Alexis Fischer
Project Manager
Marketing Business Unit

Chevron Environmental Management Company
6101 Bollinger Canyon Road
San Ramon, CA 94583
Tel (925) 790-6441
afischer@chevron.com

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

Re: Chevron Service Station No. 91153
3135 Gibbons Drive (3126 Fernside Blvd)
Alameda, CA

I have reviewed the attached report titled *First Quarter 2014 Groundwater Monitoring and Sampling 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,

Alexis Fischer
Project Manager

Attachment: *First Quarter 2014 Groundwater Monitoring and Sampling Report*

CONESTOGA-ROVERS & ASSOCIATES

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

May 29, 2014 Reference No. 311642

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

Re: First Quarter 2014
Groundwater Monitoring and Sampling Report
Former Chevron Service Station 91153
3135 Gibbons Drive (3126 Fernside Boulevard)
Alameda, California
Agency Case RO0000341

Dear Mr. Detterman:

Conestoga-Rovers & Associates (CRA) is submitting this *First Quarter 2014 Groundwater Monitoring and Sampling Report* for the site referenced above (Figure 1) on behalf of Chevron Environmental Management Company (Chevron). Groundwater monitoring was performed by Blaine Tech Services (Blaine Tech) of San Jose, California and their *First Quarter 2014 Monitoring* report is included as Attachment A. Eurofins Lancaster Laboratory Environmental, LLCs' *Analytical Results* report is included as Attachment B. Current and historical groundwater monitoring and sampling data are presented in Table 1. Sorbent sock field measurements are included as Attachment C.

CONESTOGA-ROVERS & ASSOCIATES

May 29, 2014 Reference No. 311642

Please contact Nathan Lee at (925) 849-1003 if you have any questions or require additional information.

Regards,

CONESTOGA-ROVERS & ASSOCIATES

Brandon S. Wilken, PG 7564

NL/aa/32
Encl.

