II	1
07055	Lead	SW-846 6010B	1	121781848002	06/28/2012 07:35	Tara L Snyder	1
07060	Molybdenum	SW-846 6010B	1	121781848002	06/28/2012 00:17	John W Yanzuk II	1
07061	Nickel	SW-846 6010B	1	121781848002	06/28/2012 07:35	Tara L Snyder	1
07036	Selenium	SW-846 6010B	1	121781848002	06/28/2012 00:17	John W Yanzuk II	1
07066	Silver	SW-846 6010B	1	121781848002	06/28/2012 00:17	John W Yanzuk II	1
07022	Thallium	SW-846 6010B	1	121781848002	06/28/2012 00:17	John W Yanzuk II	1
07071	Vanadium	SW-846 6010B	1	121781848002	06/28/2012 00:17	John W Yanzuk II	1
07072	Zinc	SW-846 6010B	1	121781848002	06/28/2012 00:17	John W Yanzuk II	1

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

Sample Description: MW-8-W-120621 Filtered NA Water
Facility# 90260 BTST
21995 Foothill-Hayward T0600100315 MW-8

LLI Sample # WW 6699069
LLI Group # 1317852
Account # 10991

Project Name: 90260

Collected: 06/21/2012 13:20 by PH

Chevron

6001 Bollinger Canyon Rd L4310

Submitted: 06/22/2012 09:25

San Ramon CA 94583

Reported: 07/11/2012 19:27

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
00259	Mercury	SW-846 7470A	1	121785713001	06/27/2012 09:43	Damary Valentin	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	121781848002	06/27/2012 13:30	James L Mertz	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	121785713001	06/26/2012 14:47	Nelli S Markaryan	1

Sample Description: MW-9-W-120621 NA Water
Facility# 90260 BTST
21995 Foothill-Hayward T0600100315 MW-9

LLI Sample # WW 6699070
LLI Group # 1317852
Account # 10991

Project Name: 90260

Collected: 06/21/2012 13:00 by PH

Chevron

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

Submitted: 06/22/2012 09:25

Reported: 07/11/2012 19:27

FBH09

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	
10903	Benzene	71-43-2	N.D.	1	8	2
10903	Bromodichloromethane	75-27-4	N.D.	2	10	2
10903	Bromoform	75-25-2	N.D.	2	10	2
10903	Bromomethane	74-83-9	N.D.	2	10	2
10903	Carbon Tetrachloride	56-23-5	N.D.	2	10	2
10903	Chlorobenzene	108-90-7	N.D.	2	10	2
10903	Chloroethane	75-00-3	N.D.	2	10	2
10903	Chloroform	67-66-3	N.D.	2	10	2
10903	Chloromethane	74-87-3	N.D.	2	10	2
10903	Dibromochloromethane	124-48-1	N.D.	2	10	2
10903	1,2-Dichlorobenzene	95-50-1	N.D.	2	10	2
10903	1,3-Dichlorobenzene	541-73-1	N.D.	2	10	2
10903	1,4-Dichlorobenzene	106-46-7	N.D.	2	10	2
10903	1,1-Dichloroethane	75-34-3	N.D.	2	10	2
10903	1,2-Dichloroethane	107-06-2	N.D.	1	8	2
10903	1,1-Dichloroethene	75-35-4	N.D.	2	10	2
10903	cis-1,2-Dichloroethene	156-59-2	N.D.	2	10	2
10903	trans-1,2-Dichloroethene	156-60-5	N.D.	2	10	2
10903	1,2-Dichloropropane	78-87-5	N.D.	2	10	2
10903	cis-1,3-Dichloropropene	10061-01-5	N.D.	2	10	2
10903	trans-1,3-Dichloropropene	10061-02-6	N.D.	2	10	2
10903	Ethylbenzene	100-41-4	39	1	8	2
10903	Freon 113	76-13-1	N.D.	4	20	2
10903	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	1	8	2
10903	Methylene Chloride	75-09-2	N.D.	4	10	2
10903	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	2	10	2
10903	Tetrachloroethene	127-18-4	N.D.	2	10	2
10903	Toluene	108-88-3	4 J	1	8	2
10903	1,1,1-Trichloroethane	71-55-6	N.D.	2	10	2
10903	1,1,2-Trichloroethane	79-00-5	N.D.	2	10	2
10903	Trichloroethene	79-01-6	N.D.	2	10	2
10903	Trichlorofluoromethane	75-69-4	N.D.	4	10	2
10903	Vinyl Chloride	75-01-4	N.D.	2	10	2
10903	m+p-Xylene	179601-23-1	12	1	8	2
10903	o-Xylene	95-47-6	8	1	8	2

The LCS and/or LCSD recoveries are outside the stated QC window but within the marginal exceedance allowance of +/- 4 standard deviations as defined in the NELAC Standards. The following analytes are accepted based on this allowance: chloromethane.

GC/MS	Semivolatiles	SW-846 8270C	ug/l	ug/l	ug/l	
07805	Acenaphthene	83-32-9	0.4 J	0.1	0.5	1
07805	Acenaphthylene	208-96-8	0.3 J	0.1	0.5	1
07805	Anthracene	120-12-7	0.2 J	0.1	0.5	1
07805	Benzo(a)anthracene	56-55-3	0.1 J	0.1	0.5	1
07805	Benzo(a)pyrene	50-32-8	0.1 J	0.1	0.5	1
07805	Benzo(b)fluoranthene	205-99-2	0.2 J	0.1	0.5	1
07805	Benzo(g,h,i)perylene	191-24-2	0.3 J	0.1	0.5	1
07805	Benzo(k)fluoranthene	207-08-9	N.D.	0.1	0.5	1
07805	Chrysene	218-01-9	0.2 J	0.1	0.5	1

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

Sample Description: MW-9-W-120621 NA Water
Facility# 90260 BTST
21995 Foothill-Hayward T0600100315 MW-9

LLI Sample # WW 6699070
LLI Group # 1317852
Account # 10991

Project Name: 90260

Collected: 06/21/2012 13:00 by PH

Chevron

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

Submitted: 06/22/2012 09:25

Reported: 07/11/2012 19:27

FBH09

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Semivolatiles SW-846 8270C						
07805	Dibenz(a,h)anthracene	53-70-3	N.D.	0.1	0.5	1
07805	Fluoranthene	206-44-0	N.D.	0.1	0.5	1
07805	Fluorene	86-73-7	0.3 J	0.1	0.5	1
07805	Indeno(1,2,3-cd)pyrene	193-39-5	0.1 J	0.1	0.5	1
07805	Naphthalene	91-20-3	31	0.1	0.5	1
07805	Phenanthrene	85-01-8	0.4 J	0.1	0.5	1
07805	Pyrene	129-00-0	0.4 J	0.1	0.5	1
GC Volatiles SW-846 8015B						
01728	TPH-GRO N. CA water C6-C12	n.a.	3,700	50	100	1
Pesticides/PCBs SW-846 8082						
10227	PCB-1016	12674-11-2	N.D.	0.096	0.48	1
10227	PCB-1221	11104-28-2	N.D.	0.096	0.48	1
10227	PCB-1232	11141-16-5	N.D.	0.19	0.48	1
10227	PCB-1242	53469-21-9	N.D.	0.096	0.48	1
10227	PCB-1248	12672-29-6	N.D.	0.096	0.48	1
10227	PCB-1254	11097-69-1	N.D.	0.096	0.48	1
10227	PCB-1260	11096-82-5	N.D.	0.14	0.48	1
GC Miscellaneous SW-846 8015B modified						
07105	Methane	74-82-8	4,900	250	750	50
GC Petroleum SW-846 8015B						
Hydrocarbons w/Si						
06610	TPH-DR0 CA C10-C28 w/ Si Gel	n.a.	1,600	50	110	1
The reverse surrogate, capric acid, is present at <1%.						
GC Petroleum SW-846 8015B modified						
Hydrocarbons w/Si						
10006	Motor Oil C16-C36 w/Si Gel	n.a.	440	38	110	1
10006	Total TPH w/Si Gel	n.a.	440	38	110	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.						
The reverse surrogate, capric acid, is present at <1%.						
Wet Chemistry EPA 300.0						
00368	Nitrate Nitrogen	14797-55-8	N.D.	250	500	5
00228	Sulfate	14808-79-8	26,000	1,500	5,000	5
SM20 3500 Fe B modified						
08344	Ferrous Iron	n.a.	2,600	100	1,000	10

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

Sample Description: MW-9-W-120621 NA Water
Facility# 90260 BTST
21995 Foothill-Hayward T0600100315 MW-9

LLI Sample # WW 6699070
LLI Group # 1317852
Account # 10991

Project Name: 90260

Collected: 06/21/2012 13:00 by PH

Chevron

6001 Bollinger Canyon Rd L4310

Submitted: 06/22/2012 09:25

San Ramon CA 94583

Reported: 07/11/2012 19:27

FBH09

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
10903	VOCs by 8260B - Water	SW-846 8260B	1	W121871AA	07/05/2012 08:46	Christopher G Torres	2
01163	GC/MS VOA Water Prep	SW-846 5030B	1	W121871AA	07/05/2012 08:46	Christopher G Torres	2
07805	PAHs 8270C Water	SW-846 8270C	1	12175WAI026	06/26/2012 08:58	Brian K Graham	1
07807	BNA Water Extraction	SW-846 3510C	1	12175WAI026	06/25/2012 11:15	Denise L Trimby	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	12178B07A	07/02/2012 15:52	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	12178B07A	07/02/2012 15:52	Marie D John	1
10227	PCBs in Water 8082	SW-846 8082	1	121790009A	07/01/2012 21:50	Jamie L Brillhart	1
11117	PCB Waters Extraction	SW-846 3510C	1	121790009A	06/27/2012 15:50	JoElla L Rice	1
07105	Volatile Headspace Hydrocarbon	SW-846 8015B modified	1	121840034A	07/04/2012 17:07	Elizabeth J Marin	50
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B	1	121790025A	07/02/2012 12:31	Christine E Dolman	1
10006	TPH Fuels water w/Si Gel	SW-846 8015B modified	1	121750014A	06/26/2012 01:59	Heather E Williams	1
11180	Low Vol Ext(W) w/SG	SW-846 3510C	1	121790025A	06/28/2012 09:10	Catherine R Wiker	1
11195	TPH w/ Silica Gel Waters Ext.	SW-846 3510C	1	121750014A	06/25/2012 10:00	Olivia Arosemena	1
00368	Nitrate Nitrogen	EPA 300.0	1	12175987901A	06/23/2012 13:53	Clinton M Wilson	5
00228	Sulfate	EPA 300.0	1	12175987901A	06/23/2012 13:53	Clinton M Wilson	5
08344	Ferrous Iron	SM20 3500 Fe B modified	1	12178834401A	06/26/2012 23:30	Daniel S Smith	10

Sample Description: MW-9-W-120621 Filtered NA Water
Facility# 90260 BTST
21995 Foothill-Hayward T0600100315 MW-9

LLI Sample # WW 6699071
LLI Group # 1317852
Account # 10991

Project Name: 90260

Collected: 06/21/2012 13:00 by PH

Chevron

6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

Submitted: 06/22/2012 09:25

Reported: 07/11/2012 19:27

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
Metals Dissolved		SW-846 6010B	ug/l	ug/l	ug/l	
07044	Antimony	7440-36-0	N.D.	3.5	20.0	1
07035	Arsenic	7440-38-2	54.5	6.8	20.0	1
07046	Barium	7440-39-3	98.1	0.33	5.0	1
07047	Beryllium	7440-41-7	N.D.	0.67	5.0	1
07049	Cadmium	7440-43-9	N.D.	0.36	5.0	1
07051	Chromium	7440-47-3	N.D.	1.1	15.0	1
07052	Cobalt	7440-48-4	N.D.	0.66	5.0	1
07053	Copper	7440-50-8	N.D.	2.1	10.0	1
07055	Lead	7439-92-1	N.D.	5.1	15.0	1
07060	Molybdenum	7439-98-7	N.D.	2.9	10.0	1
07061	Nickel	7440-02-0	N.D.	1.1	10.0	1
07036	Selenium	7782-49-2	N.D.	7.5	20.0	1
07066	Silver	7440-22-4	N.D.	1.2	5.0	1
07022	Thallium	7440-28-0	N.D.	5.7	30.0	1
07071	Vanadium	7440-62-2	1.8 J	1.3	5.0	1
07072	Zinc	7440-66-6	5.6 J	2.0	20.0	1
		SW-846 7470A	ug/l	ug/l	ug/l	
00259	Mercury	7439-97-6	0.018 J	0.0081	0.20	1

General Sample Comments

State of California Lab Certification No. 2501

This sample was filtered in the lab for dissolved metals.

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
07044	Antimony	SW-846 6010B	1	121781848002	06/28/2012 00:21	John W Yanzuk II	1
07035	Arsenic	SW-846 6010B	1	121781848002	06/28/2012 07:39	Tara L Snyder	1
07046	Barium	SW-846 6010B	1	121781848002	06/28/2012 00:21	John W Yanzuk II	1
07047	Beryllium	SW-846 6010B	1	121781848002	06/28/2012 00:21	John W Yanzuk II	1
07049	Cadmium	SW-846 6010B	1	121781848002	06/28/2012 00:21	John W Yanzuk II	1
07051	Chromium	SW-846 6010B	1	121781848002	06/28/2012 00:21	John W Yanzuk II	1
07052	Cobalt	SW-846 6010B	1	121781848002	06/28/2012 00:21	John W Yanzuk II	1
07053	Copper	SW-846 6010B	1	121781848002	06/28/2012 00:21	John W Yanzuk II	1
07055	Lead	SW-846 6010B	1	121781848002	06/28/2012 07:39	Tara L Snyder	1
07060	Molybdenum	SW-846 6010B	1	121781848002	06/28/2012 00:21	John W Yanzuk II	1
07061	Nickel	SW-846 6010B	1	121781848002	06/28/2012 00:21	John W Yanzuk II	1
07036	Selenium	SW-846 6010B	1	121781848002	06/28/2012 00:21	John W Yanzuk II	1
07066	Silver	SW-846 6010B	1	121781848002	06/28/2012 00:21	John W Yanzuk II	1
07022	Thallium	SW-846 6010B	1	121781848002	06/28/2012 00:21	John W Yanzuk II	1
07071	Vanadium	SW-846 6010B	1	121781848002	06/28/2012 07:39	Tara L Snyder	1
07072	Zinc	SW-846 6010B	1	121781848002	06/28/2012 00:21	John W Yanzuk II	1

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

Sample Description: MW-9-W-120621 Filtered NA Water
Facility# 90260 BTST
21995 Foothill-Hayward T0600100315 MW-9

LLI Sample # WW 6699071
LLI Group # 1317852
Account # 10991

Project Name: 90260

Collected: 06/21/2012 13:00 by PH

Chevron

6001 Bollinger Canyon Rd L4310

Submitted: 06/22/2012 09:25

San Ramon CA 94583

Reported: 07/11/2012 19:27

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
00259	Mercury	SW-846 7470A	1	121785713001	06/27/2012 09:48	Damary Valentin	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	121781848002	06/27/2012 13:30	James L Mertz	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	121785713001	06/26/2012 14:47	Nelli S Markaryan	1

Sample Description: MW-11-W-120621 NA Water
Facility# 90260 BTST
21995 Foothill-Hayward T0600100315 MW-11

LLI Sample # WW 6699072
LLI Group # 1317852
Account # 10991

Project Name: 90260

Collected: 06/21/2012 14:15 by PH

Chevron

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

Submitted: 06/22/2012 09:25

Reported: 07/11/2012 19:27

FBH11

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	
10903	Benzene	71-43-2	12	1	8	2
10903	Bromodichloromethane	75-27-4	N.D.	2	10	2
10903	Bromoform	75-25-2	N.D.	2	10	2
10903	Bromomethane	74-83-9	N.D.	2	10	2
10903	Carbon Tetrachloride	56-23-5	N.D.	2	10	2
10903	Chlorobenzene	108-90-7	N.D.	2	10	2
10903	Chloroethane	75-00-3	N.D.	2	10	2
10903	Chloroform	67-66-3	N.D.	2	10	2
10903	Chloromethane	74-87-3	N.D.	2	10	2
10903	Dibromochloromethane	124-48-1	N.D.	2	10	2
10903	1,2-Dichlorobenzene	95-50-1	N.D.	2	10	2
10903	1,3-Dichlorobenzene	541-73-1	N.D.	2	10	2
10903	1,4-Dichlorobenzene	106-46-7	N.D.	2	10	2
10903	1,1-Dichloroethane	75-34-3	N.D.	2	10	2
10903	1,2-Dichloroethane	107-06-2	N.D.	1	8	2
10903	1,1-Dichloroethene	75-35-4	N.D.	2	10	2
10903	cis-1,2-Dichloroethene	156-59-2	N.D.	2	10	2
10903	trans-1,2-Dichloroethene	156-60-5	N.D.	2	10	2
10903	1,2-Dichloropropane	78-87-5	N.D.	2	10	2
10903	cis-1,3-Dichloropropene	10061-01-5	N.D.	2	10	2
10903	trans-1,3-Dichloropropene	10061-02-6	N.D.	2	10	2
10903	Ethylbenzene	100-41-4	9	1	8	2
10903	Freon 113	76-13-1	N.D.	4	20	2
10903	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	1	8	2
10903	Methylene Chloride	75-09-2	N.D.	4	10	2
10903	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	2	10	2
10903	Tetrachloroethene	127-18-4	N.D.	2	10	2
10903	Toluene	108-88-3	6 J	1	8	2
10903	1,1,1-Trichloroethane	71-55-6	N.D.	2	10	2
10903	1,1,2-Trichloroethane	79-00-5	N.D.	2	10	2
10903	Trichloroethene	79-01-6	N.D.	2	10	2
10903	Trichlorofluoromethane	75-69-4	N.D.	4	10	2
10903	Vinyl Chloride	75-01-4	N.D.	2	10	2
10903	m+p-Xylene	179601-23-1	6 J	1	8	2
10903	o-Xylene	95-47-6	1 J	1	8	2

The LCS and/or LCSD recoveries are outside the stated QC window but within the marginal exceedance allowance of +/- 4 standard deviations as defined in the NELAC Standards. The following analytes are accepted based on this allowance: chloromethane.

GC/MS	Semivolatiles	SW-846 8270C	ug/l	ug/l	ug/l	
07805	Acenaphthene	83-32-9	N.D.	0.1	0.5	1
07805	Acenaphthylene	208-96-8	N.D.	0.1	0.5	1
07805	Anthracene	120-12-7	N.D.	0.1	0.5	1
07805	Benzo(a)anthracene	56-55-3	N.D.	0.1	0.5	1
07805	Benzo(a)pyrene	50-32-8	N.D.	0.1	0.5	1
07805	Benzo(b)fluoranthene	205-99-2	N.D.	0.1	0.5	1
07805	Benzo(g,h,i)perylene	191-24-2	N.D.	0.1	0.5	1
07805	Benzo(k)fluoranthene	207-08-9	N.D.	0.1	0.5	1
07805	Chrysene	218-01-9	N.D.	0.1	0.5	1

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

Sample Description: MW-11-W-120621 NA Water
Facility# 90260 BTST
21995 Foothill-Hayward T0600100315 MW-11

LLI Sample # WW 6699072
LLI Group # 1317852
Account # 10991

Project Name: 90260

Collected: 06/21/2012 14:15 by PH

Chevron

6001 Bollinger Canyon Rd L4310

Submitted: 06/22/2012 09:25

San Ramon CA 94583

Reported: 07/11/2012 19:27

FBH11

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Semivolatiles SW-846 8270C						
07805	Dibenz(a,h)anthracene	53-70-3	N.D.	0.1	0.5	1
07805	Fluoranthene	206-44-0	N.D.	0.1	0.5	1
07805	Fluorene	86-73-7	N.D.	0.1	0.5	1
07805	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	0.1	0.5	1
07805	Naphthalene	91-20-3	7	0.1	0.5	1
07805	Phenanthrene	85-01-8	N.D.	0.1	0.5	1
07805	Pyrene	129-00-0	N.D.	0.1	0.5	1
GC Volatiles SW-846 8015B						
01728	TPH-GRO N. CA water C6-C12	n.a.	2,400	50	100	1
Pesticides/PCBs SW-846 8082						
10227	PCB-1016	12674-11-2	N.D.	0.095	0.47	1
10227	PCB-1221	11104-28-2	N.D.	0.095	0.47	1
10227	PCB-1232	11141-16-5	N.D.	0.19	0.47	1
10227	PCB-1242	53469-21-9	N.D.	0.095	0.47	1
10227	PCB-1248	12672-29-6	N.D.	0.095	0.47	1
10227	PCB-1254	11097-69-1	N.D.	0.095	0.47	1
10227	PCB-1260	11096-82-5	N.D.	0.14	0.47	1
GC Miscellaneous SW-846 8015B modified						
07105	Methane	74-82-8	4,600	250	750	50
GC Petroleum SW-846 8015B						
Hydrocarbons w/Si						
06610	TPH-DRO CA C10-C28 w/ Si Gel	n.a.	270	50	100	1
GC Petroleum SW-846 8015B modified						
Hydrocarbons w/Si						
10006	Motor Oil C16-C36 w/Si Gel	n.a.	98 J	38	110	1
10006	Total TPH w/Si Gel	n.a.	98 J	38	110	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. The reverse surrogate, capric acid, is present at <1%.						
Wet Chemistry EPA 300.0						
00368	Nitrate Nitrogen	14797-55-8	N.D.	250	500	5
00228	Sulfate	14808-79-8	7,300	1,500	5,000	5
SM20 3500 Fe B modified						
08344	Ferrous Iron	n.a.	15,400	500	5,000	50

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

Sample Description: MW-11-W-120621 NA Water
Facility# 90260 BTST
21995 Foothill-Hayward T0600100315 MW-11