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

cc: Ms. Alexis Fischer, Chevron *(electronic copy)*
Mr. Mark Hom, Property Owner

FIGURES

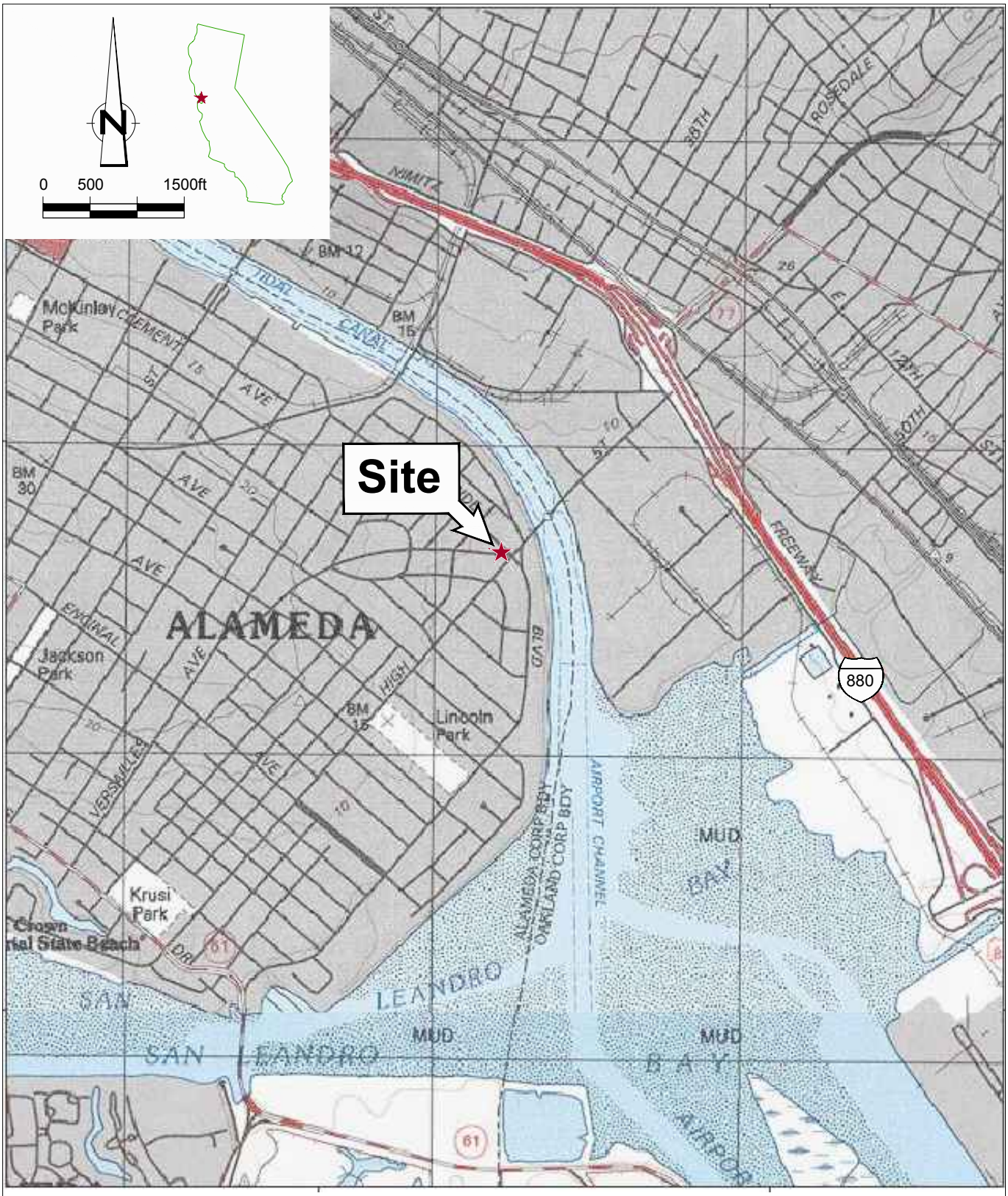

Figure 1

VICINITY MAP
FORMER CHEVRON SERVICE STATION 91153
3135 GIBBONS DRIVE (3126 FERNSIDE BLVD)
Alameda, California

311642-95(032)GN-EM001 MAY 21/2014

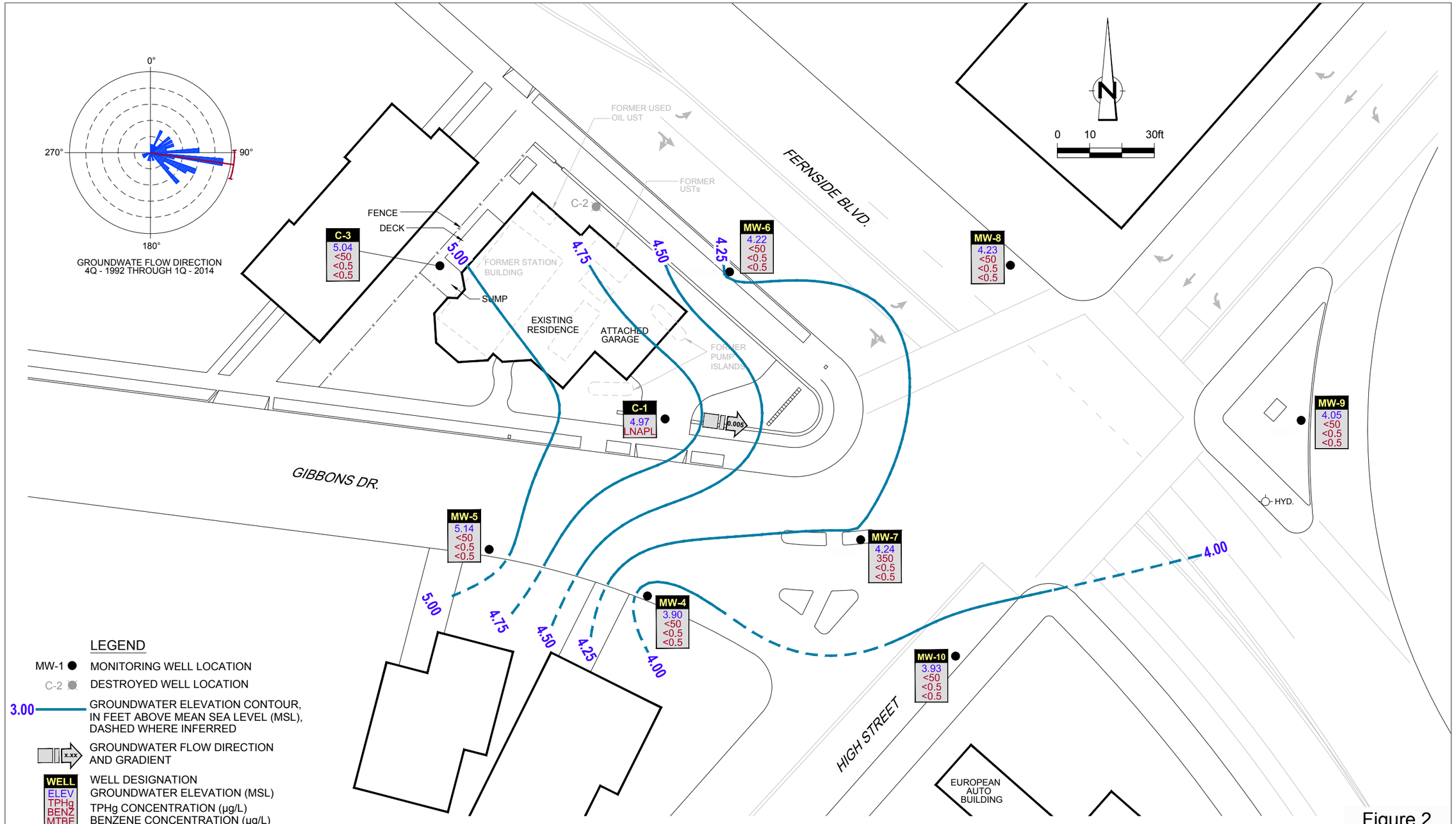

Figure 2

GROUNDWATER ELEVATION AND HYDROCARBON CONCENTRATION MAP
FORMER CHEVRON SERVICE STATION 91153
3135 GIBBONS DRIVE (3126 FERNSIDE BLVD)
Alameda, California
March 31, 2014

311642-95(032)GN-EM002 MAY 21/2014

TABLE

TABLE 1

GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 91153
3135 GIBBONS DRIVE (3126 FERNSIDE BOULEVARD)
ALAMEDA, CALIFORNIA

						FIELD PARAMETERS	*HYDROCARBONS*	*PRIMARY VOCS*				
Location	Date	*TOC*	*DTW*	*GWE*	*LNAPLT*	*Dissolved Oxygen*	*TPH-GRO*	*B*	*T*	*E*	*X*	*MTBE by SW8260*
	Units	*ft*	*ft*	*ft-amsl*	*ft*	*mg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*
q												
C-1	08/18/1986	-	4.10	-	-	-	-	-	-	-	-	-
C-1	09/04/1986	-	-	-	-	-	15,000	760	820	1,500	-	-
C-1	07/22/1987	-	-	-	-	-	1,100	250	7.0	40	-	-
C-1	05/03/1989	-	4.46	-	-	-	6,900	3,800	190	229	-	-
C-1	12/04/1989	-	4.16	-	-	-	17,000	8,000	490	470	-	-
C-1	02/14/1990	-	3.64	-	-	-	19,000	12,000	990	1,050	-	-
C-1	03/07/1990	-	3.36	-	-	-	-	4,260	261	430	-	-
C-1	09/06/1991	-	4.43	-	-	-	21,000	10,000	100	240	560	-
C-1	12/15/1991	-	4.78	-	-	-	20,000	4,900	43	110	330	-
C-1	03/03/1992	-	2.39	-	-	-	13,000	5,800	730	340	1,200	-
C-1	06/04/1992	4.08	4.08	0.00	0.00	-	34,000	9,400	350	290	1,200	-
C-1	10/13/1992	4.08	4.75	-0.67	0.00	-	24,000	11,000	98	280	530	-
C-1	01/11/1993	4.08	2.26	1.82	Sheen	-	7,100	1,500	130	150	700	-
C-1	04/14/1993	4.08	2.90	1.18	Sheen	-	29,000	7,300	4,000	640	2,300	-
C-1	07/13/1993	4.08	3.97	0.11	Sheen	-	650,000	27,000	18,000	6,300	29,000	-
C-1	10/19/1993	4.08	4.50	-0.42	0.00	-	40,000	12,000	730	1,100	3,600	-
C-1	11/30/1993	7.50	4.27	3.23	0.00	-	-	-	-	-	-	-
C-1	01/27/1994	7.50	3.35	4.15	0.00	-	36,000	8,600	220	670	1,900	-
C-1	04/07/1994	7.50	3.42	4.08	0.00	-	53,000	12,000	3,500	480	3,300	-
C-1	07/01/1994	7.50	3.96	3.54	0.00	-	65,000	19,000	5,900	1,000	9,000	-
C-1	10/05/1994	7.50	4.39	3.11	0.00	-	160,000	23,000	12,000	2,200	11,000	-
C-1	01/12/1995	7.50	1.52	6.38	0.50	-	-	-	-	-	-	-
C-1	04/26/1995	7.50	4.40	4.86	2.20	-	-	-	-	-	-	-
C-1	07/12/1995	7.50	4.85	4.10	1.81	-	-	-	-	-	-	-
C-1	10/30/1995	7.50	5.67	3.13	1.63	-	-	-	-	-	-	-

TABLE 1

GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 91153
3135 GIBBONS DRIVE (3126 FERNSIDE BOULEVARD)
ALAMEDA, CALIFORNIA

						FIELD PARAMETERS	*HYDROCARBONS*	*PRIMARY VOCS*				
Location	Date	*TOC*	*DTW*	*GWE*	*LNAPLT*	*Dissolved Oxygen*	*TPH-GRO*	*B*	*T*	*E*	*X*	*MTBE by SW8260*
	Units	*ft*	*ft*	*ft-amsl*	*ft*	*mg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*
q												
C-1	01/04/1996	7.50	3.92	3.68	0.12	-	-	-	-	-	-	-
C-1	01/10/1996	7.50	3.48	4.12	0.13	-	-	-	-	-	-	-
C-1	01/17/1996	7.50	3.40	4.12	0.02	-	-	-	-	-	-	-
C-1	01/22/1996	7.50	2.90	4.60	0.00	-	82,000	18,000	4,400	1,400	5,200	<1,000
C-1	02/23/1996	7.50	4.10	4.89	1.86	-	-	-	-	-	-	-
C-1	02/28/1996	7.50	-	-	0.83 >	-	-	-	-	-	-	-
C-1	03/08/1996	7.50	2.86	6.10	1.83	-	-	-	-	-	-	-
C-1	03/26/1996	7.50	3.96	4.56	1.28	-	-	-	-	-	-	-
C-1	04/11/1996	7.50	5.61	3.29	1.75	-	-	-	-	-	-	-
C-1	04/19/1996	7.50	3.09	4.44	0.04	-	-	-	-	-	-	-
C-1	04/24/1996	7.50	3.04	4.48	0.03	-	-	-	-	-	-	-
C-1	05/03/1996	7.50	4.02	3.85	0.46	-	-	-	-	-	-	-
C-1	05/08/1996	7.50	4.25	3.53	0.35	-	-	-	-	-	-	-
C-1	05/17/1996	7.50	3.24	4.29	0.04	-	-	-	-	-	-	-
C-1	05/22/1996	7.50	3.10	4.46	0.07	-	-	-	-	-	-	-
C-1	06/18/1996	7.50	4.68	3.20	0.48	-	-	-	-	-	-	-
C-1	07/03/1996	7.50	5.03	2.57	0.13	-	-	-	-	-	-	-
C-1	07/09/1996	7.50	4.63	3.05	0.23	-	-	-	-	-	-	-
C-1	07/17/1996	7.50	4.73	2.89	0.15	-	-	-	-	-	-	-
C-1	07/29/1996	7.50	5.10	2.47	0.09	-	-	-	-	-	-	-
C-1	08/02/1996	7.50	5.68	1.84	0.03	-	-	-	-	-	-	-
C-1	08/07/1996	7.50	5.16	2.35	0.01	-	-	-	-	-	-	-
C-1	08/23/1996	7.50	5.75	1.77	0.03	-	-	-	-	-	-	-
C-1	08/28/1996	7.50	5.53	1.99	0.03	-	-	-	-	-	-	-
C-1	09/06/1996	7.50	5.38	2.12	0.00	-	-	-	-	-	-	-

TABLE 1

GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 91153
3135 GIBBONS DRIVE (3126 FERNSIDE BOULEVARD)
ALAMEDA, CALIFORNIA

						FIELD PARAMETERS	*HYDROCARBONS*	*PRIMARY VOCS*				
Location	Date	*TOC*	*DTW*	*GWE*	*LNAPLT*	*Dissolved Oxygen*	*TPH-GRO*	*B*	*T*	*E*	*X*	*MTBE by SW8260*
	Units	*ft*	*ft*	*ft-amsl*	*ft*	*mg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*
q												
C-1	09/12/1996	7.50	5.48	2.04	0.03	-	-	-	-	-	-	-
C-1	09/19/1996	7.50	6.32	1.20	0.03	-	-	-	-	-	-	-
C-1	10/10/1996	7.50	4.58	3.00	0.10	-	-	-	-	-	-	-
C-1	10/17/1996	7.50	5.61	1.90	0.01	-	-	-	-	-	-	-
C-1	10/29/1996	7.50	6.01	1.49	0.00	-	-	-	-	-	-	-
C-1	11/07/1996	7.50	5.56	1.94	0.04	-	-	-	-	-	-	-
C-1	11/11/1996	7.50	5.32	2.18	0.04	-	-	-	-	-	-	-
C-1	12/17/1996	7.50	3.73	3.77	0.01	-	-	-	-	-	-	-
C-1	12/20/1996	7.50	3.33	4.17	0.03	-	-	-	-	-	-	-
C-1	01/15/1997	7.50	2.74	4.76	0.00	-	47,000	16,000	2,800	1,300	4,900	<1,000
C-1	01/22/1997	7.50	1.37	6.13	0.19	-	-	-	-	-	-	-
C-1	02/04/1997	7.50	2.98	4.52	0.51	-	-	-	-	-	-	-
C-1	02/20/1997	7.50	4.09	3.41	0.13	-	-	-	-	-	-	-
C-1	03/06/1997	7.50	3.75	3.75	0.56	-	-	-	-	-	-	-
C-1	03/14/1997	7.50	3.82	3.68	0.03	-	-	-	-	-	-	-
C-1	03/20/1997	7.50	3.73	3.77	0.03	-	-	-	-	-	-	-
C-1	03/25/1997	7.50	4.32	3.18	0.01	-	-	-	-	-	-	-
C-1	03/31/1997	7.50	3.71	3.79	0.03	-	-	-	-	-	-	-
C-1	04/03/1997	7.50	4.60	2.92	0.03	-	-	-	-	-	-	-
C-1	04/09/1997	7.50	4.25	3.27	0.02	-	-	-	-	-	-	-
C-1	04/24/1997	7.50	4.65	2.87	0.02	-	-	-	-	-	-	-
C-1	04/30/1997	7.50	3.50	4.02	0.02	-	-	-	-	-	-	-
C-1	05/22/1997	7.50	4.97	2.53	0.00	-	-	-	-	-	-	-
C-1	06/03/1997	7.50	3.62	3.93	0.06	-	-	-	-	-	-	-
C-1	07/09/1997	7.50	4.30	3.25	0.06	-	-	-	-	-	-	-

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GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 91153
3135 GIBBONS DRIVE (3126 FERNSIDE BOULEVARD)
ALAMEDA, CALIFORNIA