LLI Sample # WW 6699072
LLI Group # 1317852
Account # 10991

Project Name: 90260

Collected: 06/21/2012 14:15 by PH

Chevron

6001 Bollinger Canyon Rd L4310

Submitted: 06/22/2012 09:25

San Ramon CA 94583

Reported: 07/11/2012 19:27

FBH11

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
10903	VOCs by 8260B - Water	SW-846 8260B	1	W121871AA	07/05/2012 09:33	Christopher G Torres	2
01163	GC/MS VOA Water Prep	SW-846 5030B	1	W121871AA	07/05/2012 09:33	Christopher G Torres	2
07805	PAHs 8270C Water	SW-846 8270C	1	12175WAI026	06/26/2012 09:20	Brian K Graham	1
07807	BNA Water Extraction	SW-846 3510C	1	12175WAI026	06/25/2012 11:15	Denise L Trimby	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	12178B07A	07/02/2012 16:17	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	12178B07A	07/02/2012 16:17	Marie D John	1
10227	PCBs in Water 8082	SW-846 8082	1	121790009A	07/01/2012 22:05	Jamie L Brillhart	1
11117	PCB Waters Extraction	SW-846 3510C	1	121790009A	06/27/2012 15:50	JoElla L Rice	1
07105	Volatile Headspace Hydrocarbon	SW-846 8015B modified	1	121840034A	07/04/2012 17:25	Elizabeth J Marin	50
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B	1	121790025A	07/02/2012 12:53	Christine E Dolman	1
10006	TPH Fuels water w/Si Gel	SW-846 8015B modified	1	121750014A	06/26/2012 02:23	Heather E Williams	1
11180	Low Vol Ext(W) w/SG	SW-846 3510C	1	121790025A	06/28/2012 09:10	Catherine R Wiker	1
11195	TPH w/ Silica Gel Waters Ext.	SW-846 3510C	1	121750014A	06/25/2012 10:00	Olivia Arosemena	1
00368	Nitrate Nitrogen	EPA 300.0	1	12175987901A	06/23/2012 15:18	Clinton M Wilson	5
00228	Sulfate	EPA 300.0	1	12175987901A	06/23/2012 15:18	Clinton M Wilson	5
08344	Ferrous Iron	SM20 3500 Fe B modified	1	12178834401A	06/26/2012 23:30	Daniel S Smith	50

Sample Description: MW-11-W-120621 Filtered NA Water
Facility# 90260 BTST
21995 Foothill-Hayward T0600100315 MW-11

LLI Sample # WW 6699073
LLI Group # 1317852
Account # 10991

Project Name: 90260

Collected: 06/21/2012 14:15 by PH

Chevron

6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

Submitted: 06/22/2012 09:25

Reported: 07/11/2012 19:27

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
Metals Dissolved		SW-846 6010B	ug/l	ug/l	ug/l	
07044	Antimony	7440-36-0	N.D.	3.5	20.0	1
07035	Arsenic	7440-38-2	689	6.8	20.0	1
07046	Barium	7440-39-3	226	0.33	5.0	1
07047	Beryllium	7440-41-7	N.D.	0.67	5.0	1
07049	Cadmium	7440-43-9	N.D.	0.36	5.0	1
07051	Chromium	7440-47-3	N.D.	1.1	15.0	1
07052	Cobalt	7440-48-4	N.D.	0.66	5.0	1
07053	Copper	7440-50-8	N.D.	2.1	10.0	1
07055	Lead	7439-92-1	6.0 J	5.1	15.0	1
07060	Molybdenum	7439-98-7	N.D.	2.9	10.0	1
07061	Nickel	7440-02-0	2.4 J	1.1	10.0	1
07036	Selenium	7782-49-2	N.D.	7.5	20.0	1
07066	Silver	7440-22-4	N.D.	1.2	5.0	1
07022	Thallium	7440-28-0	N.D.	5.7	30.0	1
07071	Vanadium	7440-62-2	N.D.	1.3	5.0	1
07072	Zinc	7440-66-6	5.3 J	2.0	20.0	1
		SW-846 7470A	ug/l	ug/l	ug/l	
00259	Mercury	7439-97-6	0.021 J	0.0081	0.20	1

General Sample Comments

State of California Lab Certification No. 2501

This sample was filtered in the lab for dissolved metals.

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
07044	Antimony	SW-846 6010B	1	121781848002	06/28/2012 00:24	John W Yanzuk II	1
07035	Arsenic	SW-846 6010B	1	121781848002	06/28/2012 07:44	Tara L Snyder	1
07046	Barium	SW-846 6010B	1	121781848002	06/28/2012 00:24	John W Yanzuk II	1
07047	Beryllium	SW-846 6010B	1	121781848002	06/28/2012 00:24	John W Yanzuk II	1
07049	Cadmium	SW-846 6010B	1	121781848002	06/28/2012 00:24	John W Yanzuk II	1
07051	Chromium	SW-846 6010B	1	121781848002	06/28/2012 00:24	John W Yanzuk II	1
07052	Cobalt	SW-846 6010B	1	121781848002	06/28/2012 00:24	John W Yanzuk II	1
07053	Copper	SW-846 6010B	1	121781848002	06/28/2012 00:24	John W Yanzuk II	1
07055	Lead	SW-846 6010B	1	121781848002	06/28/2012 07:44	Tara L Snyder	1
07060	Molybdenum	SW-846 6010B	1	121781848002	06/28/2012 00:24	John W Yanzuk II	1
07061	Nickel	SW-846 6010B	1	121781848002	06/28/2012 07:44	Tara L Snyder	1
07036	Selenium	SW-846 6010B	1	121781848002	06/28/2012 00:24	John W Yanzuk II	1
07066	Silver	SW-846 6010B	1	121781848002	06/28/2012 00:24	John W Yanzuk II	1
07022	Thallium	SW-846 6010B	1	121781848002	06/28/2012 00:24	John W Yanzuk II	1
07071	Vanadium	SW-846 6010B	1	121781848002	06/28/2012 00:24	John W Yanzuk II	1
07072	Zinc	SW-846 6010B	1	121781848002	06/28/2012 00:24	John W Yanzuk II	1

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

Sample Description: MW-11-W-120621 Filtered NA Water
Facility# 90260 BTST
21995 Foothill-Hayward T0600100315 MW-11

LLI Sample # WW 6699073
LLI Group # 1317852
Account # 10991

Project Name: 90260

Collected: 06/21/2012 14:15 by PH

Chevron

6001 Bollinger Canyon Rd L4310

Submitted: 06/22/2012 09:25

San Ramon CA 94583

Reported: 07/11/2012 19:27

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
00259	Mercury	SW-846 7470A	1	121785713001	06/27/2012 09:50	Damary Valentin	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	121781848002	06/27/2012 13:30	James L Mertz	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	121785713001	06/26/2012 14:47	Nelli S Markaryan	1

Sample Description: MW-12-W-120621 NA Water
Facility# 90260 BTST
21995 Foothill-Hayward T0600100315 MW-12

LLI Sample # WW 6699074
LLI Group # 1317852
Account # 10991

Project Name: 90260

Collected: 06/21/2012 15:00 by PH

Chevron

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

Submitted: 06/22/2012 09:25

Reported: 07/11/2012 19:27

FBH12

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	
10903	Benzene	71-43-2	71	0.5	4	1
10903	Bromodichloromethane	75-27-4	N.D.	1	5	1
10903	Bromoform	75-25-2	N.D.	1	5	1
10903	Bromomethane	74-83-9	N.D.	1	5	1
10903	Carbon Tetrachloride	56-23-5	N.D.	1	5	1
10903	Chlorobenzene	108-90-7	N.D.	0.8	5	1
10903	Chloroethane	75-00-3	N.D.	1	5	1
10903	Chloroform	67-66-3	N.D.	0.8	5	1
10903	Chloromethane	74-87-3	N.D.	1	5	1
10903	Dibromochloromethane	124-48-1	N.D.	1	5	1
10903	1,2-Dichlorobenzene	95-50-1	N.D.	1	5	1
10903	1,3-Dichlorobenzene	541-73-1	N.D.	1	5	1
10903	1,4-Dichlorobenzene	106-46-7	N.D.	1	5	1
10903	1,1-Dichloroethane	75-34-3	N.D.	1	5	1
10903	1,2-Dichloroethane	107-06-2	N.D.	0.5	4	1
10903	1,1-Dichloroethene	75-35-4	N.D.	0.8	5	1
10903	cis-1,2-Dichloroethene	156-59-2	N.D.	0.8	5	1
10903	trans-1,2-Dichloroethene	156-60-5	N.D.	0.8	5	1
10903	1,2-Dichloropropane	78-87-5	N.D.	1	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	N.D.	1	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	N.D.	1	5	1
10903	Ethylbenzene	100-41-4	72	0.5	4	1
10903	Freon 113	76-13-1	N.D.	2	10	1
10903	Methyl Tertiary Butyl Ether	1634-04-4	34	0.5	4	1
10903	Methylene Chloride	75-09-2	N.D.	2	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1	5	1
10903	Tetrachloroethene	127-18-4	N.D.	0.8	5	1
10903	Toluene	108-88-3	2 J	0.5	4	1
10903	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	5	1
10903	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	5	1
10903	Trichloroethene	79-01-6	N.D.	1	5	1
10903	Trichlorofluoromethane	75-69-4	N.D.	2	5	1
10903	Vinyl Chloride	75-01-4	N.D.	1	5	1
10903	m+p-Xylene	179601-23-1	61	0.5	4	1
10903	o-Xylene	95-47-6	N.D.	0.5	4	1

The LCS and/or LCSD recoveries are outside the stated QC window but within the marginal exceedance allowance of +/- 4 standard deviations as defined in the NELAC Standards. The following analytes are accepted based on this allowance: chloromethane.

GC/MS	Semivolatiles	SW-846 8270C	ug/l	ug/l	ug/l	
07805	Acenaphthene	83-32-9	0.2 J	0.1	0.5	1
07805	Acenaphthylene	208-96-8	0.1 J	0.1	0.5	1
07805	Anthracene	120-12-7	N.D.	0.1	0.5	1
07805	Benzo(a)anthracene	56-55-3	N.D.	0.1	0.5	1
07805	Benzo(a)pyrene	50-32-8	N.D.	0.1	0.5	1
07805	Benzo(b)fluoranthene	205-99-2	N.D.	0.1	0.5	1
07805	Benzo(g,h,i)perylene	191-24-2	N.D.	0.1	0.5	1
07805	Benzo(k)fluoranthene	207-08-9	N.D.	0.1	0.5	1
07805	Chrysene	218-01-9	N.D.	0.1	0.5	1

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

Sample Description: MW-12-W-120621 NA Water
Facility# 90260 BTST
21995 Foothill-Hayward T0600100315 MW-12

LLI Sample # WW 6699074
LLI Group # 1317852
Account # 10991

Project Name: 90260

Collected: 06/21/2012 15:00 by PH

Chevron

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

Submitted: 06/22/2012 09:25

Reported: 07/11/2012 19:27

FBH12

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Semivolatiles SW-846 8270C						
07805	Dibenz(a,h)anthracene	53-70-3	N.D.	0.1	0.5	1
07805	Fluoranthene	206-44-0	N.D.	0.1	0.5	1
07805	Fluorene	86-73-7	0.1 J	0.1	0.5	1
07805	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	0.1	0.5	1
07805	Naphthalene	91-20-3	7	0.1	0.5	1
07805	Phenanthrene	85-01-8	N.D.	0.1	0.5	1
07805	Pyrene	129-00-0	N.D.	0.1	0.5	1
GC Volatiles SW-846 8015B						
01728	TPH-GRO N. CA water C6-C12	n.a.	2,500	50	100	1
Pesticides/PCBs SW-846 8082						
10227	PCB-1016	12674-11-2	N.D.	0.096	0.48	1
10227	PCB-1221	11104-28-2	N.D.	0.096	0.48	1
10227	PCB-1232	11141-16-5	N.D.	0.19	0.48	1
10227	PCB-1242	53469-21-9	N.D.	0.096	0.48	1
10227	PCB-1248	12672-29-6	N.D.	0.096	0.48	1
10227	PCB-1254	11097-69-1	N.D.	0.096	0.48	1
10227	PCB-1260	11096-82-5	N.D.	0.14	0.48	1
GC Miscellaneous SW-846 8015B modified						
07105	Methane	74-82-8	3,600	250	750	50
GC Petroleum SW-846 8015B						
Hydrocarbons w/Si						
06610	TPH-DR0 CA C10-C28 w/ Si Gel	n.a.	870	50	100	1
The reverse surrogate, capric acid, is present at <1%.						
GC Petroleum SW-846 8015B modified						
Hydrocarbons w/Si						
10006	Motor Oil C16-C36 w/Si Gel	n.a.	130	38	110	1
10006	Total TPH w/Si Gel	n.a.	130	38	110	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.						
The reverse surrogate, capric acid, is present at <1%.						
Wet Chemistry EPA 300.0						
00368	Nitrate Nitrogen	14797-55-8	N.D.	250	500	5
00228	Sulfate	14808-79-8	56,200	1,500	5,000	5
SM20 3500 Fe B modified						
08344	Ferrous Iron	n.a.	7,200	250	2,500	25

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

Sample Description: MW-12-W-120621 NA Water
Facility# 90260 BTST
21995 Foothill-Hayward T0600100315 MW-12

LLI Sample # WW 6699074
LLI Group # 1317852
Account # 10991

Project Name: 90260

Collected: 06/21/2012 15:00 by PH

Chevron

6001 Bollinger Canyon Rd L4310

Submitted: 06/22/2012 09:25

San Ramon CA 94583

Reported: 07/11/2012 19:27

FBH12

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
10903	VOCs by 8260B - Water	SW-846 8260B	1	W121871AA	07/05/2012 06:24	Christopher G Torres	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	W121871AA	07/05/2012 06:24	Christopher G Torres	1
07805	PAHs 8270C Water	SW-846 8270C	1	12175WAI026	06/26/2012 09:43	Brian K Graham	1
07807	BNA Water Extraction	SW-846 3510C	1	12175WAI026	06/25/2012 11:15	Denise L Trimby	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	12178B07A	07/02/2012 16:43	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	12178B07A	07/02/2012 16:43	Marie D John	1
10227	PCBs in Water 8082	SW-846 8082	1	121790009A	07/01/2012 22:19	Jamie L Brillhart	1
11117	PCB Waters Extraction	SW-846 3510C	1	121790009A	06/27/2012 15:50	JoElla L Rice	1
07105	Volatile Headspace Hydrocarbon	SW-846 8015B modified	1	121840034A	07/04/2012 17:44	Elizabeth J Marin	50
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B	1	121790025A	07/02/2012 13:15	Christine E Dolman	1
10006	TPH Fuels water w/Si Gel	SW-846 8015B modified	1	121750014A	06/26/2012 02:47	Heather E Williams	1
11180	Low Vol Ext(W) w/SG	SW-846 3510C	1	121790025A	06/28/2012 09:10	Catherine R Wiker	1
11195	TPH w/ Silica Gel Waters Ext.	SW-846 3510C	1	121750014A	06/25/2012 10:00	Olivia Arosemena	1
00368	Nitrate Nitrogen	EPA 300.0	1	12175987901A	06/23/2012 16:29	Clinton M Wilson	5
00228	Sulfate	EPA 300.0	1	12175987901A	06/23/2012 16:29	Clinton M Wilson	5
08344	Ferrous Iron	SM20 3500 Fe B modified	1	12178834401A	06/26/2012 23:30	Daniel S Smith	25

Sample Description: MW-12-W-120621 Filtered NA Water
Facility# 90260 BTST
21995 Foothill-Hayward T0600100315 MW-12

LLI Sample # WW 6699075
LLI Group # 1317852
Account # 10991

Project Name: 90260

Collected: 06/21/2012 15:00 by PH

Chevron

6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

Submitted: 06/22/2012 09:25

Reported: 07/11/2012 19:27

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
Metals Dissolved		SW-846 6010B	ug/l	ug/l	ug/l	
07044	Antimony	7440-36-0	N.D.	3.5	20.0	1
07035	Arsenic	7440-38-2	275	6.8	20.0	1
07046	Barium	7440-39-3	45.1	0.33	5.0	1
07047	Beryllium	7440-41-7	N.D.	0.67	5.0	1
07049	Cadmium	7440-43-9	N.D.	0.36	5.0	1
07051	Chromium	7440-47-3	N.D.	1.1	15.0	1
07052	Cobalt	7440-48-4	N.D.	0.66	5.0	1
07053	Copper	7440-50-8	N.D.	2.1	10.0	1
07055	Lead	7439-92-1	N.D.	5.1	15.0	1
07060	Molybdenum	7439-98-7	N.D.	2.9	10.0	1
07061	Nickel	7440-02-0	N.D.	1.1	10.0	1
07036	Selenium	7782-49-2	N.D.	7.5	20.0	1
07066	Silver	7440-22-4	N.D.	1.2	5.0	1
07022	Thallium	7440-28-0	N.D.	5.7	30.0	1
07071	Vanadium	7440-62-2	N.D.	1.3	5.0	1
07072	Zinc	7440-66-6	45.3	2.0	20.0	1
		SW-846 7470A	ug/l	ug/l	ug/l	
00259	Mercury	7439-97-6	0.020 J	0.0081	0.20	1

General Sample Comments

State of California Lab Certification No. 2501

This sample was filtered in the lab for dissolved metals.

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
07044	Antimony	SW-846 6010B	1	121781848002	06/28/2012 00:29	John W Yanzuk II	1
07035	Arsenic	SW-846 6010B	1	121781848002	06/28/2012 07:48	Tara L Snyder	1
07046	Barium	SW-846 6010B	1	121781848002	06/28/2012 00:29	John W Yanzuk II	1
07047	Beryllium	SW-846 6010B	1	121781848002	06/28/2012 00:29	John W Yanzuk II	1
07049	Cadmium	SW-846 6010B	1	121781848002	06/28/2012 00:29	John W Yanzuk II	1
07051	Chromium	SW-846 6010B	1	121781848002	06/28/2012 00:29	John W Yanzuk II	1
07052	Cobalt	SW-846 6010B	1	121781848002	06/28/2012 00:29	John W Yanzuk II	1
07053	Copper	SW-846 6010B	1	121781848002	06/28/2012 00:29	John W Yanzuk II	1
07055	Lead	SW-846 6010B	1	121781848002	06/28/2012 07:48	Tara L Snyder	1
07060	Molybdenum	SW-846 6010B	1	121781848002	06/28/2012 00:29	John W Yanzuk II	1
07061	Nickel	SW-846 6010B	1	121781848002	06/28/2012 00:29	John W Yanzuk II	1
07036	Selenium	SW-846 6010B	1	121781848002	06/28/2012 00:29	John W Yanzuk II	1
07066	Silver	SW-846 6010B	1	121781848002	06/28/2012 00:29	John W Yanzuk II	1
07022	Thallium	SW-846 6010B	1	121781848002	06/28/2012 00:29	John W Yanzuk II	1
07071	Vanadium	SW-846 6010B	1	121781848002	06/28/2012 00:29	John W Yanzuk II	1
07072	Zinc	SW-846 6010B	1	121781848002	06/28/2012 00:29	John W Yanzuk II	1

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

Sample Description: MW-12-W-120621 Filtered NA Water
Facility# 90260 BTST
21995 Foothill-Hayward T0600100315 MW-12

LLI Sample # WW 6699075
LLI Group # 1317852
Account # 10991

Project Name: 90260

Collected: 06/21/2012 15:00 by PH

Chevron

6001 Bollinger Canyon Rd L4310

Submitted: 06/22/2012 09:25

San Ramon CA 94583

Reported: 07/11/2012 19:27

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
00259	Mercury	SW-846 7470A	1	121785713001	06/27/2012 09:52	Damary Valentin	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	121781848002	06/27/2012 13:30	James L Mertz	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	121785713001	06/26/2012 14:47	Nelli S Markaryan	1

Sample Description: MW-13-W-120621 NA Water
Facility# 90260 BTST
21995 Foothill-Hayward T0600100315 MW-13

LLI Sample # WW 6699076
LLI Group # 1317852
Account # 10991

Project Name: 90260

Collected: 06/21/2012 13:40 by PH

Chevron

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

Submitted: 06/22/2012 09:25

Reported: 07/11/2012 19:27

FBH13

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	
10903	Benzene	71-43-2	12	1	8	2
10903	Bromodichloromethane	75-27-4	N.D.	2	10	2
10903	Bromoform	75-25-2	N.D.	2	10	2
10903	Bromomethane	74-83-9	N.D.	2	10	2
10903	Carbon Tetrachloride	56-23-5	N.D.	2	10	2
10903	Chlorobenzene	108-90-7	N.D.	2	10	2
10903	Chloroethane	75-00-3	N.D.	2	10	2
10903	Chloroform	67-66-3	N.D.	2	10	2
10903	Chloromethane	74-87-3	N.D.	2	10	2
10903	Dibromochloromethane	124-48-1	N.D.	2	10	2
10903	1,2-Dichlorobenzene	95-50-1	N.D.	2	10	2
10903	1,3-Dichlorobenzene	541-73-1	N.D.	2	10	2
10903	1,4-Dichlorobenzene	106-46-7	N.D.	2	10	2
10903	1,1-Dichloroethane	75-34-3	N.D.	2	10	2
10903	1,2-Dichloroethane	107-06-2	N.D.	1	8	2
10903	1,1-Dichloroethene	75-35-4	N.D.	2	10	2
10903	cis-1,2-Dichloroethene	156-59-2	N.D.	2	10	2
10903	trans-1,2-Dichloroethene	156-60-5	N.D.	2	10	2
10903	1,2-Dichloropropane	78-87-5	N.D.	2	10	2
10903	cis-1,3-Dichloropropene	10061-01-5	N.D.	2	10	2
10903	trans-1,3-Dichloropropene	10061-02-6	N.D.	2	10	2
10903	Ethylbenzene	100-41-4	470	1	8	2
10903	Freon 113	76-13-1	N.D.	4	20	2
10903	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	1	8	2
10903	Methylene Chloride	75-09-2	N.D.	4	10	2
10903	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	2	10	2
10903	Tetrachloroethene	127-18-4	N.D.	2	10	2
10903	Toluene	108-88-3	160	1	8	2
10903	1,1,1-Trichloroethane	71-55-6	N.D.	2	10	2
10903	1,1,2-Trichloroethane	79-00-5	N.D.	2	10	2
10903	Trichloroethene	79-01-6	N.D.	2	10	2
10903	Trichlorofluoromethane	75-69-4	N.D.	4	10	2
10903	Vinyl Chloride	75-01-4	N.D.	2	10	2
10903	m+p-Xylene	179601-23-1	310	1	8	2
10903	o-Xylene	95-47-6	15	1	8	2
The LCS and/or LCSD recoveries are outside the stated QC window but within the marginal exceedance allowance of +/- 4 standard deviations as defined in the NELAC Standards. The following analytes are accepted based on this allowance: chloromethane.						
GC/MS	Semivolatiles	SW-846 8270C	ug/l	ug/l	ug/l	
07805	Acenaphthene	83-32-9	N.D.	0.1	0.5	1
07805	Acenaphthylene	208-96-8	N.D.	0.1	0.5	1
07805	Anthracene	120-12-7	N.D.	0.1	0.5	1
07805	Benzo(a)anthracene	56-55-3	0.2 J	0.1	0.5	1
07805	Benzo(a)pyrene	50-32-8	0.4 J	0.1	0.5	1
07805	Benzo(b)fluoranthene	205-99-2	0.7	0.1	0.5	1
07805	Benzo(g,h,i)perylene	191-24-2	0.7	0.1	0.5	1
07805	Benzo(k)fluoranthene	207-08-9	0.3 J	0.1	0.5	1
07805	Chrysene	218-01-9	0.4 J	0.1	0.5	1