						FIELD PARAMETERS	*HYDROCARBONS*	*PRIMARY VOCS*				
Location	Date	*TOC*	*DTW*	*GWE*	*LNAPLT*	*Dissolved Oxygen*	*TPH-GRO*	*B*	*T*	*E*	*X*	*MTBE by SW8260*
	Units	*ft*	*ft*	*ft-amsl*	*ft*	*mg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*
q												
C-1	08/12/1997	7.50	5.18	2.32	0.00	-	-	-	-	-	-	-
C-1	09/30/1997	7.50	5.25	2.65	0.50	-	-	-	-	-	-	-
C-1	10/29/1997	7.50	5.33	2.19	0.03	-	-	-	-	-	-	-
C-1	11/13/1997	7.50	4.86	2.66	0.02	-	-	-	-	-	-	-
C-1	12/18/1997	7.50	2.34	5.16	0.00	-	-	-	-	-	-	-
C-1	01/14/1998	7.50	0.25	7.27	0.02	-	-	-	-	-	-	-
C-1	02/02/1998	7.50	2.35	5.19	0.05	-	-	-	-	-	-	-
C-1	03/16/1998	7.50	2.50	5.40	0.50	-	-	-	-	-	-	-
C-1	04/17/1998	7.50	2.65	5.17	0.40	-	-	-	-	-	-	-
C-1	05/01/1998	7.50	2.39	5.14	0.04	-	-	-	-	-	-	-
C-1	06/17/1998	7.50	3.26	4.30	0.08	-	-	-	-	-	-	-
C-1	07/15/1998	7.50	3.55	3.95	0.00	-	110,000	22,000	22,000	1,000	10,000	<250
C-1	09/01/1998	7.50	4.00	3.50	0.00	-	-	-	-	-	-	-
C-1	10/27/1998	7.50	4.48	3.02	0.00	-	45,000	12,000	5,400	590	4,300	<500
C-1	11/19/1998	7.50	3.89	3.61	0.00	-	-	-	-	-	-	-
C-1	12/19/1998	7.50	2.13	5.39	0.02	-	-	-	-	-	-	-
C-1	01/20/1999	7.50	3.98	3.52	0.00	-	50,300	7,050	5,030	244	6,090	<40
C-1	02/24/1999	7.50	2.55	4.95	0.00	-	-	-	-	-	-	-
C-1	03/26/1999	7.50	2.14	5.97	0.76	-	-	-	-	-	-	-
C-1	04/19/1999	7.50	1.04	6.46	0.00	-	150,000	21,000	20,000	3,000	18,000	49[2]/<2.5
C-1	07/29/1999	7.50	3.76	3.76	0.02	-	-	-	-	-	-	-
C-1	08/30/1999	7.50	4.30	3.20	0.00	-	-	-	-	-	-	-
C-1	09/23/1999	7.50	3.84	3.68	0.02	-	-	-	-	-	-	-
C-1	10/13/1999	7.50	1.27	6.23	0.00	-	136,000	23,900	30,000	2,390	17,300	<500
C-1	11/17/1999	7.50	3.59	3.91	0.00	-	-	-	-	-	-	-

TABLE 1

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FORMER CHEVRON SERVICE STATION 91153
3135 GIBBONS DRIVE (3126 FERNSIDE BOULEVARD)
ALAMEDA, CALIFORNIA

						FIELD PARAMETERS	*HYDROCARBONS*	*PRIMARY VOCS*				
Location	Date	*TOC*	*DTW*	*GWE*	*LNAPLT*	*Dissolved Oxygen*	*TPH-GRO*	*B*	*T*	*E*	*X*	*MTBE by SW8260*
	Units	*ft*	*ft*	*ft-amsl*	*ft*	*mg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*
q												
C-1	12/08/1999	7.50	3.79	3.71	0.00	-	-	-	-	-	-	-
C-1	01/25/2000	7.50	1.99	5.54	0.04	-	-	-	-	-	-	-
C-1	04/03/2000**	7.50	2.20	5.38	0.10	-	-	-	-	-	-	-
C-1	05/26/2000**	7.50	2.52	5.16	0.23	-	-	-	-	-	-	-
C-1	06/19/2000**	7.50	2.89	4.76	0.19	-	-	-	-	-	-	-
C-1	07/03/2000**	7.50	3.45	4.25	0.25	-	-	-	-	-	-	-
C-1	08/01/2000**	7.50	3.78	3.85	0.16	-	-	-	-	-	-	-
C-1	09/30/2000**	7.50	4.03	3.50	0.04	-	-	-	-	-	-	-
C-1	10/23/2000**	7.50	4.15	3.37	0.03	-	-	-	-	-	-	-
C-1	11/21/2000	7.50	3.42	4.08	0.00	-	-	-	-	-	-	-
C-1	12/22/2000	7.50	2.96	4.54	0.00	-	-	-	-	-	-	-
C-1	01/08/2001	7.50	2.94	4.56	0.00	-	-	-	-	-	-	-
C-1	02/17/2001**	7.50	2.09	5.88	0.59	-	-	-	-	-	-	-
C-1	03/13/2001**	7.50	2.20	5.91	0.76	-	-	-	-	-	-	-
C-1	04/09/2001[18,**]	7.50	2.45	5.26	0.26	-	-	-	-	-	-	-
C-1	05/18/2001**	7.50	2.70	5.27	0.59	-	-	-	-	-	-	-
C-1	06/12/2001**	7.50	3.50	4.78	0.97	-	-	-	-	-	-	-
C-1	07/19/2001**	7.50	4.25	4.01	0.95	-	-	-	-	-	-	-
C-1	08/23/2001[18,**]	7.50	4.34	3.22	0.07	-	-	-	-	-	-	-
C-1	09/17/2001**	7.50	4.39	3.17	0.08	-	-	-	-	-	-	-
C-1	10/08/2001**	7.50	4.45	3.08	0.04	-	-	-	-	-	-	-
C-1	11/27/2001	7.50	3.89	3.61	0.00	-	330,000	9,800	5,300	3,800	22,000	<50
C-1	12/17/2001	7.50	1.81	5.69	0.00	-	-	-	-	-	-	-
C-1	01/07/2002**	7.50	2.27	5.64	0.51	-	-	-	-	-	-	-
C-1	02/26/2002[18,**]	7.50	2.70	5.22	0.52	-	-	-	-	-	-	-

TABLE 1

GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 91153
3135 GIBBONS DRIVE (3126 FERNSIDE BOULEVARD)
ALAMEDA, CALIFORNIA

						FIELD PARAMETERS	*HYDROCARBONS*	*PRIMARY VOCS*				
Location	Date	*TOC*	*DTW*	*GWE*	*LNAPLT*	*Dissolved Oxygen*	*TPH-GRO*	*B*	*T*	*E*	*X*	*MTBE by SW8260*
	Units	*ft*	*ft*	*ft-amsl*	*ft*	*mg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*
q												
C-1	03/27/2002[**]	7.50	2.87	5.47	1.05	-	-	-	-	-	-	-
C-1	04/08/2002[**]	7.50	2.45	6.03	1.23	-	-	-	-	-	-	-
C-1	05/23/2002[18,**]	7.50	3.57	4.35	0.52	-	-	-	-	-	-	-
C-1	06/17/2002[**]	7.50	3.90	3.88	0.35	-	-	-	-	-	-	-
C-1	07/31/2002[**]	7.50	4.12	3.54	0.20	-	-	-	-	-	-	-
C-1	08/09/2002[18,**]	7.50	4.15	3.48	0.16	-	-	-	-	-	-	-
C-1	09/17/2002[**]	7.50	4.33	3.27	0.12	-	-	-	-	-	-	-
C-1	10/15/2002[**]	7.50	4.51	3.11	0.15	-	-	-	-	-	-	-
C-1	11/08/2002	7.50	4.11	3.39	0.00	-	51,000	7,000	510	820	5,800	<3.0
C-1	12/19/2002	7.50	1.14	6.36	0.00	-	-	-	-	-	-	-
C-1	01/14/2003	7.50	1.80	5.70	0.00	-	-	-	-	-	-	-
C-1	02/07/2003[18,**]	7.50	2.95	4.79	0.30	-	-	-	-	-	-	-
C-1	03/20/2003[**]	7.50	2.86	4.97	0.41	-	-	-	-	-	-	-
C-1	04/15/2003[**]	7.50	2.12	5.46	0.10	-	-	-	-	-	-	-
C-1	05/09/2003[18,**]	7.50	2.95	5.11	0.70	-	-	-	-	-	-	-
C-1	06/27/2003[**]	7.50	3.97	3.93	0.50	-	-	-	-	-	-	-
C-1	07/16/2003[**]	7.50	3.68	4.04	0.28	-	-	-	-	-	-	-
C-1	08/15/2003[18,**]	7.50	4.29	3.39	0.22	-	-	-	-	-	-	-
C-1	09/26/2003[**]	7.50	4.60	3.05	0.19	-	-	-	-	-	-	-
C-1	10/18/2003[**]	7.50	4.72	2.90	0.15	-	-	-	-	-	-	-
C-1	11/14/2003[18,**]	7.50	4.31	3.35	0.20	-	-	-	-	-	-	-
C-1	12/23/2003	7.50	1.81	5.69	0.00	-	-	-	-	-	-	-
C-1	01/22/2004[**]	7.50	4.19	3.32	0.01	-	-	-	-	-	-	-
C-1	02/13/2004[18,**]	7.50	3.04	4.49	0.04	-	-	-	-	-	-	-
C-1	03/11/2004[**]	7.50	1.85	5.97	0.40	-	-	-	-	-	-	-