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

Sample Description: MW-13-W-120621 NA Water
Facility# 90260 BTST
21995 Foothill-Hayward T0600100315 MW-13

LLI Sample # WW 6699076
LLI Group # 1317852
Account # 10991

Project Name: 90260

Collected: 06/21/2012 13:40 by PH

Chevron

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

Submitted: 06/22/2012 09:25

Reported: 07/11/2012 19:27

FBH13

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Semivolatiles SW-846 8270C						
07805	Dibenz(a,h)anthracene	53-70-3	N.D.	0.1	0.5	1
07805	Fluoranthene	206-44-0	0.3 J	0.1	0.5	1
07805	Fluorene	86-73-7	0.1 J	0.1	0.5	1
07805	Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.1	0.5	1
07805	Naphthalene	91-20-3	73	0.1	0.5	1
07805	Phenanthrene	85-01-8	0.1 J	0.1	0.5	1
07805	Pyrene	129-00-0	0.4 J	0.1	0.5	1
GC Volatiles SW-846 8015B						
01728	TPH-GRO N. CA water C6-C12	n.a.	5,600	250	500	5
Pesticides/PCBs SW-846 8082						
10227	PCB-1016	12674-11-2	N.D.	0.095	0.47	1
10227	PCB-1221	11104-28-2	N.D.	0.095	0.47	1
10227	PCB-1232	11141-16-5	N.D.	0.19	0.47	1
10227	PCB-1242	53469-21-9	N.D.	0.095	0.47	1
10227	PCB-1248	12672-29-6	N.D.	0.095	0.47	1
10227	PCB-1254	11097-69-1	N.D.	0.095	0.47	1
10227	PCB-1260	11096-82-5	N.D.	0.14	0.47	1
GC Miscellaneous SW-846 8015B modified						
07105	Methane	74-82-8	5,900	250	750	50
GC Petroleum SW-846 8015B						
Hydrocarbons w/Si						
06610	TPH-DR0 CA C10-C28 w/ Si Gel	n.a.	1,200	50	100	1
The reverse surrogate, capric acid, is present at <1%.						
GC Petroleum SW-846 8015B modified						
Hydrocarbons w/Si						
10006	Motor Oil C16-C36 w/Si Gel	n.a.	210	38	110	1
10006	Total TPH w/Si Gel	n.a.	210	38	110	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.						
The reverse surrogate, capric acid, is present at <1%.						
Wet Chemistry EPA 300.0						
00368	Nitrate Nitrogen	14797-55-8	N.D.	250	500	5
00228	Sulfate	14808-79-8	5,100	1,500	5,000	5
SM20 3500 Fe B modified						
08344	Ferrous Iron	n.a.	4,500	250	2,500	25

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

Sample Description: MW-13-W-120621 NA Water
Facility# 90260 BTST
21995 Foothill-Hayward T0600100315 MW-13

LLI Sample # WW 6699076
LLI Group # 1317852
Account # 10991

Project Name: 90260

Collected: 06/21/2012 13:40 by PH

Chevron

6001 Bollinger Canyon Rd L4310

Submitted: 06/22/2012 09:25

San Ramon CA 94583

Reported: 07/11/2012 19:27

FBH13

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
10903	VOCs by 8260B - Water	SW-846 8260B	1	W121871AA	07/05/2012 10:20	Christopher G Torres	2
01163	GC/MS VOA Water Prep	SW-846 5030B	1	W121871AA	07/05/2012 10:20	Christopher G Torres	2
07805	PAHs 8270C Water	SW-846 8270C	1	12175WAI026	06/26/2012 10:05	Brian K Graham	1
07807	BNA Water Extraction	SW-846 3510C	1	12175WAI026	06/25/2012 11:15	Denise L Trimby	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	12178B07A	07/02/2012 19:15	Marie D John	5
01146	GC VOA Water Prep	SW-846 5030B	1	12178B07A	07/02/2012 19:15	Marie D John	5
10227	PCBs in Water 8082	SW-846 8082	1	121790009A	07/01/2012 22:34	Jamie L Brillhart	1
11117	PCB Waters Extraction	SW-846 3510C	1	121790009A	06/27/2012 15:50	JoElla L Rice	1
07105	Volatile Headspace Hydrocarbon	SW-846 8015B modified	1	121840034A	07/04/2012 18:02	Elizabeth J Marin	50
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B	1	121790025A	07/02/2012 13:54	Christine E Dolman	1
10006	TPH Fuels water w/Si Gel	SW-846 8015B modified	1	121750014A	06/26/2012 05:58	Heather E Williams	1
11180	Low Vol Ext(W) w/SG	SW-846 3510C	1	121790025A	06/28/2012 09:10	Catherine R Wiker	1
11195	TPH w/ Silica Gel Waters Ext.	SW-846 3510C	1	121750014A	06/25/2012 10:00	Olivia Arosemena	1
00368	Nitrate Nitrogen	EPA 300.0	1	12175987901A	06/23/2012 14:21	Clinton M Wilson	5
00228	Sulfate	EPA 300.0	1	12175987901A	06/23/2012 14:21	Clinton M Wilson	5
08344	Ferrous Iron	SM20 3500 Fe B modified	1	12178834401A	06/26/2012 23:30	Daniel S Smith	25

Sample Description: MW-13-W-120621 Filtered NA Water
Facility# 90260 BTST
21995 Foothill-Hayward T0600100315 MW-13

LLI Sample # WW 6699077
LLI Group # 1317852
Account # 10991

Project Name: 90260

Collected: 06/21/2012 13:40 by PH

Chevron

6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

Submitted: 06/22/2012 09:25

Reported: 07/11/2012 19:27

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
Metals Dissolved		SW-846 6010B	ug/l	ug/l	ug/l	
07044	Antimony	7440-36-0	N.D.	3.5	20.0	1
07035	Arsenic	7440-38-2	108	6.8	20.0	1
07046	Barium	7440-39-3	173	0.33	5.0	1
07047	Beryllium	7440-41-7	N.D.	0.67	5.0	1
07049	Cadmium	7440-43-9	N.D.	0.36	5.0	1
07051	Chromium	7440-47-3	1.3 J	1.1	15.0	1
07052	Cobalt	7440-48-4	N.D.	0.66	5.0	1
07053	Copper	7440-50-8	N.D.	2.1	10.0	1
07055	Lead	7439-92-1	N.D.	5.1	15.0	1
07060	Molybdenum	7439-98-7	N.D.	2.9	10.0	1
07061	Nickel	7440-02-0	N.D.	1.1	10.0	1
07036	Selenium	7782-49-2	N.D.	7.5	20.0	1
07066	Silver	7440-22-4	N.D.	1.2	5.0	1
07022	Thallium	7440-28-0	N.D.	5.7	30.0	1
07071	Vanadium	7440-62-2	N.D.	1.3	5.0	1
07072	Zinc	7440-66-6	3.1 J	2.0	20.0	1
		SW-846 7470A	ug/l	ug/l	ug/l	
00259	Mercury	7439-97-6	N.D.	0.0081	0.20	1

General Sample Comments

State of California Lab Certification No. 2501

This sample was filtered in the lab for dissolved metals.

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
07044	Antimony	SW-846 6010B	1	121781848002	06/28/2012 00:32	John W Yanzuk II	1
07035	Arsenic	SW-846 6010B	1	121781848002	06/28/2012 07:53	Tara L Snyder	1
07046	Barium	SW-846 6010B	1	121781848002	06/28/2012 00:32	John W Yanzuk II	1
07047	Beryllium	SW-846 6010B	1	121781848002	06/28/2012 00:32	John W Yanzuk II	1
07049	Cadmium	SW-846 6010B	1	121781848002	06/28/2012 00:32	John W Yanzuk II	1
07051	Chromium	SW-846 6010B	1	121781848002	06/28/2012 00:32	John W Yanzuk II	1
07052	Cobalt	SW-846 6010B	1	121781848002	06/28/2012 00:32	John W Yanzuk II	1
07053	Copper	SW-846 6010B	1	121781848002	06/28/2012 00:32	John W Yanzuk II	1
07055	Lead	SW-846 6010B	1	121781848002	06/28/2012 07:53	Tara L Snyder	1
07060	Molybdenum	SW-846 6010B	1	121781848002	06/28/2012 00:32	John W Yanzuk II	1
07061	Nickel	SW-846 6010B	1	121781848002	06/28/2012 00:32	John W Yanzuk II	1
07036	Selenium	SW-846 6010B	1	121781848002	06/28/2012 00:32	John W Yanzuk II	1
07066	Silver	SW-846 6010B	1	121781848002	06/28/2012 00:32	John W Yanzuk II	1
07022	Thallium	SW-846 6010B	1	121781848002	06/28/2012 00:32	John W Yanzuk II	1
07071	Vanadium	SW-846 6010B	1	121781848002	06/28/2012 00:32	John W Yanzuk II	1
07072	Zinc	SW-846 6010B	1	121781848002	06/28/2012 00:32	John W Yanzuk II	1

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

Sample Description: MW-13-W-120621 Filtered NA Water
Facility# 90260 BTST
21995 Foothill-Hayward T0600100315 MW-13

LLI Sample # WW 6699077
LLI Group # 1317852
Account # 10991

Project Name: 90260

Collected: 06/21/2012 13:40 by PH

Chevron

6001 Bollinger Canyon Rd L4310

Submitted: 06/22/2012 09:25

San Ramon CA 94583

Reported: 07/11/2012 19:27

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
00259	Mercury	SW-846 7470A	1	121785713001	06/27/2012 09:59	Damary Valentin	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	121781848002	06/27/2012 13:30	James L Mertz	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	121785713001	06/26/2012 14:47	Nelli S Markaryan	1

Sample Description: MW-16-W-120621 NA Water
Facility# 90260 BTST
21995 Foothill-Hayward T0600100315 MW-16

LLI Sample # WW 6699078
LLI Group # 1317852
Account # 10991

Project Name: 90260

Collected: 06/21/2012 11:15 by PH

Chevron

6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

Submitted: 06/22/2012 09:25

Reported: 07/11/2012 19:27

FBH16

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	
10903	Benzene	71-43-2	130	5	40	10
10903	Bromodichloromethane	75-27-4	N.D.	10	50	10
10903	Bromoform	75-25-2	N.D.	10	50	10
10903	Bromomethane	74-83-9	N.D.	10	50	10
10903	Carbon Tetrachloride	56-23-5	N.D.	10	50	10
10903	Chlorobenzene	108-90-7	N.D.	8	50	10
10903	Chloroethane	75-00-3	N.D.	10	50	10
10903	Chloroform	67-66-3	N.D.	8	50	10
10903	Chloromethane	74-87-3	N.D.	10	50	10
10903	Dibromochloromethane	124-48-1	N.D.	10	50	10
10903	1,2-Dichlorobenzene	95-50-1	N.D.	10	50	10
10903	1,3-Dichlorobenzene	541-73-1	N.D.	10	50	10
10903	1,4-Dichlorobenzene	106-46-7	N.D.	10	50	10
10903	1,1-Dichloroethane	75-34-3	N.D.	10	50	10
10903	1,2-Dichloroethane	107-06-2	N.D.	5	40	10
10903	1,1-Dichloroethene	75-35-4	N.D.	8	50	10
10903	cis-1,2-Dichloroethene	156-59-2	N.D.	8	50	10
10903	trans-1,2-Dichloroethene	156-60-5	N.D.	8	50	10
10903	1,2-Dichloropropane	78-87-5	N.D.	10	50	10
10903	cis-1,3-Dichloropropene	10061-01-5	N.D.	10	50	10
10903	trans-1,3-Dichloropropene	10061-02-6	N.D.	10	50	10
10903	Ethylbenzene	100-41-4	180	5	40	10
10903	Freon 113	76-13-1	N.D.	20	100	10
10903	Methyl Tertiary Butyl Ether	1634-04-4	5 J	5	40	10
10903	Methylene Chloride	75-09-2	N.D.	20	50	10
10903	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	10	50	10
10903	Tetrachloroethene	127-18-4	N.D.	8	50	10
10903	Toluene	108-88-3	13 J	5	40	10
10903	1,1,1-Trichloroethane	71-55-6	N.D.	8	50	10
10903	1,1,2-Trichloroethane	79-00-5	N.D.	8	50	10
10903	Trichloroethene	79-01-6	N.D.	10	50	10
10903	Trichlorofluoromethane	75-69-4	N.D.	20	50	10
10903	Vinyl Chloride	75-01-4	N.D.	10	50	10
10903	m+p-Xylene	179601-23-1	56	5	40	10
10903	o-Xylene	95-47-6	N.D.	5	40	10

The LCS and/or LCSD recoveries are outside the stated QC window but within the marginal exceedance allowance of +/- 4 standard deviations as defined in the NELAC Standards. The following analytes are accepted based on this allowance: chloromethane.

GC/MS	Semivolatiles	SW-846 8270C	ug/l	ug/l	ug/l	
07805	Acenaphthene	83-32-9	0.2 J	0.1	0.5	1
07805	Acenaphthylene	208-96-8	N.D.	0.1	0.5	1
07805	Anthracene	120-12-7	N.D.	0.1	0.5	1
07805	Benzo(a)anthracene	56-55-3	N.D.	0.1	0.5	1
07805	Benzo(a)pyrene	50-32-8	N.D.	0.1	0.5	1
07805	Benzo(b)fluoranthene	205-99-2	N.D.	0.1	0.5	1
07805	Benzo(g,h,i)perylene	191-24-2	N.D.	0.1	0.5	1
07805	Benzo(k)fluoranthene	207-08-9	N.D.	0.1	0.5	1
07805	Chrysene	218-01-9	N.D.	0.1	0.5	1

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

Sample Description: MW-16-W-120621 NA Water
Facility# 90260 BTST
21995 Foothill-Hayward T0600100315 MW-16

LLI Sample # WW 6699078
LLI Group # 1317852
Account # 10991

Project Name: 90260

Collected: 06/21/2012 11:15 by PH

Chevron

6001 Bollinger Canyon Rd L4310

Submitted: 06/22/2012 09:25

San Ramon CA 94583

Reported: 07/11/2012 19:27

FBH16

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Semivolatiles SW-846 8270C						
07805	Dibenz(a,h)anthracene	53-70-3	N.D.	0.1	0.5	1
07805	Fluoranthene	206-44-0	N.D.	0.1	0.5	1
07805	Fluorene	86-73-7	N.D.	0.1	0.5	1
07805	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	0.1	0.5	1
07805	Naphthalene	91-20-3	40	0.1	0.5	1
07805	Phenanthrene	85-01-8	N.D.	0.1	0.5	1
07805	Pyrene	129-00-0	N.D.	0.1	0.5	1
GC Volatiles SW-846 8015B						
01728	TPH-GRO N. CA water C6-C12	n.a.	6,800	250	500	5
Pesticides/PCBs SW-846 8082						
10227	PCB-1016	12674-11-2	N.D.	0.095	0.48	1
10227	PCB-1221	11104-28-2	N.D.	0.095	0.48	1
10227	PCB-1232	11141-16-5	N.D.	0.19	0.48	1
10227	PCB-1242	53469-21-9	N.D.	0.095	0.48	1
10227	PCB-1248	12672-29-6	N.D.	0.095	0.48	1
10227	PCB-1254	11097-69-1	N.D.	0.095	0.48	1
10227	PCB-1260	11096-82-5	N.D.	0.14	0.48	1
GC Miscellaneous SW-846 8015B modified						
07105	Methane	74-82-8	180	5.0	15	1
GC Petroleum SW-846 8015B						
Hydrocarbons w/Si						
06610	TPH-DR0 CA C10-C28 w/ Si Gel	n.a.	1,200	50	100	1
The reverse surrogate, capric acid, is present at <1%.						
GC Petroleum SW-846 8015B modified						
Hydrocarbons w/Si						
10006	Motor Oil C16-C36 w/Si Gel	n.a.	50 J	39	120	1
10006	Total TPH w/Si Gel	n.a.	50 J	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.						
The reverse surrogate, capric acid, is present at <1%.						
Wet Chemistry EPA 300.0						
00368	Nitrate Nitrogen	14797-55-8	N.D.	250	500	5
00228	Sulfate	14808-79-8	N.D.	1,500	5,000	5
SM20 3500 Fe B modified						
08344	Ferrous Iron	n.a.	11,700	500	5,000	50

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

Sample Description: MW-16-W-120621 NA Water
Facility# 90260 BTST
21995 Foothill-Hayward T0600100315 MW-16

LLI Sample # WW 6699078
LLI Group # 1317852
Account # 10991

Project Name: 90260

Collected: 06/21/2012 11:15 by PH

Chevron

6001 Bollinger Canyon Rd L4310

Submitted: 06/22/2012 09:25

San Ramon CA 94583

Reported: 07/11/2012 19:27

FBH16

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
10903	VOCs by 8260B - Water	SW-846 8260B	1	W121871AA	07/05/2012 11:54	Christopher G Torres	10
01163	GC/MS VOA Water Prep	SW-846 5030B	1	W121871AA	07/05/2012 11:54	Christopher G Torres	10
07805	PAHs 8270C Water	SW-846 8270C	1	12175WAI026	06/26/2012 10:28	Brian K Graham	1
07807	BNA Water Extraction	SW-846 3510C	1	12175WAI026	06/25/2012 11:15	Denise L Trimby	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	12178B07A	07/02/2012 19:41	Marie D John	5
01146	GC VOA Water Prep	SW-846 5030B	1	12178B07A	07/02/2012 19:41	Marie D John	5
10227	PCBs in Water 8082	SW-846 8082	1	121790009A	06/29/2012 20:08	Jessica L Miller	1
11117	PCB Waters Extraction	SW-846 3510C	1	121790009A	06/27/2012 15:50	JoElla L Rice	1
07105	Volatile Headspace Hydrocarbon	SW-846 8015B modified	1	121840034A	07/03/2012 20:45	Elizabeth J Marin	1
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B	1	121790025A	07/02/2012 14:17	Christine E Dolman	1
10006	TPH Fuels water w/Si Gel	SW-846 8015B modified	1	121750014A	06/26/2012 03:11	Heather E Williams	1
11180	Low Vol Ext(W) w/SG	SW-846 3510C	1	121790025A	06/28/2012 09:10	Catherine R Wiker	1
11195	TPH w/ Silica Gel Waters Ext.	SW-846 3510C	1	121750014A	06/25/2012 10:00	Olivia Arosemena	1
00368	Nitrate Nitrogen	EPA 300.0	1	12175987901A	06/23/2012 13:25	Clinton M Wilson	5
00228	Sulfate	EPA 300.0	1	12175987901A	06/23/2012 13:25	Clinton M Wilson	5
08344	Ferrous Iron	SM20 3500 Fe B modified	1	12178834401A	06/26/2012 23:30	Daniel S Smith	50

Sample Description: MW-16-W-120621 Filtered NA Water
Facility# 90260 BTST
21995 Foothill-Hayward T0600100315 MW-16

LLI Sample # WW 6699079
LLI Group # 1317852
Account # 10991

Project Name: 90260

Collected: 06/21/2012 11:15 by PH

Chevron

6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

Submitted: 06/22/2012 09:25

Reported: 07/11/2012 19:27

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
Metals Dissolved		SW-846 6010B	ug/l	ug/l	ug/l	
07044	Antimony	7440-36-0	N.D.	3.5	20.0	1
07035	Arsenic	7440-38-2	13.1 J	6.8	20.0	1
07046	Barium	7440-39-3	144	0.33	5.0	1
07047	Beryllium	7440-41-7	N.D.	0.67	5.0	1
07049	Cadmium	7440-43-9	N.D.	0.36	5.0	1
07051	Chromium	7440-47-3	N.D.	1.1	15.0	1
07052	Cobalt	7440-48-4	N.D.	0.66	5.0	1
07053	Copper	7440-50-8	N.D.	2.1	10.0	1
07055	Lead	7439-92-1	N.D.	5.1	15.0	1
07060	Molybdenum	7439-98-7	N.D.	2.9	10.0	1
07061	Nickel	7440-02-0	2.4 J	1.1	10.0	1
07036	Selenium	7782-49-2	N.D.	7.5	20.0	1
07066	Silver	7440-22-4	N.D.	1.2	5.0	1
07022	Thallium	7440-28-0	N.D.	5.7	30.0	1
07071	Vanadium	7440-62-2	N.D.	1.3	5.0	1
07072	Zinc	7440-66-6	4.1 J	2.0	20.0	1
		SW-846 7470A	ug/l	ug/l	ug/l	
00259	Mercury	7439-97-6	0.021 J	0.0081	0.20	1

General Sample Comments

State of California Lab Certification No. 2501

This sample was filtered in the lab for dissolved metals.

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
07044	Antimony	SW-846 6010B	1	121781848002	06/28/2012 00:36	John W Yanzuk II	1
07035	Arsenic	SW-846 6010B	1	121781848002	06/28/2012 07:57	Tara L Snyder	1
07046	Barium	SW-846 6010B	1	121781848002	06/28/2012 00:36	John W Yanzuk II	1
07047	Beryllium	SW-846 6010B	1	121781848002	06/28/2012 00:36	John W Yanzuk II	1
07049	Cadmium	SW-846 6010B	1	121781848002	06/28/2012 00:36	John W Yanzuk II	1
07051	Chromium	SW-846 6010B	1	121781848002	06/28/2012 00:36	John W Yanzuk II	1
07052	Cobalt	SW-846 6010B	1	121781848002	06/28/2012 00:36	John W Yanzuk II	1
07053	Copper	SW-846 6010B	1	121781848002	06/28/2012 00:36	John W Yanzuk II	1
07055	Lead	SW-846 6010B	1	121781848002	06/28/2012 07:57	Tara L Snyder	1
07060	Molybdenum	SW-846 6010B	1	121781848002	06/28/2012 00:36	John W Yanzuk II	1
07061	Nickel	SW-846 6010B	1	121781848002	06/28/2012 07:57	Tara L Snyder	1
07036	Selenium	SW-846 6010B	1	121781848002	06/28/2012 00:36	John W Yanzuk II	1
07066	Silver	SW-846 6010B	1	121781848002	06/28/2012 00:36	John W Yanzuk II	1
07022	Thallium	SW-846 6010B	1	121781848002	06/28/2012 00:36	John W Yanzuk II	1
07071	Vanadium	SW-846 6010B	1	121781848002	06/28/2012 00:36	John W Yanzuk II	1
07072	Zinc	SW-846 6010B	1	121781848002	06/28/2012 00:36	John W Yanzuk II	1

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

Sample Description: MW-16-W-120621 Filtered NA Water
Facility# 90260 BTST
21995 Foothill-Hayward T0600100315 MW-16

LLI Sample # WW 6699079
LLI Group # 1317852
Account # 10991

Project Name: 90260

Collected: 06/21/2012 11:15 by PH

Chevron

6001 Bollinger Canyon Rd L4310

Submitted: 06/22/2012 09:25

San Ramon CA 94583

Reported: 07/11/2012 19:27

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
00259	Mercury	SW-846 7470A	1	121785713001	06/27/2012 10:01	Damary Valentin	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	121781848002	06/27/2012 13:30	James L Mertz	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	121785713001	06/26/2012 14:47	Nelli S Markaryan	1

Sample Description: MW-18-W-120621 NA Water
Facility# 90260 BTST
21995 Foothill-Hayward T0600100315 MW-18

LLI Sample # WW 6699080
LLI Group # 1317852
Account # 10991

Project Name: 90260

Collected: 06/21/2012 11:50 by PH

Chevron

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

Submitted: 06/22/2012 09:25

Reported: 07/11/2012 19:27

FBH18

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	
10903	Benzene	71-43-2	24 J	5	40	10
10903	Bromodichloromethane	75-27-4	N.D.	10	50	10
10903	Bromoform	75-25-2	N.D.	10	50	10
10903	Bromomethane	74-83-9	N.D.	10	50	10
10903	Carbon Tetrachloride	56-23-5	N.D.	10	50	10
10903	Chlorobenzene	108-90-7	N.D.	8	50	10
10903	Chloroethane	75-00-3	N.D.	10	50	10
10903	Chloroform	67-66-3	N.D.	8	50	10
10903	Chloromethane	74-87-3	N.D.	10	50	10
10903	Dibromochloromethane	124-48-1	N.D.	10	50	10
10903	1,2-Dichlorobenzene	95-50-1	N.D.	10	50	10
10903	1,3-Dichlorobenzene	541-73-1	N.D.	10	50	10
10903	1,4-Dichlorobenzene	106-46-7	N.D.	10	50	10
10903	1,1-Dichloroethane	75-34-3	N.D.	10	50	10
10903	1,2-Dichloroethane	107-06-2	N.D.	5	40	10
10903	1,1-Dichloroethene	75-35-4	N.D.	8	50	10
10903	cis-1,2-Dichloroethene	156-59-2	N.D.	8	50	10
10903	trans-1,2-Dichloroethene	156-60-5	N.D.	8	50	10
10903	1,2-Dichloropropane	78-87-5	N.D.	10	50	10
10903	cis-1,3-Dichloropropene	10061-01-5	N.D.	10	50	10
10903	trans-1,3-Dichloropropene	10061-02-6	N.D.	10	50	10
10903	Ethylbenzene	100-41-4	1,300	5	40	10
10903	Freon 113	76-13-1	N.D.	20	100	10
10903	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	5	40	10
10903	Methylene Chloride	75-09-2	N.D.	20	50	10
10903	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	10	50	10
10903	Tetrachloroethene	127-18-4	N.D.	8	50	10
10903	Toluene	108-88-3	47	5	40	10
10903	1,1,1-Trichloroethane	71-55-6	N.D.	8	50	10
10903	1,1,2-Trichloroethane	79-00-5	N.D.	8	50	10
10903	Trichloroethene	79-01-6	N.D.	10	50	10
10903	Trichlorofluoromethane	75-69-4	N.D.	20	50	10
10903	Vinyl Chloride	75-01-4	N.D.	10	50	10
10903	m+p-Xylene	179601-23-1	740	5	40	10
10903	o-Xylene	95-47-6	24 J	5	40	10

The LCS and/or LCSD recoveries are outside the stated QC window but within the marginal exceedance allowance of +/- 4 standard deviations as defined in the NELAC Standards. The following analytes are accepted based on this allowance: chloromethane.

GC/MS	Semivolatiles	SW-846 8270C	ug/l	ug/l	ug/l	
07805	Acenaphthene	83-32-9	0.6	0.09	0.5	1
07805	Acenaphthylene	208-96-8	0.5	0.09	0.5	1
07805	Anthracene	120-12-7	0.2 J	0.09	0.5	1
07805	Benzo(a)anthracene	56-55-3	0.1 J	0.09	0.5	1
07805	Benzo(a)pyrene	50-32-8	N.D.	0.09	0.5	1
07805	Benzo(b)fluoranthene	205-99-2	N.D.	0.09	0.5	1
07805	Benzo(g,h,i)perylene	191-24-2	N.D.	0.09	0.5	1
07805	Benzo(k)fluoranthene	207-08-9	N.D.	0.09	0.5	1
07805	Chrysene	218-01-9	N.D.	0.09	0.5	1

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

Sample Description: MW-18-W-120621 NA Water
Facility# 90260 BTST
21995 Foothill-Hayward T0600100315 MW-18

LLI Sample # WW 6699080
LLI Group # 1317852
Account # 10991

Project Name: 90260

Collected: 06/21/2012 11:50 by PH

Chevron

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

Submitted: 06/22/2012 09:25

Reported: 07/11/2012 19:27

FBH18

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Semivolatiles SW-846 8270C						
07805	Dibenz(a,h)anthracene	53-70-3	N.D.	0.09	0.5	1
07805	Fluoranthene	206-44-0	0.2 J	0.09	0.5	1
07805	Fluorene	86-73-7	0.6	0.09	0.5	1
07805	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	0.09	0.5	1
07805	Naphthalene	91-20-3	130	0.9	5	10
07805	Phenanthrene	85-01-8	0.9	0.09	0.5	1
07805	Pyrene	129-00-0	0.3 J	0.09	0.5	1
GC Volatiles SW-846 8015B						
01728	TPH-GRO N. CA water C6-C12	n.a.	20,000	5,000	10,000	10
Pesticides/PCBs SW-846 8082						
10227	PCB-1016	12674-11-2	N.D.	0.097	0.48	1
10227	PCB-1221	11104-28-2	N.D.	0.097	0.48	1
10227	PCB-1232	11141-16-5	N.D.	0.19	0.48	1
10227	PCB-1242	53469-21-9	N.D.	0.097	0.48	1
10227	PCB-1248	12672-29-6	N.D.	0.097	0.48	1
10227	PCB-1254	11097-69-1	N.D.	0.097	0.48	1
10227	PCB-1260	11096-82-5	N.D.	0.15	0.48	1
GC Miscellaneous SW-846 8015B modified						
07105	Methane	74-82-8	4,600	250	750	50
GC Petroleum SW-846 8015B						
Hydrocarbons w/Si						
06610	TPH-DRO CA C10-C28 w/ Si Gel	n.a.	17,000	50	100	1
Due to the presence of fuel in the sample extract, capric acid recovery can not be determined.						
GC Petroleum SW-846 8015B modified						
Hydrocarbons w/Si						
10006	Motor Oil C16-C36 w/Si Gel	n.a.	700	39	120	1
10006	Total TPH w/Si Gel	n.a.	700	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. The surrogate data is outside the QC limits due to unresolvable matrix problems evident in the sample chromatogram.						
The reverse surrogate, capric acid, is present at 1.2%.						
Wet Chemistry EPA 300.0						
00368	Nitrate Nitrogen	14797-55-8	N.D.	250	500	5
00228	Sulfate	14808-79-8	N.D.	1,500	5,000	5

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

Sample Description: MW-18-W-120621 NA Water
Facility# 90260 BTST
21995 Foothill-Hayward T0600100315 MW-18

LLI Sample # WW 6699080
LLI Group # 1317852
Account # 10991

Project Name: 90260

Collected: 06/21/2012 11:50 by PH

Chevron

6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

Submitted: 06/22/2012 09:25

Reported: 07/11/2012 19:27

FBH18

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
	Wet Chemistry	SM20 3500 Fe B modified	ug/l	ug/l	ug/l	
08344	Ferrous Iron	n.a.	4,400	250	2,500	25

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
10903	VOCs by 8260B - Water	SW-846 8260B	1	W121871AA	07/05/2012 12:40	Christopher G Torres	10
01163	GC/MS VOA Water Prep	SW-846 5030B	1	W121871AA	07/05/2012 12:40	Christopher G Torres	10
07805	PAHs 8270C Water	SW-846 8270C	1	12175WAI026	06/26/2012 10:50	Brian K Graham	1
07805	PAHs 8270C Water	SW-846 8270C	1	12175WAI026	06/26/2012 21:24	Holly Berry	10
07807	BNA Water Extraction	SW-846 3510C	1	12175WAI026	06/25/2012 11:15	Denise L Trimby	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	12178B07A	07/02/2012 21:48	Marie D John	10
01146	GC VOA Water Prep	SW-846 5030B	1	12178B07A	07/02/2012 21:48	Marie D John	10
10227	PCBs in Water 8082	SW-846 8082	1	121790009A	07/01/2012 22:49	Jamie L Brillhart	1
11117	PCB Waters Extraction	SW-846 3510C	1	121790009A	06/27/2012 15:50	JoElla L Rice	1
07105	Volatile Headspace Hydrocarbon	SW-846 8015B modified	1	121840034A	07/04/2012 18:21	Elizabeth J Marin	50
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B	1	121790025A	07/02/2012 14:39	Christine E Dolman	1
10006	TPH Fuels water w/Si Gel	SW-846 8015B modified	1	121750014A	06/26/2012 03:35	Heather E Williams	1
11180	Low Vol Ext(W) w/SG	SW-846 3510C	1	121790025A	06/28/2012 09:10	Catherine R Wiker	1
11195	TPH w/ Silica Gel Waters Ext.	SW-846 3510C	1	121750014A	06/25/2012 10:00	Olivia Arosemena	1
00368	Nitrate Nitrogen	EPA 300.0	1	12175987901B	06/23/2012 13:39	Clinton M Wilson	5
00228	Sulfate	EPA 300.0	1	12175987901B	06/23/2012 13:39	Clinton M Wilson	5
08344	Ferrous Iron	SM20 3500 Fe B modified	1	12178834401A	06/26/2012 23:30	Daniel S Smith	25

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

Sample Description: MW-18-W-120621 Filtered NA Water
Facility# 90260 BTST
21995 Foothill-Hayward T0600100315 MW-18

LLI Sample # WW 6699081
LLI Group # 1317852
Account # 10991

Project Name: 90260

Collected: 06/21/2012 11:50 by PH

Chevron

6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

Submitted: 06/22/2012 09:25

Reported: 07/11/2012 19:27

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
Metals Dissolved		SW-846 6010B	ug/l	ug/l	ug/l	
07044	Antimony	7440-36-0	N.D.	3.5	20.0	1
07035	Arsenic	7440-38-2	185	6.8	20.0	1
07046	Barium	7440-39-3	101	0.33	5.0	1
07047	Beryllium	7440-41-7	N.D.	0.67	5.0	1
07049	Cadmium	7440-43-9	N.D.	0.36	5.0	1
07051	Chromium	7440-47-3	N.D.	1.1	15.0	1
07052	Cobalt	7440-48-4	2.7 J	0.66	5.0	1
07053	Copper	7440-50-8	N.D.	2.1	10.0	1
07055	Lead	7439-92-1	5.2 J	5.1	15.0	1
07060	Molybdenum	7439-98-7	N.D.	2.9	10.0	1
07061	Nickel	7440-02-0	4.0 J	1.1	10.0	1
07036	Selenium	7782-49-2	N.D.	7.5	20.0	1
07066	Silver	7440-22-4	N.D.	1.2	5.0	1
07022	Thallium	7440-28-0	N.D.	5.7	30.0	1
07071	Vanadium	7440-62-2	1.7 J	1.3	5.0	1
07072	Zinc	7440-66-6	6.4 J	2.0	20.0	1
		SW-846 7470A	ug/l	ug/l	ug/l	
00259	Mercury	7439-97-6	0.034 J	0.0081	0.20	1

General Sample Comments

State of California Lab Certification No. 2501

This sample was filtered in the lab for dissolved metals.

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
07044	Antimony	SW-846 6010B	1	121781848002	06/28/2012 00:40	John W Yanzuk II	1
07035	Arsenic	SW-846 6010B	1	121781848002	06/28/2012 08:02	Tara L Snyder	1
07046	Barium	SW-846 6010B	1	121781848002	06/28/2012 00:40	John W Yanzuk II	1
07047	Beryllium	SW-846 6010B	1	121781848002	06/28/2012 00:40	John W Yanzuk II	1
07049	Cadmium	SW-846 6010B	1	121781848002	06/28/2012 00:40	John W Yanzuk II	1
07051	Chromium	SW-846 6010B	1	121781848002	06/28/2012 00:40	John W Yanzuk II	1
07052	Cobalt	SW-846 6010B	1	121781848002	06/28/2012 08:02	Tara L Snyder	1
07053	Copper	SW-846 6010B	1	121781848002	06/28/2012 00:40	John W Yanzuk II	1
07055	Lead	SW-846 6010B	1	121781848002	06/28/2012 08:02	Tara L Snyder	1
07060	Molybdenum	SW-846 6010B	1	121781848002	06/28/2012 00:40	John W Yanzuk II	1
07061	Nickel	SW-846 6010B	1	121781848002	06/28/2012 08:02	Tara L Snyder	1
07036	Selenium	SW-846 6010B	1	121781848002	06/28/2012 00:40	John W Yanzuk II	1
07066	Silver	SW-846 6010B	1	121781848002	06/28/2012 00:40	John W Yanzuk II	1
07022	Thallium	SW-846 6010B	1	121781848002	06/28/2012 00:40	John W Yanzuk II	1
07071	Vanadium	SW-846 6010B	1	121781848002	06/28/2012 08:02	Tara L Snyder	1
07072	Zinc	SW-846 6010B	1	121781848002	06/28/2012 00:40	John W Yanzuk II	1

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

Sample Description: MW-18-W-120621 Filtered NA Water
Facility# 90260 BTST
21995 Foothill-Hayward T0600100315 MW-18

LLI Sample # WW 6699081
LLI Group # 1317852
Account # 10991

Project Name: 90260

Collected: 06/21/2012 11:50 by PH

Chevron

6001 Bollinger Canyon Rd L4310

Submitted: 06/22/2012 09:25

San Ramon CA 94583

Reported: 07/11/2012 19:27

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
00259	Mercury	SW-846 7470A	1	121785713001	06/27/2012 10:02	Damary Valentin	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	121781848002	06/27/2012 13:30	James L Mertz	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	121785713001	06/26/2012 14:47	Nelli S Markaryan	1

Sample Description: MW-19-W-120621 NA Water
Facility# 90260 BTST
21995 Foothill-Hayward T0600100315 MW-19

LLI Sample # WW 6699082
LLI Group # 1317852
Account # 10991

Project Name: 90260

Collected: 06/21/2012 10:50 by PH

Chevron

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

Submitted: 06/22/2012 09:25

Reported: 07/11/2012 19:27

FBH19

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	
10903	Benzene	71-43-2	5,000	25	200	50
10903	Bromodichloromethane	75-27-4	N.D.	1	5	1
10903	Bromoform	75-25-2	N.D.	1	5	1
10903	Bromomethane	74-83-9	N.D.	1	5	1
10903	Carbon Tetrachloride	56-23-5	N.D.	1	5	1
10903	Chlorobenzene	108-90-7	N.D.	0.8	5	1
10903	Chloroethane	75-00-3	N.D.	1	5	1
10903	Chloroform	67-66-3	N.D.	0.8	5	1
10903	Chloromethane	74-87-3	N.D.	1	5	1
10903	Dibromochloromethane	124-48-1	N.D.	1	5	1
10903	1,2-Dichlorobenzene	95-50-1	N.D.	1	5	1
10903	1,3-Dichlorobenzene	541-73-1	N.D.	1	5	1
10903	1,4-Dichlorobenzene	106-46-7	N.D.	1	5	1
10903	1,1-Dichloroethane	75-34-3	N.D.	1	5	1
10903	1,2-Dichloroethane	107-06-2	N.D.	0.5	4	1
10903	1,1-Dichloroethene	75-35-4	N.D.	0.8	5	1
10903	cis-1,2-Dichloroethene	156-59-2	N.D.	0.8	5	1
10903	trans-1,2-Dichloroethene	156-60-5	N.D.	0.8	5	1
10903	1,2-Dichloropropane	78-87-5	N.D.	1	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	N.D.	1	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	N.D.	1	5	1
10903	Ethylbenzene	100-41-4	130	0.5	4	1
10903	Freon 113	76-13-1	N.D.	2	10	1
10903	Methyl Tertiary Butyl Ether	1634-04-4	180	0.5	4	1
10903	Methylene Chloride	75-09-2	N.D.	2	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1	5	1
10903	Tetrachloroethene	127-18-4	N.D.	0.8	5	1
10903	Toluene	108-88-3	39	0.5	4	1
10903	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	5	1
10903	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	5	1
10903	Trichloroethene	79-01-6	N.D.	1	5	1
10903	Trichlorofluoromethane	75-69-4	N.D.	2	5	1
10903	Vinyl Chloride	75-01-4	N.D.	1	5	1
10903	m+p-Xylene	179601-23-1	51	0.5	4	1
10903	o-Xylene	95-47-6	8	0.5	4	1

The LCS and/or LCSD recoveries are outside the stated QC window but within the marginal exceedance allowance of +/- 4 standard deviations as defined in the NELAC Standards. The following analytes are accepted based on this allowance: chloromethane.

GC/MS	Semivolatiles	SW-846 8270C	ug/l	ug/l	ug/l	
07805	Acenaphthene	83-32-9	N.D.	0.1	0.5	1
07805	Acenaphthylene	208-96-8	N.D.	0.1	0.5	1
07805	Anthracene	120-12-7	N.D.	0.1	0.5	1
07805	Benzo(a)anthracene	56-55-3	N.D.	0.1	0.5	1
07805	Benzo(a)pyrene	50-32-8	N.D.	0.1	0.5	1
07805	Benzo(b)fluoranthene	205-99-2	N.D.	0.1	0.5	1
07805	Benzo(g,h,i)perylene	191-24-2	N.D.	0.1	0.5	1
07805	Benzo(k)fluoranthene	207-08-9	N.D.	0.1	0.5	1
07805	Chrysene	218-01-9	N.D.	0.1	0.5	1

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

Sample Description: MW-19-W-120621 NA Water
Facility# 90260 BTST
21995 Foothill-Hayward T0600100315 MW-19

LLI Sample # WW 6699082
LLI Group # 1317852
Account # 10991

Project Name: 90260

Collected: 06/21/2012 10:50 by PH

Chevron

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

Submitted: 06/22/2012 09:25

Reported: 07/11/2012 19:27

FBH19

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Semivolatiles SW-846 8270C						
07805	Dibenz(a,h)anthracene	53-70-3	N.D.	0.1	0.5	1
07805	Fluoranthene	206-44-0	N.D.	0.1	0.5	1
07805	Fluorene	86-73-7	N.D.	0.1	0.5	1
07805	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	0.1	0.5	1
07805	Naphthalene	91-20-3	46	0.1	0.5	1
07805	Phenanthrene	85-01-8	N.D.	0.1	0.5	1
07805	Pyrene	129-00-0	N.D.	0.1	0.5	1
GC Volatiles SW-846 8015B						
01728	TPH-GRO N. CA water C6-C12	n.a.	16,000	250	500	5
Pesticides/PCBs SW-846 8082						
10227	PCB-1016	12674-11-2	N.D.	0.099	0.50	1
10227	PCB-1221	11104-28-2	N.D.	0.099	0.50	1
10227	PCB-1232	11141-16-5	N.D.	0.20	0.50	1
10227	PCB-1242	53469-21-9	N.D.	0.099	0.50	1
10227	PCB-1248	12672-29-6	N.D.	0.099	0.50	1
10227	PCB-1254	11097-69-1	N.D.	0.099	0.50	1
10227	PCB-1260	11096-82-5	N.D.	0.15	0.50	1
GC Miscellaneous SW-846 8015B modified						
07105	Methane	74-82-8	91	5.0	15	1
GC Petroleum SW-846 8015B						
Hydrocarbons w/Si						
06610	TPH-DR0 CA C10-C28 w/ Si Gel	n.a.	270	50	110	1
The reverse surrogate, capric acid, is present at <1%.						
GC Petroleum SW-846 8015B modified						
Hydrocarbons w/Si						
10006	Motor Oil C16-C36 w/Si Gel	n.a.	44 J	40	120	1
10006	Total TPH w/Si Gel	n.a.	44 J	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.						
The reverse surrogate, capric acid, is present at <1%.						
Wet Chemistry EPA 300.0						
00368	Nitrate Nitrogen	14797-55-8	N.D.	250	500	5
00228	Sulfate	14808-79-8	N.D.	1,500	5,000	5
SM20 3500 Fe B modified						
08344	Ferrous Iron	n.a.	4,800	250	2,500	25

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

Sample Description: MW-19-W-120621 NA Water
Facility# 90260 BTST
21995 Foothill-Hayward T0600100315 MW-19