TABLE 1

GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 91153
3135 GIBBONS DRIVE (3126 FERNSIDE BOULEVARD)
ALAMEDA, CALIFORNIA

						FIELD PARAMETERS	*HYDROCARBONS*	*PRIMARY VOCS*				
Location	Date	*TOC*	*DTW*	*GWE*	*LNAPLT*	*Dissolved Oxygen*	*TPH-GRO*	*B*	*T*	*E*	*X*	*MTBE by SW8260*
	Units	*ft*	*ft*	*ft-amsl*	*ft*	*mg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*
q												
C-1	04/22/2004**	7.50	3.08	4.60	0.22	-	-	-	-	-	-	-
C-1	05/14/2004[18,**]	7.50	3.49	4.03	0.03	-	-	-	-	-	-	-
C-1	06/18/2004**	7.50	3.41	4.19	0.13	-	-	-	-	-	-	-
C-1	07/23/2004**	7.50	3.28	4.31	0.11	-	-	-	-	-	-	-
C-1	08/13/2004[18,**]	7.50	3.14	4.40	0.05	-	-	-	-	-	-	-
C-1	09/13/2004**	7.50	4.53	3.04	0.09	-	-	-	-	-	-	-
C-1	10/22/2004**	7.50	3.19	4.33	0.03	-	-	-	-	-	-	-
C-1	11/12/2004[18,**]	7.50	3.22	4.30	0.03	-	-	-	-	-	-	-
C-1	12/02/2004**	7.50	3.28	4.24	0.02	-	-	-	-	-	-	-
C-1	01/28/2005**	7.50	3.19	4.32	0.01	-	-	-	-	-	-	-
C-1	02/11/2005[18,**]	7.50	2.75	4.78	0.04	-	-	-	-	-	-	-
C-1	03/11/2005**	7.50	2.94	4.58	0.03	-	-	-	-	-	-	-
C-1	04/26/2005**	7.50	3.03	4.49	0.02	-	-	-	-	-	-	-
C-1	05/13/2005[18,**]	7.50	3.18	4.34	0.02	-	-	-	-	-	-	-
C-1	06/01/2005**	7.50	3.22	4.30	0.02	-	-	-	-	-	-	-
C-1	07/15/2005**	7.50	3.09	4.43	0.02	-	-	-	-	-	-	-
C-1	08/19/2005[18,**]	7.50	2.88	4.64	0.03	-	-	-	-	-	-	-
C-1	09/23/2005**	7.50	2.95	4.57	0.02	-	-	-	-	-	-	-
C-1	10/14/2005**	7.50	3.01	4.50	0.01	-	-	-	-	-	-	-
C-1	11/18/2005[18,**]	7.50	3.21	4.31	0.02	-	-	-	-	-	-	-
C-1	12/09/2005**	7.50	3.61	3.90	0.01	-	-	-	-	-	-	-
C-1	01/12/2006**	7.50	2.98	4.53	0.01	-	-	-	-	-	-	-
C-1	02/10/2006[15,**]	7.50	2.69	4.82	0.01	-	100,000	11,000	2,500	2,900	15,000	<10
C-1	03/13/2006**	7.50	2.81	4.70	0.01	-	-	-	-	-	-	-
C-1	04/13/2006**	7.50	2.75	4.76	0.01	-	-	-	-	-	-	-

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GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 91153
3135 GIBBONS DRIVE (3126 FERNSIDE BOULEVARD)
ALAMEDA, CALIFORNIA

						FIELD PARAMETERS	*HYDROCARBONS*	*PRIMARY VOCS*				
Location	Date	*TOC*	*DTW*	*GWE*	*LNAPLT*	*Dissolved Oxygen*	*TPH-GRO*	*B*	*T*	*E*	*X*	*MTBE by SW8260*
	Units	*ft*	*ft*	*ft-amsl*	*ft*	*mg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*
q												
C-1	05/12/2006[18,**]	7.50	3.02	4.49	0.01	-	-	-	-	-	-	-
C-1	06/12/2006[**]	7.50	3.10	4.41	0.01	-	-	-	-	-	-	-
C-1	07/13/2006[**]	7.50	3.14	4.38	0.02	-	-	-	-	-	-	-
C-1	08/11/2006[15,**]	7.50	3.70	3.81	0.01	-	200,000	8,600	470	1,700	8,800	<10
C-1	09/11/2006[**]	7.50	3.75	3.77	0.02	-	-	-	-	-	-	-
C-1	10/17/2006[**]	7.50	3.82	3.69	0.01	-	-	-	-	-	-	-
C-1	11/17/2006[18,**]	7.50	3.11	4.41	0.03	-	-	-	-	-	-	-
C-1	12/15/2006[**]	7.50	2.95	4.57	0.02	-	-	-	-	-	-	-
C-1	01/16/2007[**]	7.50	2.98	4.54	0.02	-	-	-	-	-	-	-
C-1	02/16/2007[15]	7.50	2.77	4.73	0.00	-	25,000	4,300	260	310	3,300	<5
C-1	03/16/2007[**]	7.50	3.07	4.44	0.01	-	-	-	-	-	-	-
C-1	04/17/2007[**]	7.50	2.98	4.53	0.01	-	-	-	-	-	-	-
C-1	05/17/2007[15,**]	7.50	3.05	4.46	0.01	-	110,000[16]	12,000[16]	1,000[16]	2,000[16]	15,000[16]	<5
C-1	06/15/2007[**]	7.50	3.08	4.43	0.01	-	-	-	-	-	-	-
C-1	07/17/2007[**]	7.50	3.13	4.38	0.01	-	-	-	-	-	-	-
C-1	08/09/2007[18,**]	7.50	3.24	4.28	0.02	-	-	-	-	-	-	-
C-1	09/14/2007[**]	7.50	3.16	4.35	0.01	-	-	-	-	-	-	-
C-1	10/16/2007[**]	7.50	3.04	4.47	0.01	-	-	-	-	-	-	-
C-1	11/08/2007[15,**]	7.50	3.11	4.40	0.01	-	150,000	13,000	570	1,800	10,000	<13
C-1	12/07/2007[**]	7.50	2.98	4.54	0.03	-	-	-	-	-	-	-
C-1	01/16/2008[**]	7.50	2.95	4.57	0.02	-	-	-	-	-	-	-
C-1	02/06/2008[15,**]	7.50	2.61	4.90	0.01	-	110,000	13,000	500	5,300	21,000	<10
C-1	03/07/2008[**]	7.50	2.87	4.65	0.02	-	-	-	-	-	-	-
C-1	04/16/2008[**]	7.50	3.06	4.46	0.02	-	-	-	-	-	-	-
C-1	05/07/2008[18,**]	7.50	2.98	4.54	0.03	-	-	-	-	-	-	-