LLI Sample # WW 6699082
LLI Group # 1317852
Account # 10991

Project Name: 90260

Collected: 06/21/2012 10:50 by PH

Chevron

6001 Bollinger Canyon Rd L4310

Submitted: 06/22/2012 09:25

San Ramon CA 94583

Reported: 07/11/2012 19:27

FBH19

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
10903	VOCs by 8260B - Water	SW-846 8260B	1	W121871AA	07/05/2012 14:15	Christopher G Torres	1
10903	VOCs by 8260B - Water	SW-846 8260B	1	W121872AA	07/05/2012 23:01	Emily R Styer	50
01163	GC/MS VOA Water Prep	SW-846 5030B	1	W121871AA	07/05/2012 14:15	Christopher G Torres	1
01163	GC/MS VOA Water Prep	SW-846 5030B	2	W121872AA	07/05/2012 23:01	Emily R Styer	50
07805	PAHs 8270C Water	SW-846 8270C	1	12175WAI026	06/26/2012 11:13	Brian K Graham	1
07807	BNA Water Extraction	SW-846 3510C	1	12175WAI026	06/25/2012 11:15	Denise L Trimby	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	12179A07A	06/29/2012 00:26	Marie D John	5
01146	GC VOA Water Prep	SW-846 5030B	1	12179A07A	06/29/2012 00:26	Marie D John	5
10227	PCBs in Water 8082	SW-846 8082	1	121790009A	06/29/2012 20:37	Jamie L Brillhart	1
11117	PCB Waters Extraction	SW-846 3510C	1	121790009A	06/27/2012 15:50	JoElla L Rice	1
07105	Volatile Headspace Hydrocarbon	SW-846 8015B modified	1	121840034A	07/03/2012 21:20	Elizabeth J Marin	1
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B	1	121790025A	07/02/2012 15:01	Christine E Dolman	1
10006	TPH Fuels water w/Si Gel	SW-846 8015B modified	1	121750014A	06/26/2012 03:59	Heather E Williams	1
11180	Low Vol Ext(W) w/SG	SW-846 3510C	1	121790025A	06/28/2012 09:10	Catherine R Wiker	1
11195	TPH w/ Silica Gel Waters Ext.	SW-846 3510C	1	121750014A	06/25/2012 10:00	Olivia Arosemena	1
00368	Nitrate Nitrogen	EPA 300.0	1	12175987901B	06/23/2012 13:10	Clinton M Wilson	5
00228	Sulfate	EPA 300.0	1	12175987901B	06/23/2012 13:10	Clinton M Wilson	5
08344	Ferrous Iron	SM20 3500 Fe B modified	1	12178834401A	06/26/2012 23:30	Daniel S Smith	25

Sample Description: MW-19-W-120621 Filtered NA Water
Facility# 90260 BTST
21995 Foothill-Hayward T0600100315 MW-19

LLI Sample # WW 6699083
LLI Group # 1317852
Account # 10991

Project Name: 90260

Collected: 06/21/2012 10:50 by PH

Chevron

6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

Submitted: 06/22/2012 09:25

Reported: 07/11/2012 19:27

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
Metals Dissolved		SW-846 6010B	ug/l	ug/l	ug/l	
07044	Antimony	7440-36-0	N.D.	3.5	20.0	1
07035	Arsenic	7440-38-2	45.6	6.8	20.0	1
07046	Barium	7440-39-3	47.3	0.33	5.0	1
07047	Beryllium	7440-41-7	N.D.	0.67	5.0	1
07049	Cadmium	7440-43-9	N.D.	0.36	5.0	1
07051	Chromium	7440-47-3	N.D.	1.1	15.0	1
07052	Cobalt	7440-48-4	N.D.	0.66	5.0	1
07053	Copper	7440-50-8	N.D.	2.1	10.0	1
07055	Lead	7439-92-1	N.D.	5.1	15.0	1
07060	Molybdenum	7439-98-7	N.D.	2.9	10.0	1
07061	Nickel	7440-02-0	N.D.	1.1	10.0	1
07036	Selenium	7782-49-2	N.D.	7.5	20.0	1
07066	Silver	7440-22-4	N.D.	1.2	5.0	1
07022	Thallium	7440-28-0	N.D.	5.7	30.0	1
07071	Vanadium	7440-62-2	1.7 J	1.3	5.0	1
07072	Zinc	7440-66-6	3.4 J	2.0	20.0	1
		SW-846 7470A	ug/l	ug/l	ug/l	
00259	Mercury	7439-97-6	0.028 J	0.0081	0.20	1

General Sample Comments

State of California Lab Certification No. 2501

This sample was filtered in the lab for dissolved metals.

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
07044	Antimony	SW-846 6010B	1	121781848002	06/28/2012 00:44	John W Yanzuk II	1
07035	Arsenic	SW-846 6010B	1	121781848002	06/28/2012 08:15	Tara L Snyder	1
07046	Barium	SW-846 6010B	1	121781848002	06/28/2012 00:44	John W Yanzuk II	1
07047	Beryllium	SW-846 6010B	1	121781848002	06/28/2012 00:44	John W Yanzuk II	1
07049	Cadmium	SW-846 6010B	1	121781848002	06/28/2012 00:44	John W Yanzuk II	1
07051	Chromium	SW-846 6010B	1	121781848002	06/28/2012 00:44	John W Yanzuk II	1
07052	Cobalt	SW-846 6010B	1	121781848002	06/28/2012 00:44	John W Yanzuk II	1
07053	Copper	SW-846 6010B	1	121781848002	06/28/2012 00:44	John W Yanzuk II	1
07055	Lead	SW-846 6010B	1	121781848002	06/28/2012 08:15	Tara L Snyder	1
07060	Molybdenum	SW-846 6010B	1	121781848002	06/28/2012 00:44	John W Yanzuk II	1
07061	Nickel	SW-846 6010B	1	121781848002	06/28/2012 00:44	John W Yanzuk II	1
07036	Selenium	SW-846 6010B	1	121781848002	06/28/2012 00:44	John W Yanzuk II	1
07066	Silver	SW-846 6010B	1	121781848002	06/28/2012 00:44	John W Yanzuk II	1
07022	Thallium	SW-846 6010B	1	121781848002	06/28/2012 00:44	John W Yanzuk II	1
07071	Vanadium	SW-846 6010B	1	121781848002	06/28/2012 08:15	Tara L Snyder	1
07072	Zinc	SW-846 6010B	1	121781848002	06/28/2012 00:44	John W Yanzuk II	1

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

Sample Description: MW-19-W-120621 Filtered NA Water
Facility# 90260 BTST
21995 Foothill-Hayward T0600100315 MW-19

LLI Sample # WW 6699083
LLI Group # 1317852
Account # 10991

Project Name: 90260

Collected: 06/21/2012 10:50 by PH

Chevron

6001 Bollinger Canyon Rd L4310

Submitted: 06/22/2012 09:25

San Ramon CA 94583

Reported: 07/11/2012 19:27

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
00259	Mercury	SW-846 7470A	1	121785713001	06/27/2012 10:04	Damary Valentin	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	121781848002	06/27/2012 13:30	James L Mertz	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	121785713001	06/26/2012 14:47	Nelli S Markaryan	1

Sample Description: P-1-W-120621 NA Water
Facility# 90260 BTST
21995 Foothill-Hayward T0600100315 P-1

LLI Sample # WW 6699084
LLI Group # 1317852
Account # 10991

Project Name: 90260

Collected: 06/21/2012 09:40 by PH

Chevron

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

Submitted: 06/22/2012 09:25

Reported: 07/11/2012 19:27

FBHP1

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	
10903	Benzene	71-43-2	N.D.	0.5	4	1
10903	Bromodichloromethane	75-27-4	N.D.	1	5	1
10903	Bromoform	75-25-2	N.D.	1	5	1
10903	Bromomethane	74-83-9	N.D.	1	5	1
10903	Carbon Tetrachloride	56-23-5	N.D.	1	5	1
10903	Chlorobenzene	108-90-7	N.D.	0.8	5	1
10903	Chloroethane	75-00-3	N.D.	1	5	1
10903	Chloroform	67-66-3	N.D.	0.8	5	1
10903	Chloromethane	74-87-3	N.D.	1	5	1
10903	Dibromochloromethane	124-48-1	N.D.	1	5	1
10903	1,2-Dichlorobenzene	95-50-1	N.D.	1	5	1
10903	1,3-Dichlorobenzene	541-73-1	N.D.	1	5	1
10903	1,4-Dichlorobenzene	106-46-7	N.D.	1	5	1
10903	1,1-Dichloroethane	75-34-3	N.D.	1	5	1
10903	1,2-Dichloroethane	107-06-2	N.D.	0.5	4	1
10903	1,1-Dichloroethene	75-35-4	N.D.	0.8	5	1
10903	cis-1,2-Dichloroethene	156-59-2	N.D.	0.8	5	1
10903	trans-1,2-Dichloroethene	156-60-5	N.D.	0.8	5	1
10903	1,2-Dichloropropane	78-87-5	N.D.	1	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	N.D.	1	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	N.D.	1	5	1
10903	Ethylbenzene	100-41-4	N.D.	0.5	4	1
10903	Freon 113	76-13-1	N.D.	2	10	1
10903	Methyl Tertiary Butyl Ether	1634-04-4	11	0.5	4	1
10903	Methylene Chloride	75-09-2	N.D.	2	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1	5	1
10903	Tetrachloroethene	127-18-4	N.D.	0.8	5	1
10903	Toluene	108-88-3	N.D.	0.5	4	1
10903	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	5	1
10903	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	5	1
10903	Trichloroethene	79-01-6	N.D.	1	5	1
10903	Trichlorofluoromethane	75-69-4	N.D.	2	5	1
10903	Vinyl Chloride	75-01-4	N.D.	1	5	1
10903	m+p-Xylene	179601-23-1	N.D.	0.5	4	1
10903	o-Xylene	95-47-6	N.D.	0.5	4	1

The LCS and/or LCSD recoveries are outside the stated QC window but within the marginal exceedance allowance of +/- 4 standard deviations as defined in the NELAC Standards. The following analytes are accepted based on this allowance: chloromethane.

GC/MS	Semivolatiles	SW-846 8270C	ug/l	ug/l	ug/l	
07805	Acenaphthene	83-32-9	N.D.	0.1	0.5	1
07805	Acenaphthylene	208-96-8	N.D.	0.1	0.5	1
07805	Anthracene	120-12-7	N.D.	0.1	0.5	1
07805	Benzo(a)anthracene	56-55-3	N.D.	0.1	0.5	1
07805	Benzo(a)pyrene	50-32-8	N.D.	0.1	0.5	1
07805	Benzo(b)fluoranthene	205-99-2	N.D.	0.1	0.5	1
07805	Benzo(g,h,i)perylene	191-24-2	N.D.	0.1	0.5	1
07805	Benzo(k)fluoranthene	207-08-9	N.D.	0.1	0.5	1
07805	Chrysene	218-01-9	N.D.	0.1	0.5	1

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

Sample Description: P-1-W-120621 NA Water
Facility# 90260 BTST
21995 Foothill-Hayward T0600100315 P-1

LLI Sample # WW 6699084
LLI Group # 1317852
Account # 10991

Project Name: 90260

Collected: 06/21/2012 09:40 by PH

Chevron

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

Submitted: 06/22/2012 09:25

Reported: 07/11/2012 19:27

FBHP1

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Semivolatiles SW-846 8270C						
07805	Dibenz(a,h)anthracene	53-70-3	N.D.	0.1	0.5	1
07805	Fluoranthene	206-44-0	N.D.	0.1	0.5	1
07805	Fluorene	86-73-7	N.D.	0.1	0.5	1
07805	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	0.1	0.5	1
07805	Naphthalene	91-20-3	N.D.	0.1	0.5	1
07805	Phenanthrene	85-01-8	N.D.	0.1	0.5	1
07805	Pyrene	129-00-0	N.D.	0.1	0.5	1
GC Volatiles SW-846 8015B						
01728	TPH-GRO N. CA water C6-C12	n.a.	N.D.	50	100	1
Pesticides/PCBs SW-846 8082						
10227	PCB-1016	12674-11-2	N.D.	0.098	0.49	1
10227	PCB-1221	11104-28-2	N.D.	0.098	0.49	1
10227	PCB-1232	11141-16-5	N.D.	0.20	0.49	1
10227	PCB-1242	53469-21-9	N.D.	0.098	0.49	1
10227	PCB-1248	12672-29-6	N.D.	0.098	0.49	1
10227	PCB-1254	11097-69-1	N.D.	0.098	0.49	1
10227	PCB-1260	11096-82-5	N.D.	0.15	0.49	1
GC Miscellaneous SW-846 8015B modified						
07105	Methane	74-82-8	730	50	150	10
GC Petroleum SW-846 8015B						
Hydrocarbons w/Si						
06610	TPH-DR0 CA C10-C28 w/ Si Gel	n.a.	N.D.	50	110	1
The reverse surrogate, capric acid, is present at <1%.						
GC Petroleum SW-846 8015B modified						
Hydrocarbons w/Si						
10006	Motor Oil C16-C36 w/Si Gel	n.a.	N.D.	39	120	1
10006	Total TPH w/Si Gel	n.a.	N.D.	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.						
The reverse surrogate, capric acid, is present at <1%.						
Wet Chemistry EPA 300.0						
00368	Nitrate Nitrogen	14797-55-8	N.D.	250	500	5
00228	Sulfate	14808-79-8	2,500	J 1,500	5,000	5
SM20 3500 Fe B modified						
08344	Ferrous Iron	n.a.	48,900	2,000	20,000	200

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

Sample Description: P-1-W-120621 NA Water
Facility# 90260 BTST
21995 Foothill-Hayward T0600100315 P-1

LLI Sample # WW 6699084
LLI Group # 1317852
Account # 10991

Project Name: 90260

Collected: 06/21/2012 09:40 by PH

Chevron

6001 Bollinger Canyon Rd L4310

Submitted: 06/22/2012 09:25

San Ramon CA 94583

Reported: 07/11/2012 19:27

FBHP1

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
10903	VOCs by 8260B - Water	SW-846 8260B	1	W121871AA	07/05/2012 06:01	Christopher G Torres	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	W121871AA	07/05/2012 06:01	Christopher G Torres	1
07805	PAHs 8270C Water	SW-846 8270C	1	12175WAI026	06/26/2012 11:35	Brian K Graham	1
07807	BNA Water Extraction	SW-846 3510C	1	12175WAI026	06/25/2012 11:15	Denise L Trimby	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	12179A07A	06/28/2012 14:28	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	12179A07A	06/28/2012 14:28	Marie D John	1
10227	PCBs in Water 8082	SW-846 8082	1	121790009A	06/29/2012 20:52	Jessica L Miller	1
11117	PCB Waters Extraction	SW-846 3510C	1	121790009A	06/27/2012 15:50	JoElla L Rice	1
07105	Volatile Headspace Hydrocarbon	SW-846 8015B modified	1	121840034A	07/04/2012 18:58	Elizabeth J Marin	10
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B	1	121790025A	07/02/2012 15:24	Christine E Dolman	1
10006	TPH Fuels water w/Si Gel	SW-846 8015B modified	1	121750014A	06/26/2012 04:22	Heather E Williams	1
11180	Low Vol Ext(W) w/SG	SW-846 3510C	1	121790025A	06/28/2012 09:10	Catherine R Wiker	1
11195	TPH w/ Silica Gel Waters Ext.	SW-846 3510C	1	121750014A	06/25/2012 10:00	Olivia Arosemena	1
00368	Nitrate Nitrogen	EPA 300.0	1	12175987901B	06/23/2012 12:28	Clinton M Wilson	5
00228	Sulfate	EPA 300.0	1	12175987901B	06/23/2012 12:28	Clinton M Wilson	5
08344	Ferrous Iron	SM20 3500 Fe B modified	1	12178834401A	06/26/2012 23:30	Daniel S Smith	200

Sample Description: P-1-W-120621 Filtered NA Water
Facility# 90260 BTST
21995 Foothill-Hayward T0600100315 P-1

LLI Sample # WW 6699085
LLI Group # 1317852
Account # 10991

Project Name: 90260

Collected: 06/21/2012 09:40 by PH

Chevron

6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

Submitted: 06/22/2012 09:25

Reported: 07/11/2012 19:27

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
Metals Dissolved		SW-846 6010B	ug/l	ug/l	ug/l	
07044	Antimony	7440-36-0	N.D.	3.5	20.0	1
07035	Arsenic	7440-38-2	60.5	6.8	20.0	1
07046	Barium	7440-39-3	134	0.33	5.0	1
07047	Beryllium	7440-41-7	N.D.	0.67	5.0	1
07049	Cadmium	7440-43-9	N.D.	0.36	5.0	1
07051	Chromium	7440-47-3	N.D.	1.1	15.0	1
07052	Cobalt	7440-48-4	N.D.	0.66	5.0	1
07053	Copper	7440-50-8	N.D.	2.1	10.0	1
07055	Lead	7439-92-1	N.D.	5.1	15.0	1
07060	Molybdenum	7439-98-7	5.7 J	2.9	10.0	1
07061	Nickel	7440-02-0	1.9 J	1.1	10.0	1
07036	Selenium	7782-49-2	N.D.	7.5	20.0	1
07066	Silver	7440-22-4	N.D.	1.2	5.0	1
07022	Thallium	7440-28-0	N.D.	5.7	30.0	1
07071	Vanadium	7440-62-2	9.0	1.3	5.0	1
07072	Zinc	7440-66-6	2.1 J	2.0	20.0	1
		SW-846 7470A	ug/l	ug/l	ug/l	
00259	Mercury	7439-97-6	0.026 J	0.0081	0.20	1

General Sample Comments

State of California Lab Certification No. 2501

This sample was filtered in the lab for dissolved metals.

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
07044	Antimony	SW-846 6010B	1	121781848002	06/28/2012 00:56	John W Yanzuk II	1
07035	Arsenic	SW-846 6010B	1	121781848002	06/28/2012 08:19	Tara L Snyder	1
07046	Barium	SW-846 6010B	1	121781848002	06/28/2012 00:56	John W Yanzuk II	1
07047	Beryllium	SW-846 6010B	1	121781848002	06/28/2012 00:56	John W Yanzuk II	1
07049	Cadmium	SW-846 6010B	1	121781848002	06/28/2012 00:56	John W Yanzuk II	1
07051	Chromium	SW-846 6010B	1	121781848002	06/28/2012 00:56	John W Yanzuk II	1
07052	Cobalt	SW-846 6010B	1	121781848002	06/28/2012 00:56	John W Yanzuk II	1
07053	Copper	SW-846 6010B	1	121781848002	06/28/2012 00:56	John W Yanzuk II	1
07055	Lead	SW-846 6010B	1	121781848002	06/28/2012 08:19	Tara L Snyder	1
07060	Molybdenum	SW-846 6010B	1	121781848002	06/28/2012 08:19	Tara L Snyder	1
07061	Nickel	SW-846 6010B	1	121781848002	06/28/2012 08:19	Tara L Snyder	1
07036	Selenium	SW-846 6010B	1	121781848002	06/28/2012 00:56	John W Yanzuk II	1
07066	Silver	SW-846 6010B	1	121781848002	06/28/2012 00:56	John W Yanzuk II	1
07022	Thallium	SW-846 6010B	1	121781848002	06/28/2012 00:56	John W Yanzuk II	1
07071	Vanadium	SW-846 6010B	1	121781848002	06/28/2012 08:19	Tara L Snyder	1
07072	Zinc	SW-846 6010B	1	121781848002	06/28/2012 00:56	John W Yanzuk II	1

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

Sample Description: P-1-W-120621 Filtered NA Water
Facility# 90260 BTST
21995 Foothill-Hayward T0600100315 P-1

LLI Sample # WW 6699085
LLI Group # 1317852
Account # 10991

Project Name: 90260

Collected: 06/21/2012 09:40 by PH

Chevron

6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

Submitted: 06/22/2012 09:25

Reported: 07/11/2012 19:27

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
00259	Mercury	SW-846 7470A	1	121785713001	06/27/2012 10:09	Damary Valentin	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	121781848002	06/27/2012 13:30	James L Mertz	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	121785713001	06/26/2012 14:47	Nelli S Markaryan	1

Sample Description: DVE-9-W-120621 NA Water
Facility# 90260 BTST
21995 Foothill-Hayward T0600100315 DVE-9

LLI Sample # WW 6699086
LLI Group # 1317852
Account # 10991

Project Name: 90260

Collected: 06/21/2012 15:30 by PH

Chevron

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

Submitted: 06/22/2012 09:25

Reported: 07/11/2012 19:27

FBHD9

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	
10903	Benzene	71-43-2	100	1	8	2
10903	Bromodichloromethane	75-27-4	N.D.	2	10	2
10903	Bromoform	75-25-2	N.D.	2	10	2
10903	Bromomethane	74-83-9	N.D.	2	10	2
10903	Carbon Tetrachloride	56-23-5	N.D.	2	10	2
10903	Chlorobenzene	108-90-7	N.D.	2	10	2
10903	Chloroethane	75-00-3	N.D.	2	10	2
10903	Chloroform	67-66-3	N.D.	2	10	2
10903	Chloromethane	74-87-3	N.D.	2	10	2
10903	Dibromochloromethane	124-48-1	N.D.	2	10	2
10903	1,2-Dichlorobenzene	95-50-1	N.D.	2	10	2
10903	1,3-Dichlorobenzene	541-73-1	N.D.	2	10	2
10903	1,4-Dichlorobenzene	106-46-7	N.D.	2	10	2
10903	1,1-Dichloroethane	75-34-3	N.D.	2	10	2
10903	1,2-Dichloroethane	107-06-2	N.D.	1	8	2
10903	1,1-Dichloroethene	75-35-4	N.D.	2	10	2
10903	cis-1,2-Dichloroethene	156-59-2	N.D.	2	10	2
10903	trans-1,2-Dichloroethene	156-60-5	N.D.	2	10	2
10903	1,2-Dichloropropane	78-87-5	N.D.	2	10	2
10903	cis-1,3-Dichloropropene	10061-01-5	N.D.	2	10	2
10903	trans-1,3-Dichloropropene	10061-02-6	N.D.	2	10	2
10903	Ethylbenzene	100-41-4	270	1	8	2
10903	Freon 113	76-13-1	N.D.	4	20	2
10903	Methyl Tertiary Butyl Ether	1634-04-4	66	1	8	2
10903	Methylene Chloride	75-09-2	N.D.	4	10	2
10903	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	2	10	2
10903	Tetrachloroethene	127-18-4	N.D.	2	10	2
10903	Toluene	108-88-3	13	1	8	2
10903	1,1,1-Trichloroethane	71-55-6	N.D.	2	10	2
10903	1,1,2-Trichloroethane	79-00-5	N.D.	2	10	2
10903	Trichloroethene	79-01-6	N.D.	2	10	2
10903	Trichlorofluoromethane	75-69-4	N.D.	4	10	2
10903	Vinyl Chloride	75-01-4	N.D.	2	10	2
10903	m+p-Xylene	179601-23-1	340	1	8	2
10903	o-Xylene	95-47-6	70	1	8	2
The LCS and/or LCSD recoveries are outside the stated QC window but within the marginal exceedance allowance of +/- 4 standard deviations as defined in the NELAC Standards. The following analytes are accepted based on this allowance: chloromethane.						
GC/MS	Semivolatiles	SW-846 8270C	ug/l	ug/l	ug/l	
07805	Acenaphthene	83-32-9	0.1 J	0.1	0.5	1
07805	Acenaphthylene	208-96-8	0.1 J	0.1	0.5	1
07805	Anthracene	120-12-7	N.D.	0.1	0.5	1
07805	Benzo(a)anthracene	56-55-3	N.D.	0.1	0.5	1
07805	Benzo(a)pyrene	50-32-8	N.D.	0.1	0.5	1
07805	Benzo(b)fluoranthene	205-99-2	N.D.	0.1	0.5	1
07805	Benzo(g,h,i)perylene	191-24-2	N.D.	0.1	0.5	1
07805	Benzo(k)fluoranthene	207-08-9	N.D.	0.1	0.5	1
07805	Chrysene	218-01-9	N.D.	0.1	0.5	1