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GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 91153
3135 GIBBONS DRIVE (3126 FERNSIDE BOULEVARD)
ALAMEDA, CALIFORNIA

						FIELD PARAMETERS	*HYDROCARBONS*	*PRIMARY VOCS*				
Location	Date	*TOC*	*DTW*	*GWE*	*LNAPLT*	*Dissolved Oxygen*	*TPH-GRO*	*B*	*T*	*E*	*X*	*MTBE by SW8260*
	Units	*ft*	*ft*	*ft-amsl*	*ft*	*mg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*
q												
C-1	06/06/2008**	7.50	3.02	4.50	0.02	-	-	-	-	-	-	-
C-1	07/16/2008**	7.50	3.12	4.40	0.02	-	-	-	-	-	-	-
C-1	09/05/2008**	7.50	3.97	3.75	0.28	-	-	-	-	-	-	-
C-1	09/11/2008[18,**]	7.50	4.22	3.61	0.41	-	-	-	-	-	-	-
C-1	10/17/2008**	7.50	4.16	3.60	0.33	-	-	-	-	-	-	-
C-1	11/10/2008[18,**]	7.50	4.05	3.54	0.11	-	-	-	-	-	-	-
C-1	12/15/2008**	7.50	3.85	3.69	0.05	-	-	-	-	-	-	-
C-1	01/21/2009**	7.50	3.91	3.62	0.04	-	-	-	-	-	-	-
C-1	02/09/2009[15,**]	7.50	3.72	3.79	0.01	-	53,000	3,100	66	660	3,700	<1
C-1	05/28/2009	7.50	3.48	4.02	0.02	-	-	-	-	-	-	-
C-1	08/18/2009	7.50	4.40	3.10	0.02	-	-	-	-	-	-	-
C-1	11/17/2009	7.50	4.21	3.29	0.03	-	-	-	-	-	-	-
C-1	03/31/2010	7.50	2.07	5.46	0.04	-	-	-	-	-	-	-
C-1	05/17/2010	7.50	2.87	4.83	0.25	-	-	-	-	-	-	-
C-1	08/26/2010[18]	7.50	4.03	3.50	0.04	-	-	-	-	-	-	-
C-1	11/11/2010[18,**]	7.50	3.82	3.70	0.03	-	-	-	-	-	-	-
C-1	03/02/2011[18,**]	7.50	1.12	6.41	0.04	-	-	-	-	-	-	-
C-1	06/17/2011[18,**]	7.50	3.00	4.51	0.01	-	-	-	-	-	-	-
C-1	09/08/2011[18,**]	7.50	3.60	3.92	0.02	-	-	-	-	-	-	-
C-1	12/29/2011[18,**]	7.50	4.14	3.37	0.01	-	-	-	-	-	-	-
C-1	03/28/2012[18,**]	7.50	1.01	6.52	0.04	-	-	-	-	-	-	-
C-1	05/31/2012[18,**]	7.50	2.96	4.56	0.02	-	-	-	-	-	-	-
C-1	09/28/2012	7.50	4.50	3.00	0.00	-	48,000	8,600	81	1,800	3,300	<5
C-1	12/21/2012[18,**]	7.50	2.20	5.32	0.02	-	-	-	-	-	-	-
C-1	03/29/2013[18, **]	7.50	3.20	4.33	0.04	-	-	-	-	-	-	-

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GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 91153
3135 GIBBONS DRIVE (3126 FERNSIDE BOULEVARD)
ALAMEDA, CALIFORNIA

						FIELD PARAMETERS	*HYDROCARBONS*	*PRIMARY VOCS*				
Location	Date	*TOC*	*DTW*	*GWE*	*LNAPLT*	*Dissolved Oxygen*	*TPH-GRO*	*B*	*T*	*E*	*X*	*MTBE by SW8260*
	Units	*ft*	*ft*	*ft-amsl*	*ft*	*mg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*
q												
C-1	06/28/2013[18, **]	7.50	3.90	3.61	0.01	-	-	-	-	-	-	-
C-1	09/20/2013[18, **]	7.50	4.73	2.79	0.02	-	-	-	-	-	-	-
C-1	12/30/2013[18, **]	7.50	4.41	3.10	0.01	-	-	-	-	-	-	-
C-1	**03/31/2014[18,**]**	**7.50**	**2.55**	**4.97**	**0.02**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
C-3	08/18/1986	-	4.00	-	-	-	-	-	-	-	-	-
C-3	09/04/1986	-	-	-	-	-	50	3.2	5.4	5.8	-	-
C-3	07/22/1987	-	-	-	-	-	<50	<0.5	<1.0	<4.0	-	-
C-3	05/03/1989	-	4.15	-	-	-	<50	<0.5	<1.0	<2.0	-	-
C-3	12/04/1989	-	4.24	-	-	-	<250	<0.5	<0.5	<0.5	-	-
C-3	02/14/1990	-	3.57	-	-	-	<50	<0.5	<0.5	<0.5	-	-
C-3	03/07/1990	-	3.31	-	-	-	-	<5.0	<5.0	<5.0	-	-
C-3	09/06/1991	-	4.59	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-
C-3	12/15/1991	-	4.84	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-
C-3	03/03/1992	-	2.17	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-
C-3	06/04/1992	4.41	4.01	0.40	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	-
C-3	10/13/1992	4.41	4.79	-0.38	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	-
C-3	01/11/1993	4.41	2.01	2.40	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	-
C-3	04/14/1993	4.41	2.76	1.65	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	-
C-3	07/13/1993	4.41	3.96	0.45	0.00	-	<50	<0.5	<0.5	<0.5	<1.5	-
C-3	10/19/1993	4.41	4.53	-0.12	0.00	-	66	12	1.4	1.0	8.4	-
C-3	11/30/1993	7.83	4.04	3.79	0.00	-	-	-	-	-	-	-
C-3	01/27/1994	7.83	3.17	4.66	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	-
C-3	04/07/1994	7.83	3.20	4.63	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	-
C-3	07/01/1994	7.83	3.99	3.84	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	-

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GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 91153
3135 GIBBONS DRIVE (3126 FERNSIDE BOULEVARD)
ALAMEDA, CALIFORNIA