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

Sample Description: DVE-9-W-120621 NA Water
Facility# 90260 BTST
21995 Foothill-Hayward T0600100315 DVE-9

LLI Sample # WW 6699086
LLI Group # 1317852
Account # 10991

Project Name: 90260

Collected: 06/21/2012 15:30 by PH

Chevron

6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

Submitted: 06/22/2012 09:25

Reported: 07/11/2012 19:27

FBHD9

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Semivolatiles SW-846 8270C						
07805	Dibenz(a,h)anthracene	53-70-3	N.D.	0.1	0.5	1
07805	Fluoranthene	206-44-0	N.D.	0.1	0.5	1
07805	Fluorene	86-73-7	N.D.	0.1	0.5	1
07805	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	0.1	0.5	1
07805	Naphthalene	91-20-3	23	0.1	0.5	1
07805	Phenanthrene	85-01-8	N.D.	0.1	0.5	1
07805	Pyrene	129-00-0	0.1 J	0.1	0.5	1
GC Volatiles SW-846 8015B						
01728	TPH-GRO N. CA water C6-C12	n.a.	5,600	250	500	5
Pesticides/PCBs SW-846 8082						
10227	PCB-1016	12674-11-2	N.D.	0.094	0.47	1
10227	PCB-1221	11104-28-2	N.D.	0.094	0.47	1
10227	PCB-1232	11141-16-5	N.D.	0.19	0.47	1
10227	PCB-1242	53469-21-9	N.D.	0.094	0.47	1
10227	PCB-1248	12672-29-6	N.D.	0.094	0.47	1
10227	PCB-1254	11097-69-1	N.D.	0.094	0.47	1
10227	PCB-1260	11096-82-5	N.D.	0.14	0.47	1
GC Miscellaneous SW-846 8015B modified						
07105	Methane	74-82-8	3,600	250	750	50
GC Petroleum SW-846 8015B						
Hydrocarbons w/Si						
06610	TPH-DR0 CA C10-C28 w/ Si Gel	n.a.	1,400	50	100	1
The reverse surrogate, capric acid, is present at <1%.						
GC Petroleum SW-846 8015B modified						
Hydrocarbons w/Si						
10006	Motor Oil C16-C36 w/Si Gel	n.a.	130	38	120	1
10006	Total TPH w/Si Gel	n.a.	130	38	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.						
The reverse surrogate, capric acid, is present at <1%.						
Wet Chemistry EPA 300.0						
00368	Nitrate Nitrogen	14797-55-8	N.D.	250	500	5
00228	Sulfate	14808-79-8	45,400	1,500	5,000	5
SM20 3500 Fe B modified						
08344	Ferrous Iron	n.a.	4,700	250	2,500	25

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

Sample Description: DVE-9-W-120621 NA Water
Facility# 90260 BTST
21995 Foothill-Hayward T0600100315 DVE-9

LLI Sample # WW 6699086
LLI Group # 1317852
Account # 10991

Project Name: 90260

Collected: 06/21/2012 15:30 by PH

Chevron

6001 Bollinger Canyon Rd L4310

Submitted: 06/22/2012 09:25

San Ramon CA 94583

Reported: 07/11/2012 19:27

FBHD9

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
10903	VOCs by 8260B - Water	SW-846 8260B	1	W121871AA	07/05/2012 11:07	Christopher G Torres	2
01163	GC/MS VOA Water Prep	SW-846 5030B	1	W121871AA	07/05/2012 11:07	Christopher G Torres	2
07805	PAHs 8270C Water	SW-846 8270C	1	12177WAI026	06/27/2012 09:46	Joseph M Gambler	1
07807	BNA Water Extraction	SW-846 3510C	1	12177WAI026	06/26/2012 10:40	Denise L Trimby	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	12179A07A	06/28/2012 19:59	Marie D John	5
01146	GC VOA Water Prep	SW-846 5030B	1	12179A07A	06/28/2012 19:59	Marie D John	5
10227	PCBs in Water 8082	SW-846 8082	1	121790009A	07/01/2012 23:03	Jamie L Brillhart	1
11117	PCB Waters Extraction	SW-846 3510C	1	121790009A	06/27/2012 15:50	JoElla L Rice	1
07105	Volatile Headspace Hydrocarbon	SW-846 8015B modified	1	121840034A	07/04/2012 19:16	Elizabeth J Marin	50
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B	1	121790025A	07/02/2012 15:47	Christine E Dolman	1
10006	TPH Fuels water w/Si Gel	SW-846 8015B modified	1	121750014A	06/26/2012 04:46	Heather E Williams	1
11180	Low Vol Ext(W) w/SG	SW-846 3510C	1	121790025A	06/28/2012 09:10	Catherine R Wiker	1
11195	TPH w/ Silica Gel Waters Ext.	SW-846 3510C	1	121750014A	06/25/2012 10:00	Olivia Arosemena	1
00368	Nitrate Nitrogen	EPA 300.0	1	12175987901B	06/23/2012 16:43	Clinton M Wilson	5
00228	Sulfate	EPA 300.0	1	12175987901B	06/23/2012 16:43	Clinton M Wilson	5
08344	Ferrous Iron	SM20 3500 Fe B modified	1	12178834401A	06/26/2012 23:30	Daniel S Smith	25

Sample Description: DVE-9-W-120621 Filtered NA Water
Facility# 90260 BTST
21995 Foothill-Hayward T0600100315 DVE-9

LLI Sample # WW 6699087
LLI Group # 1317852
Account # 10991

Project Name: 90260

Collected: 06/21/2012 15:30 by PH

Chevron

6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

Submitted: 06/22/2012 09:25

Reported: 07/11/2012 19:27

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
Metals Dissolved		SW-846 6010B	ug/l	ug/l	ug/l	
07044	Antimony	7440-36-0	N.D.	3.5	20.0	1
07035	Arsenic	7440-38-2	208	6.8	20.0	1
07046	Barium	7440-39-3	115	0.33	5.0	1
07047	Beryllium	7440-41-7	N.D.	0.67	5.0	1
07049	Cadmium	7440-43-9	N.D.	0.36	5.0	1
07051	Chromium	7440-47-3	N.D.	1.1	15.0	1
07052	Cobalt	7440-48-4	N.D.	0.66	5.0	1
07053	Copper	7440-50-8	N.D.	2.1	10.0	1
07055	Lead	7439-92-1	N.D.	5.1	15.0	1
07060	Molybdenum	7439-98-7	N.D.	2.9	10.0	1
07061	Nickel	7440-02-0	N.D.	1.1	10.0	1
07036	Selenium	7782-49-2	N.D.	7.5	20.0	1
07066	Silver	7440-22-4	N.D.	1.2	5.0	1
07022	Thallium	7440-28-0	N.D.	5.7	30.0	1
07071	Vanadium	7440-62-2	N.D.	1.3	5.0	1
07072	Zinc	7440-66-6	3.7 J	2.0	20.0	1
		SW-846 7470A	ug/l	ug/l	ug/l	
00259	Mercury	7439-97-6	0.028 J	0.0081	0.20	1

General Sample Comments

State of California Lab Certification No. 2501

This sample was filtered in the lab for dissolved metals.

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
07044	Antimony	SW-846 6010B	1	121781848002	06/28/2012 01:00	John W Yanzuk II	1
07035	Arsenic	SW-846 6010B	1	121781848002	06/28/2012 08:24	Tara L Snyder	1
07046	Barium	SW-846 6010B	1	121781848002	06/28/2012 01:00	John W Yanzuk II	1
07047	Beryllium	SW-846 6010B	1	121781848002	06/28/2012 01:00	John W Yanzuk II	1
07049	Cadmium	SW-846 6010B	1	121781848002	06/28/2012 01:00	John W Yanzuk II	1
07051	Chromium	SW-846 6010B	1	121781848002	06/28/2012 01:00	John W Yanzuk II	1
07052	Cobalt	SW-846 6010B	1	121781848002	06/28/2012 01:00	John W Yanzuk II	1
07053	Copper	SW-846 6010B	1	121781848002	06/28/2012 01:00	John W Yanzuk II	1
07055	Lead	SW-846 6010B	1	121781848002	06/28/2012 08:24	Tara L Snyder	1
07060	Molybdenum	SW-846 6010B	1	121781848002	06/28/2012 01:00	John W Yanzuk II	1
07061	Nickel	SW-846 6010B	1	121781848002	06/28/2012 01:00	John W Yanzuk II	1
07036	Selenium	SW-846 6010B	1	121781848002	06/28/2012 01:00	John W Yanzuk II	1
07066	Silver	SW-846 6010B	1	121781848002	06/28/2012 01:00	John W Yanzuk II	1
07022	Thallium	SW-846 6010B	1	121781848002	06/28/2012 01:00	John W Yanzuk II	1
07071	Vanadium	SW-846 6010B	1	121781848002	06/28/2012 01:00	John W Yanzuk II	1
07072	Zinc	SW-846 6010B	1	121781848002	06/28/2012 01:00	John W Yanzuk II	1

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

Sample Description: DVE-9-W-120621 Filtered NA Water
Facility# 90260 BTST
21995 Foothill-Hayward T0600100315 DVE-9

LLI Sample # WW 6699087
LLI Group # 1317852
Account # 10991

Project Name: 90260

Collected: 06/21/2012 15:30 by PH

Chevron

6001 Bollinger Canyon Rd L4310

Submitted: 06/22/2012 09:25

San Ramon CA 94583

Reported: 07/11/2012 19:27

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
00259	Mercury	SW-846 7470A	1	121785713001	06/27/2012 10:11	Damary Valentin	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	121781848002	06/27/2012 13:30	James L Mertz	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	121785713001	06/26/2012 14:47	Nelli S Markaryan	1

Sample Description: DVE-12-W-120621 NA Water
Facility# 90260 BTST
21995 Foothill-Hayward T0600100315 DVE-12

LLI Sample # WW 6699088
LLI Group # 1317852
Account # 10991

Project Name: 90260

Collected: 06/21/2012 15:00 by PH

Chevron

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

Submitted: 06/22/2012 09:25

Reported: 07/11/2012 19:27

FBD12

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	
10903	Benzene	71-43-2	360	5	40	10
10903	Bromodichloromethane	75-27-4	N.D.	10	50	10
10903	Bromoform	75-25-2	N.D.	10	50	10
10903	Bromomethane	74-83-9	N.D.	10	50	10
10903	Carbon Tetrachloride	56-23-5	N.D.	10	50	10
10903	Chlorobenzene	108-90-7	N.D.	8	50	10
10903	Chloroethane	75-00-3	N.D.	10	50	10
10903	Chloroform	67-66-3	N.D.	8	50	10
10903	Chloromethane	74-87-3	N.D.	10	50	10
10903	Dibromochloromethane	124-48-1	N.D.	10	50	10
10903	1,2-Dichlorobenzene	95-50-1	N.D.	10	50	10
10903	1,3-Dichlorobenzene	541-73-1	N.D.	10	50	10
10903	1,4-Dichlorobenzene	106-46-7	N.D.	10	50	10
10903	1,1-Dichloroethane	75-34-3	N.D.	10	50	10
10903	1,2-Dichloroethane	107-06-2	N.D.	5	40	10
10903	1,1-Dichloroethene	75-35-4	N.D.	8	50	10
10903	cis-1,2-Dichloroethene	156-59-2	N.D.	8	50	10
10903	trans-1,2-Dichloroethene	156-60-5	N.D.	8	50	10
10903	1,2-Dichloropropane	78-87-5	N.D.	10	50	10
10903	cis-1,3-Dichloropropene	10061-01-5	N.D.	10	50	10
10903	trans-1,3-Dichloropropene	10061-02-6	N.D.	10	50	10
10903	Ethylbenzene	100-41-4	1,700	5	40	10
10903	Freon 113	76-13-1	N.D.	20	100	10
10903	Methyl Tertiary Butyl Ether	1634-04-4	13 J	5	40	10
10903	Methylene Chloride	75-09-2	N.D.	20	50	10
10903	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	10	50	10
10903	Tetrachloroethene	127-18-4	N.D.	8	50	10
10903	Toluene	108-88-3	830	5	40	10
10903	1,1,1-Trichloroethane	71-55-6	N.D.	8	50	10
10903	1,1,2-Trichloroethane	79-00-5	N.D.	8	50	10
10903	Trichloroethene	79-01-6	N.D.	10	50	10
10903	Trichlorofluoromethane	75-69-4	N.D.	20	50	10
10903	Vinyl Chloride	75-01-4	N.D.	10	50	10
10903	m+p-Xylene	179601-23-1	8,000	50	400	100
10903	o-Xylene	95-47-6	2,600	5	40	10
The LCS and/or LCSD recoveries are outside the stated QC window but within the marginal exceedance allowance of +/- 4 standard deviations as defined in the NELAC Standards. The following analytes are accepted based on this allowance: chloromethane.						
GC/MS	Semivolatiles	SW-846 8270C	ug/l	ug/l	ug/l	
07805	Acenaphthene	83-32-9	0.3 J	0.1	0.5	1
07805	Acenaphthylene	208-96-8	N.D.	0.1	0.5	1
07805	Anthracene	120-12-7	N.D.	0.1	0.5	1
07805	Benzo(a)anthracene	56-55-3	N.D.	0.1	0.5	1
07805	Benzo(a)pyrene	50-32-8	0.1 J	0.1	0.5	1
07805	Benzo(b)fluoranthene	205-99-2	N.D.	0.1	0.5	1
07805	Benzo(g,h,i)perylene	191-24-2	N.D.	0.1	0.5	1
07805	Benzo(k)fluoranthene	207-08-9	N.D.	0.1	0.5	1
07805	Chrysene	218-01-9	N.D.	0.1	0.5	1

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

Sample Description: DVE-12-W-120621 NA Water
Facility# 90260 BTST
21995 Foothill-Hayward T0600100315 DVE-12

LLI Sample # WW 6699088
LLI Group # 1317852
Account # 10991

Project Name: 90260

Collected: 06/21/2012 15:00 by PH

Chevron

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

Submitted: 06/22/2012 09:25

Reported: 07/11/2012 19:27

FBD12

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Semivolatiles SW-846 8270C						
07805	Dibenz(a,h)anthracene	53-70-3	N.D.	0.1	0.5	1
07805	Fluoranthene	206-44-0	N.D.	0.1	0.5	1
07805	Fluorene	86-73-7	0.2 J	0.1	0.5	1
07805	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	0.1	0.5	1
07805	Naphthalene	91-20-3	440	1	5	10
07805	Phenanthrene	85-01-8	0.2 J	0.1	0.5	1
07805	Pyrene	129-00-0	0.1 J	0.1	0.5	1
GC Volatiles SW-846 8015B						
01728	TPH-GRO N. CA water C6-C12	n.a.	41,000	1,000	2,000	20
Pesticides/PCBs SW-846 8082						
10227	PCB-1016	12674-11-2	N.D.	0.095	0.48	1
10227	PCB-1221	11104-28-2	N.D.	0.095	0.48	1
10227	PCB-1232	11141-16-5	N.D.	0.19	0.48	1
10227	PCB-1242	53469-21-9	N.D.	0.095	0.48	1
10227	PCB-1248	12672-29-6	N.D.	0.095	0.48	1
10227	PCB-1254	11097-69-1	N.D.	0.095	0.48	1
10227	PCB-1260	11096-82-5	N.D.	0.14	0.48	1
GC Miscellaneous SW-846 8015B modified						
07105	Methane	74-82-8	12,000	500	1,500	100
GC Petroleum SW-846 8015B						
Hydrocarbons w/Si						
06610	TPH-DR0 CA C10-C28 w/ Si Gel	n.a.	3,300	50	110	1
The reverse surrogate, capric acid, is present at <1%.						
GC Petroleum SW-846 8015B modified						
Hydrocarbons w/Si						
10006	Motor Oil C16-C36 w/Si Gel	n.a.	49 J	41	120	1
10006	Total TPH w/Si Gel	n.a.	49 J	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.						
The reverse surrogate, capric acid, is present at <1%.						
Wet Chemistry EPA 300.0						
00368	Nitrate Nitrogen	14797-55-8	N.D.	250	500	5
00228	Sulfate	14808-79-8	4,300 J	1,500	5,000	5
SM20 3500 Fe B modified						
08344	Ferrous Iron	n.a.	14,400	1,000	10,000	100

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

Sample Description: DVE-12-W-120621 NA Water
Facility# 90260 BTST
21995 Foothill-Hayward T0600100315 DVE-12

LLI Sample # WW 6699088
LLI Group # 1317852
Account # 10991

Project Name: 90260

Collected: 06/21/2012 15:00 by PH

Chevron

6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

Submitted: 06/22/2012 09:25

Reported: 07/11/2012 19:27

FBD12

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
10903	VOCs by 8260B - Water	SW-846 8260B	1	W121872AA	07/05/2012 17:55	Emily R Styer	10
10903	VOCs by 8260B - Water	SW-846 8260B	1	W121872AA	07/05/2012 23:24	Emily R Styer	100
01163	GC/MS VOA Water Prep	SW-846 5030B	1	W121872AA	07/05/2012 17:55	Emily R Styer	10
01163	GC/MS VOA Water Prep	SW-846 5030B	2	W121872AA	07/05/2012 23:24	Emily R Styer	100
07805	PAHs 8270C Water	SW-846 8270C	1	12177WAI026	06/27/2012 10:09	Joseph M Gambler	1
07805	PAHs 8270C Water	SW-846 8270C	1	12177WAI026	06/28/2012 06:00	Brian K Graham	10
07807	BNA Water Extraction	SW-846 3510C	1	12177WAI026	06/26/2012 10:40	Denise L Trimby	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	12179A07A	06/29/2012 00:52	Marie D John	20
01146	GC VOA Water Prep	SW-846 5030B	1	12179A07A	06/29/2012 00:52	Marie D John	20
10227	PCBs in Water 8082	SW-846 8082	1	121800007A	06/29/2012 22:49	Jessica L Miller	1
11117	PCB Waters Extraction	SW-846 3510C	1	121800007A	06/28/2012 13:00	Kelli M Barto	1
07105	Volatile Headspace Hydrocarbon	SW-846 8015B modified	1	121840034A	07/04/2012 19:35	Elizabeth J Marin	100
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B	1	121790025A	07/02/2012 16:10	Christine E Dolman	1
10006	TPH Fuels water w/Si Gel	SW-846 8015B modified	1	121750014A	06/26/2012 05:10	Heather E Williams	1
11180	Low Vol Ext(W) w/SG	SW-846 3510C	1	121790025A	06/28/2012 09:10	Catherine R Wiker	1
11195	TPH w/ Silica Gel Waters Ext.	SW-846 3510C	1	121750014A	06/25/2012 10:00	Olivia Arosemena	1
00368	Nitrate Nitrogen	EPA 300.0	1	12175987901B	06/23/2012 16:15	Clinton M Wilson	5
00228	Sulfate	EPA 300.0	1	12175987901B	06/23/2012 16:15	Clinton M Wilson	5
08344	Ferrous Iron	SM20 3500 Fe B modified	1	12178834401A	06/26/2012 23:30	Daniel S Smith	100

Sample Description: DVE-12-W-120621 Filtered NA Water
Facility# 90260 BTST
21995 Foothill-Hayward T0600100315 DVE-12

LLI Sample # WW 6699089
LLI Group # 1317852
Account # 10991

Project Name: 90260

Collected: 06/21/2012 15:00 by PH

Chevron

6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

Submitted: 06/22/2012 09:25

Reported: 07/11/2012 19:27

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
Metals Dissolved		SW-846 6010B	ug/l	ug/l	ug/l	
07044	Antimony	7440-36-0	N.D.	3.5	20.0	1
07035	Arsenic	7440-38-2	281	6.8	20.0	1
07046	Barium	7440-39-3	50.3	0.33	5.0	1
07047	Beryllium	7440-41-7	N.D.	0.67	5.0	1
07049	Cadmium	7440-43-9	N.D.	0.36	5.0	1
07051	Chromium	7440-47-3	1.4 J	1.1	15.0	1
07052	Cobalt	7440-48-4	N.D.	0.66	5.0	1
07053	Copper	7440-50-8	N.D.	2.1	10.0	1
07055	Lead	7439-92-1	N.D.	5.1	15.0	1
07060	Molybdenum	7439-98-7	N.D.	2.9	10.0	1
07061	Nickel	7440-02-0	N.D.	1.1	10.0	1
07036	Selenium	7782-49-2	N.D.	7.5	20.0	1
07066	Silver	7440-22-4	N.D.	1.2	5.0	1
07022	Thallium	7440-28-0	N.D.	5.7	30.0	1
07071	Vanadium	7440-62-2	N.D.	1.3	5.0	1
07072	Zinc	7440-66-6	2.8 J	2.0	20.0	1
		SW-846 7470A	ug/l	ug/l	ug/l	
00259	Mercury	7439-97-6	0.024 J	0.0081	0.20	1

General Sample Comments

State of California Lab Certification No. 2501

This sample was filtered in the lab for dissolved metals.