						FIELD PARAMETERS	*HYDROCARBONS*	*PRIMARY VOCS*				
Location	Date	*TOC*	*DTW*	*GWE*	*LNAPLT*	*Dissolved Oxygen*	*TPH-GRO*	*B*	*T*	*E*	*X*	*MTBE by SW8260*
	Units	*ft*	*ft*	*ft-amsl*	*ft*	*mg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*
q												
C-3	10/05/1994	7.83	4.54	3.29	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	-
C-3	01/12/1995	7.83	0.80	7.03	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	-
C-3	05/02/1995	7.83	2.15	5.68	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	-
C-3	07/12/1995	7.83	3.42	4.41	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	-
C-3	10/30/1995	7.83	4.46	3.37	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5
C-3	01/22/1996	7.83	1.73	6.10	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5
C-3	04/24/1996	7.83	2.62	5.21	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5
C-3	07/29/1996	7.83	3.94	3.89	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5
C-3	10/10/1996	7.83	4.06	3.77	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5
C-3	01/15/1997	7.83	1.54	6.29	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5
C-3	04/03/1997	7.83	3.23	4.60	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5
C-3	07/09/1997	7.83	4.36	3.47	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5
C-3	10/29/1997	7.83	4.65	3.18	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5
C-3	01/14/1998	7.83	0.77	7.06	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5
C-3	07/15/1998	7.83	3.72	4.11	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5
C-3	01/20/1999	7.83	2.65	5.18	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<2.0
C-3	04/19/1999	7.83	1.78	6.05	0.00	-	-	-	-	-	-	-
C-3	04/03/2000[19]	7.83	-	-	-	-	-	-	-	-	-	-
C-3	07/03/2000	7.83	-	-	-	-	-	-	-	-	-	-
C-3	10/23/2000	7.83	-	-	-	-	-	-	-	-	-	-
C-3	01/08/2001[11]	7.83	3.71	4.12	0.00	-	<50	<0.50	<0.50	<0.50	<0.50	<2.5
C-3	04/09/2001	7.83	-	-	-	-	-	-	-	-	-	-
C-3	08/23/2001[19]	7.83	-	-	-	-	-	-	-	-	-	-
C-3	11/27/2001[19]	7.83	-	-	-	-	-	-	-	-	-	-
C-3	02/26/2002	7.83	2.38	5.45	0.00	-	<50	<0.50	<0.50	<0.50	<1.5	<2.5

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FORMER CHEVRON SERVICE STATION 91153
3135 GIBBONS DRIVE (3126 FERNSIDE BOULEVARD)
ALAMEDA, CALIFORNIA

						FIELD PARAMETERS	*HYDROCARBONS*	*PRIMARY VOCS*				
Location	Date	*TOC*	*DTW*	*GWE*	*LNAPLT*	*Dissolved Oxygen*	*TPH-GRO*	*B*	*T*	*E*	*X*	*MTBE by SW8260*
	Units	*ft*	*ft*	*ft-amsl*	*ft*	*mg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*
q												
C-3	05/23/2002[19]	7.83	-	-	-	-	-	-	-	-	-	-
C-3	08/09/2002[19]	7.83	-	-	-	-	-	-	-	-	-	-
C-3	11/08/2002[19]	7.83	-	-	-	-	-	-	-	-	-	-
C-3	02/07/2003	7.83	2.73	5.10	0.00	-	<50	<0.50	<0.50	<0.50	<1.5	<2.5
C-3	05/09/2003[19]	7.83	-	-	-	-	-	-	-	-	-	-
C-3	08/15/2003[19]	7.83	-	-	-	-	-	-	-	-	-	-
C-3	11/14/2003[19]	7.83	-	-	-	-	-	-	-	-	-	-
C-3	02/13/2004[15]	7.83	2.81	5.02	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
C-3	05/14/2004[19]	7.83	-	-	-	-	-	-	-	-	-	-
C-3	11/12/2004[19]	7.83	-	-	-	-	-	-	-	-	-	-
C-3	02/11/2005[15]	7.83	2.58	5.25	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
C-3	05/13/2005[19]	7.83	-	-	-	-	-	-	-	-	-	-
C-3	08/19/2005[19]	7.83	-	-	-	-	-	-	-	-	-	-
C-3	11/18/2005[19]	7.83	-	-	-	-	-	-	-	-	-	-
C-3	02/10/2006[15]	7.83	2.52	5.31	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
C-3	05/12/2006[19]	7.83	-	-	-	-	-	-	-	-	-	-
C-3	08/11/2006[19]	7.83	-	-	-	-	-	-	-	-	-	-
C-3	11/17/2006[19]	7.83	-	-	-	-	-	-	-	-	-	-
C-3	02/16/2007[15]	7.83	2.63	5.20	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
C-3	05/17/2007[19]	7.83	-	-	-	-	-	-	-	-	-	-
C-3	08/09/2007[19]	7.83	-	-	-	-	-	-	-	-	-	-
C-3	11/08/2007[19]	7.83	-	-	-	-	-	-	-	-	-	-
C-3	02/06/2008[15]	7.83	2.91	4.92	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
C-3	05/07/2008[19]	7.83	-	-	-	-	-	-	-	-	-	-
C-3	09/11/2008[19]	7.83	-	-	-	-	-	-	-	-	-	-

TABLE 1

GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 91153
3135 GIBBONS DRIVE (3126 FERNSIDE BOULEVARD)
ALAMEDA, CALIFORNIA

						FIELD PARAMETERS	*HYDROCARBONS*	*PRIMARY VOCS*				
Location	Date	*TOC*	*DTW*	*GWE*	*LNAPLT*	*Dissolved Oxygen*	*TPH-GRO*	*B*	*T*	*E*	*X*	*MTBE by SW8260*
	Units	*ft*	*ft*	*ft-amsl*	*ft*	*mg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*
q												
C-3	11/10/2008[19]	7.83	-	-	-	-	-	-	-	-	-	-
C-3	02/09/2009[15]	7.83	2.95	4.88	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
C-3	03/31/2010	7.83	2.22	5.61	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
C-3	05/17/2010	7.83	3.07	4.76	0.00	-	-	-	-	-	-	-
C-3	08/26/2010[19]	7.83	4.29	3.54	0.00	-	-	-	-	-	-	-
C-3	11/11/2010[19]	7.83	4.48	3.35	0.00	-	-	-	-	-	-	-
C-3	03/02/2011[19]	7.83	1.45	6.38	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
C-3	06/17/2011[19]	7.83	3.24	4.59	0.00	-	-	-	-	-	-	-
C-3	09/08/2011[19]	7.83	4.02	3.81	0.00	-	-	-	-	-	-	-
C-3	12/29/2011[19]	7.83	4.42	3.41	0.00	-	-	-	-	-	-	-
C-3	03/28/2012	7.83	0.94	6.89	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
C-3	05/31/2012[19]	7.83	3.40	4.43	0.00	-	-	-	-	-	-	-
C-3	09/28/2012[19]	7.83	4.72	3.11	0.00	-	-	-	-	-	-	-
C-3	12/21/2012[19]	7.83	2.41	5.42	0.00	-	-	-	-	-	-	-
C-3	03/29/2013	7.83	3.45	4.38	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
C-3	06/28/2013	7.83	4.29	3.54	0.00	-	-	-	-	-	-	-
C-3	09/20/2013	7.83	4.81	3.02	0.00	-	-	-	-	-	-	-
C-3	12/30/2013	7.83	4.79	3.04	0.00	-	-	-	-	-	-	-
C-3	**03/31/2014**	**7.83**	**2.79**	**5.04**	**0.00**	**-**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**
MW-4	06/04/1992	3.58	3.63	-0.05	0.00	-	<50	0.8	<0.5	<0.5	<0.5	-
MW-4	10/13/1992	3.58	-	-	-	-	-	-	-	-	-	-
MW-4	01/11/1993	3.58	1.89	1.69	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	-
MW-4	04/14/1993	3.58	2.20	1.38	0.00	-	<50	<0.5	<0.5	<0.5	<1.5	-
MW-4	07/13/1993	3.58	3.51	0.07	0.00	-	54	2.6	1.6	<0.5	<1.5	-