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
07044	Antimony	SW-846 6010B	1	121781848002	06/28/2012 01:04	John W Yanzuk II	1
07035	Arsenic	SW-846 6010B	1	121781848002	06/28/2012 08:28	Tara L Snyder	1
07046	Barium	SW-846 6010B	1	121781848002	06/28/2012 01:04	John W Yanzuk II	1
07047	Beryllium	SW-846 6010B	1	121781848002	06/28/2012 01:04	John W Yanzuk II	1
07049	Cadmium	SW-846 6010B	1	121781848002	06/28/2012 01:04	John W Yanzuk II	1
07051	Chromium	SW-846 6010B	1	121781848002	06/28/2012 01:04	John W Yanzuk II	1
07052	Cobalt	SW-846 6010B	1	121781848002	06/28/2012 01:04	John W Yanzuk II	1
07053	Copper	SW-846 6010B	1	121781848002	06/28/2012 01:04	John W Yanzuk II	1
07055	Lead	SW-846 6010B	1	121781848002	06/28/2012 08:28	Tara L Snyder	1
07060	Molybdenum	SW-846 6010B	1	121781848002	06/28/2012 01:04	John W Yanzuk II	1
07061	Nickel	SW-846 6010B	1	121781848002	06/28/2012 01:04	John W Yanzuk II	1
07036	Selenium	SW-846 6010B	1	121781848002	06/28/2012 01:04	John W Yanzuk II	1
07066	Silver	SW-846 6010B	1	121781848002	06/28/2012 01:04	John W Yanzuk II	1
07022	Thallium	SW-846 6010B	1	121781848002	06/28/2012 01:04	John W Yanzuk II	1
07071	Vanadium	SW-846 6010B	1	121781848002	06/28/2012 01:04	John W Yanzuk II	1
07072	Zinc	SW-846 6010B	1	121781848002	06/28/2012 01:04	John W Yanzuk II	1

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

Sample Description: DVE-12-W-120621 Filtered NA Water
Facility# 90260 BTST
21995 Foothill-Hayward T0600100315 DVE-12

LLI Sample # WW 6699089
LLI Group # 1317852
Account # 10991

Project Name: 90260

Collected: 06/21/2012 15:00 by PH

Chevron

6001 Bollinger Canyon Rd L4310

Submitted: 06/22/2012 09:25

San Ramon CA 94583

Reported: 07/11/2012 19:27

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
00259	Mercury	SW-846 7470A	1	121785713001	06/27/2012 10:13	Damary Valentin	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	121781848002	06/27/2012 13:30	James L Mertz	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	121785713001	06/26/2012 14:47	Nelli S Markaryan	1

Sample Description: DVE-20-W-120621 NA Water
Facility# 90260 BTST
21995 Foothill-Hayward T0600100315 DVE-20

LLI Sample # WW 6699090
LLI Group # 1317852
Account # 10991

Project Name: 90260

Collected: 06/21/2012 14:20 by PH

Chevron

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

Submitted: 06/22/2012 09:25

Reported: 07/11/2012 19:27

FBD20

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	
10903	Benzene	71-43-2	40 J	10	80	20
10903	Bromodichloromethane	75-27-4	N.D.	20	100	20
10903	Bromoform	75-25-2	N.D.	20	100	20
10903	Bromomethane	74-83-9	N.D.	20	100	20
10903	Carbon Tetrachloride	56-23-5	N.D.	20	100	20
10903	Chlorobenzene	108-90-7	N.D.	16	100	20
10903	Chloroethane	75-00-3	N.D.	20	100	20
10903	Chloroform	67-66-3	N.D.	16	100	20
10903	Chloromethane	74-87-3	N.D.	20	100	20
10903	Dibromochloromethane	124-48-1	N.D.	20	100	20
10903	1,2-Dichlorobenzene	95-50-1	N.D.	20	100	20
10903	1,3-Dichlorobenzene	541-73-1	N.D.	20	100	20
10903	1,4-Dichlorobenzene	106-46-7	N.D.	20	100	20
10903	1,1-Dichloroethane	75-34-3	N.D.	20	100	20
10903	1,2-Dichloroethane	107-06-2	N.D.	10	80	20
10903	1,1-Dichloroethene	75-35-4	N.D.	16	100	20
10903	cis-1,2-Dichloroethene	156-59-2	N.D.	16	100	20
10903	trans-1,2-Dichloroethene	156-60-5	N.D.	16	100	20
10903	1,2-Dichloropropane	78-87-5	N.D.	20	100	20
10903	cis-1,3-Dichloropropene	10061-01-5	N.D.	20	100	20
10903	trans-1,3-Dichloropropene	10061-02-6	N.D.	20	100	20
10903	Ethylbenzene	100-41-4	760	10	80	20
10903	Freon 113	76-13-1	N.D.	40	200	20
10903	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	10	80	20
10903	Methylene Chloride	75-09-2	N.D.	40	100	20
10903	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	20	100	20
10903	Tetrachloroethene	127-18-4	N.D.	16	100	20
10903	Toluene	108-88-3	180	10	80	20
10903	1,1,1-Trichloroethane	71-55-6	N.D.	16	100	20
10903	1,1,2-Trichloroethane	79-00-5	N.D.	16	100	20
10903	Trichloroethene	79-01-6	N.D.	20	100	20
10903	Trichlorofluoromethane	75-69-4	N.D.	40	100	20
10903	Vinyl Chloride	75-01-4	N.D.	20	100	20
10903	m+p-Xylene	179601-23-1	1,700	10	80	20
10903	o-Xylene	95-47-6	500	10	80	20

The LCS and/or LCSD recoveries are outside the stated QC window but within the marginal exceedance allowance of +/- 4 standard deviations as defined in the NELAC Standards. The following analytes are accepted based on this allowance: chloromethane.

GC/MS	Semivolatiles	SW-846 8270C	ug/l	ug/l	ug/l	
07805	Acenaphthene	83-32-9	0.3 J	0.1	0.5	1
07805	Acenaphthylene	208-96-8	0.1 J	0.1	0.5	1
07805	Anthracene	120-12-7	N.D.	0.1	0.5	1
07805	Benzo(a)anthracene	56-55-3	N.D.	0.1	0.5	1
07805	Benzo(a)pyrene	50-32-8	0.1 J	0.1	0.5	1
07805	Benzo(b)fluoranthene	205-99-2	N.D.	0.1	0.5	1
07805	Benzo(g,h,i)perylene	191-24-2	N.D.	0.1	0.5	1
07805	Benzo(k)fluoranthene	207-08-9	N.D.	0.1	0.5	1
07805	Chrysene	218-01-9	N.D.	0.1	0.5	1

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

Sample Description: DVE-20-W-120621 NA Water
Facility# 90260 BTST
21995 Foothill-Hayward T0600100315 DVE-20

LLI Sample # WW 6699090
LLI Group # 1317852
Account # 10991

Project Name: 90260

Collected: 06/21/2012 14:20 by PH

Chevron

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

Submitted: 06/22/2012 09:25

Reported: 07/11/2012 19:27

FBD20

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Semivolatiles SW-846 8270C						
07805	Dibenz(a,h)anthracene	53-70-3	N.D.	0.1	0.5	1
07805	Fluoranthene	206-44-0	N.D.	0.1	0.5	1
07805	Fluorene	86-73-7	0.2 J	0.1	0.5	1
07805	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	0.1	0.5	1
07805	Naphthalene	91-20-3	280	1	5	10
07805	Phenanthrene	85-01-8	0.1 J	0.1	0.5	1
07805	Pyrene	129-00-0	N.D.	0.1	0.5	1
GC Volatiles SW-846 8015B						
01728	TPH-GRO N. CA water C6-C12	n.a.	16,000	250	500	5
Pesticides/PCBs SW-846 8082						
10227	PCB-1016	12674-11-2	N.D.	0.095	0.47	1
10227	PCB-1221	11104-28-2	N.D.	0.095	0.47	1
10227	PCB-1232	11141-16-5	N.D.	0.19	0.47	1
10227	PCB-1242	53469-21-9	N.D.	0.095	0.47	1
10227	PCB-1248	12672-29-6	N.D.	0.095	0.47	1
10227	PCB-1254	11097-69-1	N.D.	0.095	0.47	1
10227	PCB-1260	11096-82-5	N.D.	0.14	0.47	1
GC Miscellaneous SW-846 8015B modified						
07105	Methane	74-82-8	9,700	500	1,500	100
GC Petroleum SW-846 8015B						
Hydrocarbons w/Si						
06610	TPH-DR0 CA C10-C28 w/ Si Gel	n.a.	1,400	50	110	1
The reverse surrogate, capric acid, is present at <1%.						
GC Petroleum SW-846 8015B modified						
Hydrocarbons w/Si						
10006	Motor Oil C16-C36 w/Si Gel	n.a.	160	39	120	1
10006	Total TPH w/Si Gel	n.a.	160	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.						
The reverse surrogate, capric acid, is present at <1%.						
Wet Chemistry EPA 300.0						
00368	Nitrate Nitrogen	14797-55-8	N.D.	250	500	5
00228	Sulfate	14808-79-8	1,800 J	1,500	5,000	5
SM20 3500 Fe B modified						
08344	Ferrous Iron	n.a.	14,400	1,000	10,000	100

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

Sample Description: DVE-20-W-120621 NA Water
Facility# 90260 BTST
21995 Foothill-Hayward T0600100315 DVE-20

LLI Sample # WW 6699090
LLI Group # 1317852
Account # 10991

Project Name: 90260

Collected: 06/21/2012 14:20 by PH

Chevron

6001 Bollinger Canyon Rd L4310

Submitted: 06/22/2012 09:25

San Ramon CA 94583

Reported: 07/11/2012 19:27

FBD20

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
10903	VOCs by 8260B - Water	SW-846 8260B	1	W121872AA	07/05/2012 18:19	Emily R Styer	20
01163	GC/MS VOA Water Prep	SW-846 5030B	1	W121872AA	07/05/2012 18:19	Emily R Styer	20
07805	PAHs 8270C Water	SW-846 8270C	1	12177WAI026	06/27/2012 10:31	Joseph M Gambler	1
07805	PAHs 8270C Water	SW-846 8270C	1	12177WAI026	06/28/2012 06:23	Brian K Graham	10
07807	BNA Water Extraction	SW-846 3510C	1	12177WAI026	06/26/2012 10:40	Denise L Trimby	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	12179A07A	06/29/2012 00:01	Marie D John	5
01146	GC VOA Water Prep	SW-846 5030B	1	12179A07A	06/29/2012 00:01	Marie D John	5
10227	PCBs in Water 8082	SW-846 8082	1	121800007A	06/29/2012 23:04	Jessica L Miller	1
11117	PCB Waters Extraction	SW-846 3510C	1	121800007A	06/28/2012 13:00	Kelli M Barto	1
07105	Volatile Headspace Hydrocarbon	SW-846 8015B modified	1	121840034A	07/04/2012 19:53	Elizabeth J Marin	100
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B	1	121790025A	07/02/2012 16:32	Christine E Dolman	1
10006	TPH Fuels water w/Si Gel	SW-846 8015B modified	1	121750014A	06/26/2012 05:34	Heather E Williams	1
11180	Low Vol Ext(W) w/SG	SW-846 3510C	1	121790025A	06/28/2012 09:10	Catherine R Wiker	1
11195	TPH w/ Silica Gel Waters Ext.	SW-846 3510C	1	121750014A	06/25/2012 10:00	Olivia Arosemena	1
00368	Nitrate Nitrogen	EPA 300.0	1	12175987901B	06/23/2012 15:32	Clinton M Wilson	5
00228	Sulfate	EPA 300.0	1	12175987901B	06/23/2012 15:32	Clinton M Wilson	5
08344	Ferrous Iron	SM20 3500 Fe B modified	1	12178834401A	06/26/2012 23:30	Daniel S Smith	100

Sample Description: DVE-20-W-120621 Filtered NA Water
Facility# 90260 BTST
21995 Foothill-Hayward T0600100315 DVE-20

LLI Sample # WW 6699091
LLI Group # 1317852
Account # 10991

Project Name: 90260

Collected: 06/21/2012 14:20 by PH

Chevron

6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

Submitted: 06/22/2012 09:25

Reported: 07/11/2012 19:27

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
Metals Dissolved		SW-846 6010B	ug/l	ug/l	ug/l	
07044	Antimony	7440-36-0	N.D.	3.5	20.0	1
07035	Arsenic	7440-38-2	233	6.8	20.0	1
07046	Barium	7440-39-3	83.9	0.33	5.0	1
07047	Beryllium	7440-41-7	N.D.	0.67	5.0	1
07049	Cadmium	7440-43-9	N.D.	0.36	5.0	1
07051	Chromium	7440-47-3	N.D.	1.1	15.0	1
07052	Cobalt	7440-48-4	N.D.	0.66	5.0	1
07053	Copper	7440-50-8	N.D.	2.1	10.0	1
07055	Lead	7439-92-1	N.D.	5.1	15.0	1
07060	Molybdenum	7439-98-7	N.D.	2.9	10.0	1
07061	Nickel	7440-02-0	N.D.	1.1	10.0	1
07036	Selenium	7782-49-2	N.D.	7.5	20.0	1
07066	Silver	7440-22-4	N.D.	1.2	5.0	1
07022	Thallium	7440-28-0	N.D.	5.7	30.0	1
07071	Vanadium	7440-62-2	N.D.	1.3	5.0	1
07072	Zinc	7440-66-6	3.6 J	2.0	20.0	1
		SW-846 7470A	ug/l	ug/l	ug/l	
00259	Mercury	7439-97-6	0.026 J	0.0081	0.20	1

General Sample Comments

State of California Lab Certification No. 2501

This sample was filtered in the lab for dissolved metals.

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
07044	Antimony	SW-846 6010B	1	121781848002	06/28/2012 01:08	John W Yanzuk II	1
07035	Arsenic	SW-846 6010B	1	121781848002	06/28/2012 08:33	Tara L Snyder	1
07046	Barium	SW-846 6010B	1	121781848002	06/28/2012 01:08	John W Yanzuk II	1
07047	Beryllium	SW-846 6010B	1	121781848002	06/28/2012 01:08	John W Yanzuk II	1
07049	Cadmium	SW-846 6010B	1	121781848002	06/28/2012 01:08	John W Yanzuk II	1
07051	Chromium	SW-846 6010B	1	121781848002	06/28/2012 01:08	John W Yanzuk II	1
07052	Cobalt	SW-846 6010B	1	121781848002	06/28/2012 01:08	John W Yanzuk II	1
07053	Copper	SW-846 6010B	1	121781848002	06/28/2012 01:08	John W Yanzuk II	1
07055	Lead	SW-846 6010B	1	121781848002	06/28/2012 08:33	Tara L Snyder	1
07060	Molybdenum	SW-846 6010B	1	121781848002	06/28/2012 01:08	John W Yanzuk II	1
07061	Nickel	SW-846 6010B	1	121781848002	06/28/2012 01:08	John W Yanzuk II	1
07036	Selenium	SW-846 6010B	1	121781848002	06/28/2012 01:08	John W Yanzuk II	1
07066	Silver	SW-846 6010B	1	121781848002	06/28/2012 01:08	John W Yanzuk II	1
07022	Thallium	SW-846 6010B	1	121781848002	06/28/2012 01:08	John W Yanzuk II	1
07071	Vanadium	SW-846 6010B	1	121781848002	06/28/2012 01:08	John W Yanzuk II	1
07072	Zinc	SW-846 6010B	1	121781848002	06/28/2012 01:08	John W Yanzuk II	1

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

Sample Description: DVE-20-W-120621 Filtered NA Water
Facility# 90260 BTST
21995 Foothill-Hayward T0600100315 DVE-20

LLI Sample # WW 6699091
LLI Group # 1317852
Account # 10991

Project Name: 90260

Collected: 06/21/2012 14:20 by PH

Chevron

6001 Bollinger Canyon Rd L4310

Submitted: 06/22/2012 09:25

San Ramon CA 94583

Reported: 07/11/2012 19:27

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
00259	Mercury	SW-846 7470A	1	121785713001	06/27/2012 10:14	Damary Valentin	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	121781848002	06/27/2012 13:30	James L Mertz	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	121785713001	06/26/2012 14:47	Nelli S Markaryan	1

Sample Description: QA-T-120621 NA Water
Facility# 90260 BTST
21995 Foothill-Hayward T0600100315 QA

LLI Sample # WW 6699092
LLI Group # 1317852
Account # 10991

Project Name: 90260

Collected: 06/21/2012 08:00

Chevron

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

Submitted: 06/22/2012 09:25

Reported: 07/11/2012 19:27

FBHTB

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

General Sample Comments

State of California Lab Certification No. 2501

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX/MTBE 8260 Water	SW-846 8260B	1	D121821AA	06/30/2012 17:04	Daniel H Heller	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	D121821AA	06/30/2012 17:04	Daniel H Heller	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	12179A07A	06/28/2012 14:02	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	12179A07A	06/28/2012 14:02	Marie D John	1

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

Quality Control Summary

Client Name: Chevron
Reported: 07/11/12 at 07:27 PM

Group Number: 1317852

Matrix QC may not be reported if insufficient sample or 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.

All Inorganic Initial Calibration and Continuing Calibration Blanks met acceptable method criteria unless otherwise noted on the Analysis Report.

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: D121821AA	Sample number(s): 6699092								
Benzene	N.D.	0.5	1	ug/l	104		77-121		
Ethylbenzene	N.D.	0.5	1	ug/l	94		79-120		
Methyl Tertiary Butyl Ether	N.D.	0.5	1	ug/l	95		68-121		
Toluene	N.D.	0.5	1	ug/l	101		79-120		
Xylene (Total)	N.D.	0.5	1	ug/l	97		77-120		
Batch number: W121871AA	Sample number(s): 6699060, 6699062, 6699064, 6699066, 6699068, 6699070, 6699072, 6699074, 6699076, 6699078, 6699080, 6699082, 6699084, 6699086								
Benzene	N.D.	0.5	4	ug/l	101	92	77-121	10	30
Bromodichloromethane	N.D.	1.	5	ug/l	105	96	73-120	9	30
Bromoform	N.D.	1.	5	ug/l	97	90	61-120	7	30
Bromomethane	N.D.	1.	5	ug/l	84	84	44-120	0	30
Carbon Tetrachloride	N.D.	1.	5	ug/l	120	107	67-122	11	30
Chlorobenzene	N.D.	0.8	5	ug/l	103	96	80-120	8	30
Chloroethane	N.D.	1.	5	ug/l	69	73	49-129	4	30
Chloroform	N.D.	0.8	5	ug/l	113	104	77-122	8	30
Chloromethane	N.D.	1.	5	ug/l	59*	59*	60-129	1	30
Dibromochloromethane	N.D.	1.	5	ug/l	105	97	72-120	8	30
1,2-Dichlorobenzene	N.D.	1.	5	ug/l	99	95	80-120	5	30
1,3-Dichlorobenzene	N.D.	1.	5	ug/l	99	92	80-120	7	30
1,4-Dichlorobenzene	N.D.	1.	5	ug/l	100	93	80-120	8	30
1,1-Dichloroethane	N.D.	1.	5	ug/l	105	96	79-120	9	30
1,2-Dichloroethane	N.D.	0.5	4	ug/l	135*	124	64-130	8	30
1,1-Dichloroethene	N.D.	0.8	5	ug/l	92	85	80-120	8	30
cis-1,2-Dichloroethene	N.D.	0.8	5	ug/l	101	93	80-120	8	30
trans-1,2-Dichloroethene	N.D.	0.8	5	ug/l	100	92	80-120	8	30
1,2-Dichloropropane	N.D.	1.	5	ug/l	90	83	80-120	7	30
cis-1,3-Dichloropropene	N.D.	1.	5	ug/l	102	95	78-120	7	30
trans-1,3-Dichloropropene	N.D.	1.	5	ug/l	103	96	79-120	7	30
Ethylbenzene	N.D.	0.5	4	ug/l	102	94	79-120	8	30
Freon 113	N.D.	2.	10	ug/l	107	96	69-128	10	30
Methyl Tertiary Butyl Ether	N.D.	0.5	4	ug/l	111	101	68-121	10	30
Methylene Chloride	N.D.	2.	5	ug/l	94	87	80-126	8	30
1,1,2,2-Tetrachloroethane	N.D.	1.	5	ug/l	96	93	75-123	4	30
Tetrachloroethene	N.D.	0.8	5	ug/l	112	102	79-120	9	30
Toluene	N.D.	0.5	4	ug/l	106	96	79-120	10	30
1,1,1-Trichloroethane	N.D.	0.8	5	ug/l	115	105	70-121	9	30
1,1,2-Trichloroethane	N.D.	0.8	5	ug/l	101	93	80-120	8	30
Trichloroethene	N.D.	1.	5	ug/l	104	95	80-120	9	30
Trichlorofluoromethane	N.D.	2.	5	ug/l	120	121	56-128	1	30
Vinyl Chloride	N.D.	1.	5	ug/l	75	76	56-123	2	30
m+p-Xylene	N.D.	0.5	4	ug/l	100	91	77-120	9	30
o-Xylene	N.D.	0.5	4	ug/l	101	92	77-120	8	30

*- 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: 1317852

Reported: 07/11/12 at 07:27 PM

<u>Analysis Name</u>	<u>Blank Result</u>	<u>Blank MDL**</u>	<u>Blank LOQ</u>	<u>Report Units</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>LCS/LCSD Limits</u>	<u>RPD</u>	<u>RPD Max</u>
Batch number: W121872AA	Sample number(s): 6699082, 6699088, 6699090								
Benzene	N.D.	0.5	4	ug/l	95	97	77-121	2	30
Bromodichloromethane	N.D.	1.	5	ug/l	97	100	73-120	3	30
Bromoform	N.D.	1.	5	ug/l	91	93	61-120	2	30
Bromomethane	N.D.	1.	5	ug/l	77	83	44-120	7	30
Carbon Tetrachloride	N.D.	1.	5	ug/l	105	110	67-122	4	30
Chlorobenzene	N.D.	0.8	5	ug/l	100	102	80-120	1	30
Chloroethane	N.D.	1.	5	ug/l	67	67	49-129	0	30
Chloroform	N.D.	0.8	5	ug/l	103	107	77-122	4	30
Chloromethane	N.D.	1.	5	ug/l	55*	60	60-129	10	30
Dibromochloromethane	N.D.	1.	5	ug/l	99	101	72-120	2	30
1,2-Dichlorobenzene	N.D.	1.	5	ug/l	94	96	80-120	3	30
1,3-Dichlorobenzene	N.D.	1.	5	ug/l	92	94	80-120	2	30
1,4-Dichlorobenzene	N.D.	1.	5	ug/l	91	95	80-120	4	30
1,1-Dichloroethane	N.D.	1.	5	ug/l	98	101	79-120	3	30
1,2-Dichloroethane	N.D.	0.5	4	ug/l	123	128	64-130	4	30
1,1-Dichloroethene	N.D.	0.8	5	ug/l	87	85	80-120	2	30
cis-1,2-Dichloroethene	N.D.	0.8	5	ug/l	94	95	80-120	1	30
trans-1,2-Dichloroethene	N.D.	0.8	5	ug/l	92	97	80-120	5	30
1,2-Dichloropropane	N.D.	1.	5	ug/l	86	89	80-120	4	30
cis-1,3-Dichloropropene	N.D.	1.	5	ug/l	96	100	78-120	4	30
trans-1,3-Dichloropropene	N.D.	1.	5	ug/l	98	102	79-120	3	30
Ethylbenzene	N.D.	0.5	4	ug/l	98	101	79-120	2	30
Freon 113	N.D.	2.	10	ug/l	91	94	69-128	4	30
Methyl Tertiary Butyl Ether	N.D.	0.5	4	ug/l	102	107	68-121	4	30
Methylene Chloride	N.D.	2.	5	ug/l	91	92	80-126	0	30
1,1,2,2-Tetrachloroethane	N.D.	1.	5	ug/l	88	94	75-123	7	30
Tetrachloroethene	N.D.	0.8	5	ug/l	103	104	79-120	2	30
Toluene	N.D.	0.5	4	ug/l	100	101	79-120	0	30
1,1,1-Trichloroethane	N.D.	0.8	5	ug/l	109	113	70-121	3	30
1,1,2-Trichloroethane	N.D.	0.8	5	ug/l	96	98	80-120	3	30
Trichloroethene	N.D.	1.	5	ug/l	98	99	80-120	1	30
Trichlorofluoromethane	N.D.	2.	5	ug/l	107	109	56-128	2	30
Vinyl Chloride	N.D.	1.	5	ug/l	67	71	56-123	7	30
m+p-Xylene	N.D.	0.5	4	ug/l	97	100	77-120	2	30
o-Xylene	N.D.	0.5	4	ug/l	94	98	77-120	4	30

Batch number: 12175WAI026

Sample number(s): 6699060, 6699062, 6699064, 6699066, 6699068, 6699070, 6699072, 6699074, 6699076, 6699078, 6699080, 6699082, 6699084

Acenaphthene	N.D.	0.1	0.5	ug/l	98	98	75-114	0	30
Acenaphthylene	N.D.	0.1	0.5	ug/l	114	115	80-122	1	30
Anthracene	N.D.	0.1	0.5	ug/l	102	103	76-115	1	30
Benzo(a)anthracene	N.D.	0.1	0.5	ug/l	103	106	75-116	3	30
Benzo(a)pyrene	N.D.	0.1	0.5	ug/l	99	101	64-126	2	30
Benzo(b)fluoranthene	N.D.	0.1	0.5	ug/l	94	99	66-125	5	30
Benzo(g,h,i)perylene	N.D.	0.1	0.5	ug/l	105	107	66-132	2	30
Benzo(k)fluoranthene	N.D.	0.1	0.5	ug/l	115	119	66-131	3	30
Chrysene	N.D.	0.1	0.5	ug/l	101	105	76-116	4	30
Dibenz(a,h)anthracene	N.D.	0.1	0.5	ug/l	108	109	67-131	1	30
Fluoranthene	N.D.	0.1	0.5	ug/l	106	111	76-119	4	30
Fluorene	N.D.	0.1	0.5	ug/l	103	105	76-116	1	30
Indeno(1,2,3-cd)pyrene	N.D.	0.1	0.5	ug/l	105	106	69-121	1	30
Naphthalene	N.D.	0.1	0.5	ug/l	93	94	70-111	1	30
Phenanthrene	N.D.	0.1	0.5	ug/l	98	99	76-113	1	30
Pyrene	N.D.	0.1	0.5	ug/l	100	103	75-119	3	30

Batch number: 12177WAI026

Sample number(s): 6699086, 6699088, 6699090

*- 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: 1317852

Reported: 07/11/12 at 07:27 PM

<u>Analysis Name</u>	<u>Blank Result</u>	<u>Blank MDL**</u>	<u>Blank LOQ</u>	<u>Report Units</u>	<u>LCS %REC</u>	<u>LCS D %REC</u>	<u>LCS/LCS D Limits</u>	<u>RPD</u>	<u>RPD Max</u>
Acenaphthene	N.D.	0.1	0.5	ug/l	96	96	75-114	0	30
Acenaphthylene	N.D.	0.1	0.5	ug/l	116	115	80-122	1	30
Anthracene	N.D.	0.1	0.5	ug/l	100	99	76-115	1	30
Benzo(a)anthracene	N.D.	0.1	0.5	ug/l	106	105	75-116	1	30
Benzo(a)pyrene	N.D.	0.1	0.5	ug/l	100	97	64-126	3	30
Benzo(b)fluoranthene	N.D.	0.1	0.5	ug/l	104	102	66-125	2	30
Benzo(g,h,i)perylene	N.D.	0.1	0.5	ug/l	107	102	66-132	5	30
Benzo(k)fluoranthene	N.D.	0.1	0.5	ug/l	107	101	66-131	6	30
Chrysene	N.D.	0.1	0.5	ug/l	100	98	76-116	2	30
Dibenz(a,h)anthracene	N.D.	0.1	0.5	ug/l	110	104	67-131	5	30
Fluoranthene	N.D.	0.1	0.5	ug/l	110	109	76-119	1	30
Fluorene	N.D.	0.1	0.5	ug/l	106	104	76-116	1	30
Indeno(1,2,3-cd)pyrene	N.D.	0.1	0.5	ug/l	109	104	69-121	4	30
Naphthalene	N.D.	0.1	0.5	ug/l	93	93	70-111	1	30
Phenanthrene	N.D.	0.1	0.5	ug/l	97	96	76-113	2	30
Pyrene	N.D.	0.1	0.5	ug/l	99	97	75-119	3	30

Batch number: 12178B07A

Sample number(s):

6699060, 6699062, 6699064, 6699066, 6699068, 6699070, 6699072, 6699074, 6699076, 6699078, 6699080

TPH-GRO N. CA water C6-C12

N.D. 50. 100 ug/l 118 118 75-135 0 30

Batch number: 12179A07A

Sample number(s): 6699082, 6699084, 6699086, 6699088, 6699090, 6699092

TPH-GRO N. CA water C6-C12

N.D. 50. 100 ug/l 127 118 75-135 7 30

Batch number: 121790009A

Sample number(s):

6699060, 6699062, 6699064, 6699066, 6699068, 6699070, 6699072, 6699074, 6699076, 6699078, 6699080, 6699082, 6699084, 6699086

PCB-1016

N.D. 0.10 0.50 ug/l 92 51-128

PCB-1221

N.D. 0.10 0.50 ug/l

PCB-1232

N.D. 0.20 0.50 ug/l

PCB-1242

N.D. 0.10 0.50 ug/l

PCB-1248

N.D. 0.10 0.50 ug/l

PCB-1254

N.D. 0.10 0.50 ug/l

PCB-1260

N.D. 0.15 0.50 ug/l 94 56-135

Batch number: 121800007A

Sample number(s): 6699088, 6699090

PCB-1016

N.D. 0.10 0.50 ug/l 96 96 51-128 0 30

PCB-1221

N.D. 0.10 0.50 ug/l

PCB-1232

N.D. 0.20 0.50 ug/l

PCB-1242

N.D. 0.10 0.50 ug/l

PCB-1248

N.D. 0.10 0.50 ug/l

PCB-1254

N.D. 0.10 0.50 ug/l

PCB-1260

N.D. 0.15 0.50 ug/l 94 94 56-135 0 30

Batch number: 121840034A

Sample number(s):

6699060, 6699062, 6699064, 6699066, 6699068, 6699070, 6699072, 6699074, 6699076, 6699078, 6699080, 6699082, 6699084, 6699086, 6699088, 6699090

Methane

N.D. 5.0 15 ug/l 98 80-120

Batch number: 121750014A

Sample number(s):

6699060, 6699062, 6699064, 6699066, 6699068, 6699070, 6699072, 6699074, 6699076, 6699078, 6699080, 6699082, 6699084, 6699086, 6699088, 6699090

Motor Oil C16-C36 w/Si Gel

N.D. 40. 120 ug/l

Total TPH w/Si Gel

N.D. 40. 120 ug/l 75 79 50-129 5 20

Batch number: 121790025A

Sample number(s):

6699060, 6699062, 6699064, 6699066, 6699068, 6699070, 6699072, 6699074, 6699076, 6699078

*- Outside of specification

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(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: 1317852

Reported: 07/11/12 at 07:27 PM

<u>Analysis Name</u>	<u>Blank Result</u>	<u>Blank MDL**</u>	<u>Blank LOQ</u>	<u>Report Units</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>LCS/LCSD Limits</u>	<u>RPD</u>	<u>RPD Max</u>
TPH-DRO CA C10-C28 w/ Si Gel	N.D.	32.	100	ug/l	69	69	50-118	0	20

Batch number: 121781848002

Sample number(s):

6699061, 6699063, 6699065, 6699067, 6699069, 6699071, 6699073, 6699075, 6699077, 6699079, 6699081, 6699083, 6699085, 6699087, 6699089, 6699091

Antimony	N.D.	3.5	20.0	ug/l	106		88-111		
Arsenic	N.D.	6.8	20.0	ug/l	104		80-120		
Barium	N.D.	0.33	5.0	ug/l	100		90-110		
Beryllium	N.D.	0.67	5.0	ug/l	98		88-110		
Cadmium	N.D.	0.36	5.0	ug/l	105		90-112		
Chromium	N.D.	1.1	15.0	ug/l	102		90-110		
Cobalt	N.D.	0.66	5.0	ug/l	103		90-110		
Copper	N.D.	2.1	10.0	ug/l	103		90-112		
Lead	N.D.	5.1	15.0	ug/l	106		88-110		
Molybdenum	N.D.	2.9	10.0	ug/l	108		90-110		
Nickel	N.D.	1.1	10.0	ug/l	104		90-111		
Selenium	N.D.	7.5	20.0	ug/l	100		80-120		
Silver	N.D.	1.2	5.0	ug/l	104		80-120		
Thallium	N.D.	5.7	30.0	ug/l	109		85-113		
Vanadium	N.D.	1.3	5.0	ug/l	102		90-110		
Zinc	N.D.	2.0	20.0	ug/l	99		90-110		

Batch number: 121785713001

Sample number(s):

6699061, 6699063, 6699065, 6699067, 6699069, 6699071, 6699073, 6699075, 6699077, 6699079, 6699081, 6699083, 6699085, 6699087, 6699089, 6699091

Mercury	0.026 J	0.0081	0.20	ug/l	90		80-120		
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Batch number: 12175987901A

Sample number(s):

6699060, 6699062, 6699064, 6699066, 6699068, 6699070, 6699072, 6699074, 6699076, 6699078

Nitrate Nitrogen	N.D.	50.	100	ug/l	101		90-110		
Sulfate	N.D.	300.	1,000	ug/l	102		90-110		

Batch number: 12175987901B

Sample number(s): 6699080, 6699082, 6699084, 6699086, 6699088, 6699090

Nitrate Nitrogen	N.D.	50.	100	ug/l	101		90-110		
Sulfate	N.D.	300.	1,000	ug/l	102		90-110		

Batch number: 12178834401A

Sample number(s):

6699060, 6699062, 6699064, 6699066, 6699068, 6699070, 6699072, 6699074, 6699076, 6699078, 6699080, 6699082, 6699084, 6699086, 6699088, 6699090

Ferrous Iron	N.D.	10.	100	ug/l	100		93-105		
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Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike

Background (BKG) = the sample used in conjunction with the duplicate

<u>Analysis Name</u>	<u>MS %REC</u>	<u>MSD %REC</u>	<u>MS/MSD Limits</u>	<u>RPD</u>	<u>RPD MAX</u>	<u>BKG Conc</u>	<u>DUP Conc</u>	<u>DUP RPD</u>	<u>Dup RPD Max</u>
Batch number: D121821AA	Sample number(s): 6699092 UNSPK: P698461								
Benzene	99	105	72-134	4	30				
Ethylbenzene	91	97	71-134	4	30				
Methyl Tertiary Butyl Ether	91	91	72-126	0	30				

*- Outside of specification

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(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: Chevron
Reported: 07/11/12 at 07:27 PM

Group Number: 1317852

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
Toluene	96	98	80-125	2	30				
Xylene (Total)	93	97	79-125	4	30				
Batch number: 121790009A	Sample number(s): 6699060, 6699062, 6699064, 6699066, 6699068, 6699070, 6699072, 6699074, 6699076, 6699078, 6699080, 6699082, 6699084, 6699086 UNSPK: P698237								
PCB-1016	17*	17*	48-125	5	30				
PCB-1260	8*	9*	54-127	10	30				
Batch number: 121840034A	Sample number(s): 6699060, 6699062, 6699064, 6699066, 6699068, 6699070, 6699072, 6699074, 6699076, 6699078, 6699080, 6699082, 6699084, 6699086, 6699088, 6699090 UNSPK: 6699060								
Methane	-999 (2)	-999 (2)	35-157	0	20				
Batch number: 121781848002	Sample number(s): 6699061, 6699063, 6699065, 6699067, 6699069, 6699071, 6699073, 6699075, 6699077, 6699079, 6699081, 6699083, 6699085, 6699087, 6699089, 6699091 UNSPK: P700906 BKG: P700906								
Antimony	106	105	87-122	1	20	N.D.	N.D.	0 (1)	20
Arsenic	103	103	81-123	1	20	N.D.	N.D.	0 (1)	20
Barium	100	101	78-118	1	20	51.0	52.2	2	20
Beryllium	98	98	87-114	0	20	N.D.	N.D.	0 (1)	20
Cadmium	104	103	83-116	0	20	N.D.	N.D.	0 (1)	20
Chromium	101	101	81-120	0	20	4.2	3.9	8 (1)	20
Cobalt	102	104	87-112	1	20	1.8	2.0	7 (1)	20
Copper	104	104	86-122	0	20	4.6	4.9	8 (1)	20
Lead	106	106	75-125	0	20	N.D.	N.D.	0 (1)	20
Molybdenum	108	110	89-112	2	20	3.0	N.D.	200* (1)	20
Nickel	102	103	86-115	1	20	15.6	15.4	2 (1)	20
Selenium	100	101	75-125	1	20	N.D.	N.D.	0 (1)	20
Silver	102	103	75-125	1	20	N.D.	N.D.	0 (1)	20
Thallium	109	109	83-116	0	20	N.D.	N.D.	0 (1)	20
Vanadium	101	102	90-111	0	20	4.7	4.9	4 (1)	20
Zinc	99	100	85-117	1	20	47.9	49.2	3 (1)	20
Batch number: 121785713001	Sample number(s): 6699061, 6699063, 6699065, 6699067, 6699069, 6699071, 6699073, 6699075, 6699077, 6699079, 6699081, 6699083, 6699085, 6699087, 6699089, 6699091 UNSPK: 6699075 BKG: 6699075								
Mercury	88	73*	80-120	18	20	0.020	0.024	19 (1)	20
Batch number: 12175987901A	Sample number(s): 6699060, 6699062, 6699064, 6699066, 6699068, 6699070, 6699072, 6699074, 6699076, 6699078 UNSPK: 6699062 BKG: 6699062								
Nitrate Nitrogen	100		90-110			N.D.	N.D.	0 (1)	20
Sulfate	94		90-110			2,100 J	1,900 J	13 (1)	20
Batch number: 12175987901B	Sample number(s): 6699080, 6699082, 6699084, 6699086, 6699088, 6699090 UNSPK: 6699086 BKG: 6699086								
Nitrate Nitrogen	103		90-110			N.D.	N.D.	0 (1)	20
Sulfate	107		90-110			45,400	45,800	1	20
Batch number: 12178834401A	Sample number(s):								

*- Outside of specification

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(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: Chevron

Group Number: 1317852

Reported: 07/11/12 at 07:27 PM

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
Ferrous Iron	93	97	81-112	3	6	14,400	14,600	1 (1)	5

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: D121821AA

Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
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6699092	108	102	97	94
Blank	107	99	96	94
LCS	101	96	96	103
MS	102	98	99	103
MSD	99	97	96	102

Limits:	80-116	77-113	80-113	78-113
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Analysis Name: VOCs by 8260B - Water

Batch number: W121871AA

Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
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6699060	109	100	105	104
6699062	109	101	103	105
6699064	107	102	102	102
6699066	109	105	103	103
6699068	109	103	103	104
6699070	110	101	103	103
6699072	106	102	103	105
6699074	110	104	102	108
6699076	108	101	103	104
6699078	109	104	102	104
6699080	107	102	104	103
6699082	105	93	102	101
6699084	108	101	103	103
6699086	108	101	105	104
Blank	108	101	101	103
LCS	109	99	102	104
LCSD	110	104	103	104

Limits:	80-116	77-113	80-113	78-113
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Analysis Name: VOCs by 8260B - Water

Batch number: W121872AA

Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
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6699088	109	103	105	105
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*- Outside of specification

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Quality Control Summary

Client Name: Chevron
Reported: 07/11/12 at 07:27 PM

Group Number: 1317852

Surrogate Quality Control

6699090	108	100	103	103
Blank	107	104	102	102
LCS	106	101	105	105
LCSD	108	102	105	105

Limits:	80-116	77-113	80-113	78-113
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Analysis Name: PAHs 8270C Water

Batch number: 12175WAI026

	Nitrobenzene-d5	2-Fluorobiphenyl	Terphenyl-d14
6699060	84	80	83
6699062	85	80	85
6699064	94	85	87
6699066	104	96	98
6699068	102	89	95
6699070	97	84	87
6699072	103	92	99
6699074	99	88	92
6699076	94	84	94
6699078	95	88	93
6699080	57	50*	55
6699082	94	84	79
6699084	101	92	92
Blank	90	94	98
LCS	95	98	102
LCSD	95	97	104

Limits:	52-120	63-114	34-118
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Analysis Name: PAHs 8270C Water

Batch number: 12177WAI026

	Nitrobenzene-d5	2-Fluorobiphenyl	Terphenyl-d14
6699086	102	90	100
6699088	106	90	105
6699090	102	94	101
Blank	106	99	108
LCS	104	97	104
LCSD	100	94	100

Limits:	52-120	63-114	34-118
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Analysis Name: TPH-GRO N. CA water C6-C12

Batch number: 12178B07A

Trifluorotoluene-F

6699060	93
6699062	90
6699064	87
6699066	87
6699068	92
6699070	125
6699072	107
6699074	115
6699076	97
6699078	100

*- Outside of specification

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(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: Chevron
Reported: 07/11/12 at 07:27 PM

Group Number: 1317852

Surrogate Quality Control

6699080 100
Blank 89
LCS 99
LCSD 101

Limits: 63-135

Analysis Name: TPH-GRO N. CA water C6-C12
Batch number: 12179A07A
Trifluorotoluene-F

6699082 107
6699084 96
6699086 104
6699088 96
6699090 116
6699092 98
Blank 89
LCS 100
LCSD 99

Limits: 63-135

Analysis Name: PCBs in Water 8082
Batch number: 121790009A

	Tetrachloro-m-xylene	Decachlorobiphenyl
6699060	101	56
6699062	92	52
6699064	114	56
6699066	108	51
6699068	95	68
6699070	103	92
6699072	109	75
6699074	101	60
6699076	101	70
6699078	106	65
6699080	90	84
6699082	85	36
6699084	117	54
6699086	102	74
Blank	98	92
LCS	105	86
MS	25*	6*
MSD	26*	7*

Limits: 55-132 36-153

Analysis Name: PCBs in Water 8082
Batch number: 121800007A

	Tetrachloro-m-xylene	Decachlorobiphenyl
6699088	104	48
6699090	89	52
Blank	110	101
LCS	109	101
LCSD	106	100

*- Outside of specification

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- (2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: Chevron
Reported: 07/11/12 at 07:27 PM

Group Number: 1317852

Surrogate Quality Control

Limits: 55-132 36-153

Analysis Name: TPH Fuels water w/Si Gel

Batch number: 121750014A

Chlorobenzene Orthoterphenyl

6699060	66	82
6699062	48	84
6699064	70	84
6699066	47	56
6699068	71	97
6699070	58	83
6699072	77	84
6699074	85	85
6699076	79	92
6699078	56	70
6699080	11*	107
6699082	52	71
6699084	56	82
6699086	54	75
6699088	46	71
6699090	68	79
Blank	48	72
LCS	64	92
LCSD	58	95

Limits: 28-152 52-131

Analysis Name: TPH-DRO CA C10-C28 w/ Si Gel

Batch number: 121790025A

Orthoterphenyl

6699060	71
6699062	94
6699064	67
6699066	79
6699068	84
6699070	83
6699072	79
6699074	95
6699076	102
6699078	78
6699080	94
6699082	64
6699084	56
6699086	100
6699088	56
6699090	77
Blank	64
LCS	67
LCSD	67

Limits: 50-154

Analysis Name: Volatile Headspace Hydrocarbon

Batch number: 121840034A

*- Outside of specification

** - This limit was used in the evaluation of the final result for the blank

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(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: Chevron
Reported: 07/11/12 at 07:27 PM

Group Number: 1317852

Surrogate Quality Control

Propene

6699060	96
6699062	95
6699064	57
6699066	45
6699068	93
6699070	91
6699072	95
6699074	95
6699076	89
6699078	54
6699080	91
6699082	70
6699084	78
6699086	89
6699088	90
6699090	84
Blank	91
LCS	88
MS	48
MSD	57

Limits: 42-131

*- 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.

COC 1 of 2

09-2.8

Explanation of Symbols and Abbreviations

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

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

Data Qualifiers:

C – result confirmed by reanalysis.

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

U.S. EPA CLP Data Qualifiers:

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

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

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

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

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

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