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GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 91153
3135 GIBBONS DRIVE (3126 FERNSIDE BOULEVARD)
ALAMEDA, CALIFORNIA

						FIELD PARAMETERS	*HYDROCARBONS*	*PRIMARY VOCS*				
Location	Date	*TOC*	*DTW*	*GWE*	*LNAPLT*	*Dissolved Oxygen*	*TPH-GRO*	*B*	*T*	*E*	*X*	*MTBE by SW8260*
	Units	*ft*	*ft*	*ft-amsl*	*ft*	*mg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*
q												
MW-4	10/19/1993	3.58	4.22	-0.64	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	-
MW-4	11/30/1993	7.01	4.01	3.00	0.00	-	-	-	-	-	-	-
MW-4	01/27/1994	7.01	2.89	4.12	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	-
MW-4	04/07/1994	7.01	3.06	3.95	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	-
MW-4	07/01/1994	7.01	3.59	3.42	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	-
MW-4	10/05/1994	7.01	4.33	2.68	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	-
MW-4	01/12/1995	7.01	1.20	5.81	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	-
MW-4	04/26/1995	7.01	1.15	5.86	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	-
MW-4	07/12/1995	7.01	2.72	4.29	0.00	-	<50	6.4	<0.5	0.63	0.72	-
MW-4	10/30/1995	7.01	4.08	2.93	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5
MW-4	01/22/1996	7.01	1.76	5.25	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5
MW-4	04/24/1996	7.01	1.95	5.06	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5
MW-4	07/29/1996	7.01	3.37	3.64	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5
MW-4	10/10/1996	7.01	3.96	3.05	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5
MW-4	01/15/1997	7.01	1.27	5.74	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5
MW-4	04/03/1997	7.01	2.11	4.90	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5
MW-4	07/09/1997	7.01	4.04	2.97	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5
MW-4	10/29/1997	7.01	4.56	2.45	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5
MW-4	01/14/1998	7.01	0.39	6.62	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5
MW-4	01/20/1999	7.01	2.83	4.18	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<2.0
MW-4	04/19/1999	7.01	2.91	4.10	0.00	-	-	-	-	-	-	-
MW-4	01/25/2000	7.01	1.92	5.09	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5
MW-4	04/03/2000[19]	7.01	-	-	-	-	-	-	-	-	-	-
MW-4	07/03/2000	7.01	-	-	-	-	-	-	-	-	-	-
MW-4	10/23/2000	7.01	-	-	-	-	-	-	-	-	-	-

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GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 91153
3135 GIBBONS DRIVE (3126 FERNSIDE BOULEVARD)
ALAMEDA, CALIFORNIA

						FIELD PARAMETERS	*HYDROCARBONS*	*PRIMARY VOCS*				
Location	Date	*TOC*	*DTW*	*GWE*	*LNAPLT*	*Dissolved Oxygen*	*TPH-GRO*	*B*	*T*	*E*	*X*	*MTBE by SW8260*
	Units	*ft*	*ft*	*ft-amsl*	*ft*	*mg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*
q												
MW-4	01/08/2001[11]	7.01	3.02	3.99	0.00	-	87[12]	<0.50	<0.50	0.55	2.9	<2.5
MW-4	04/09/2001	7.01	-	-	-	-	-	-	-	-	-	-
MW-4	08/23/2001[19]	7.01	-	-	-	-	-	-	-	-	-	-
MW-4	11/27/2001[19]	7.01	-	-	-	-	-	-	-	-	-	-
MW-4	02/26/2002	7.01	1.37	5.64	0.00	-	<50	<0.50	<0.50	<0.50	<1.5	<2.5
MW-4	05/23/2002[19]	7.01	-	-	-	-	-	-	-	-	-	-
MW-4	08/09/2002[19]	7.01	-	-	-	-	-	-	-	-	-	-
MW-4	11/08/2002[19]	7.01	-	-	-	-	-	-	-	-	-	-
MW-4	02/07/2003	7.01	1.72	5.29	0.00	-	<50	<0.50	<0.50	<0.50	<1.5	<2.5
MW-4	05/09/2003[19]	7.01	-	-	-	-	-	-	-	-	-	-
MW-4	08/15/2003[19]	7.01	-	-	-	-	-	-	-	-	-	-
MW-4	11/14/2003[19]	7.01	-	-	-	-	-	-	-	-	-	-
MW-4	02/13/2004[15]	7.01	1.82	5.19	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
MW-4	05/14/2004[19]	7.01	-	-	-	-	-	-	-	-	-	-
MW-4	11/12/2004[19]	7.01	-	-	-	-	-	-	-	-	-	-
MW-4	02/11/2005[15]	7.01	1.46	5.55	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
MW-4	05/13/2005[19]	7.01	-	-	-	-	-	-	-	-	-	-
MW-4	08/19/2005[19]	7.01	-	-	-	-	-	-	-	-	-	-
MW-4	11/18/2005[19]	7.01	-	-	-	-	-	-	-	-	-	-
MW-4	02/10/2006[15]	7.01	1.35	5.66	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
MW-4	05/12/2006[19]	7.01	-	-	-	-	-	-	-	-	-	-
MW-4	08/11/2006[19]	7.01	-	-	-	-	-	-	-	-	-	-
MW-4	11/17/2006[19]	7.01	-	-	-	-	-	-	-	-	-	-
MW-4	02/16/2007[15]	7.01	1.48	5.53	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
MW-4	05/17/2007[19]	7.01	-	-	-	-	-	-	-	-	-	-

TABLE 1

GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 91153
3135 GIBBONS DRIVE (3126 FERNSIDE BOULEVARD)
ALAMEDA, CALIFORNIA

						FIELD PARAMETERS	*HYDROCARBONS*	*PRIMARY VOCS*				
Location	Date	*TOC*	*DTW*	*GWE*	*LNAPLT*	*Dissolved Oxygen*	*TPH-GRO*	*B*	*T*	*E*	*X*	*MTBE by SW8260*
	Units	*ft*	*ft*	*ft-amsl*	*ft*	*mg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*
q												
MW-4	08/09/2007[19]	7.01	-	-	-	-	-	-	-	-	-	-
MW-4	11/08/2007[19]	7.01	-	-	-	-	-	-	-	-	-	-
MW-4	02/06/2008[15]	7.01	1.27	5.74	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
MW-4	05/07/2008[19]	7.01	-	-	-	-	-	-	-	-	-	-
MW-4	09/11/2008[19]	7.01	-	-	-	-	-	-	-	-	-	-
MW-4	11/10/2008[19]	7.01	-	-	-	-	-	-	-	-	-	-
MW-4	02/09/2009[15]	7.01	2.33	4.68	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
MW-4	03/31/2010	7.01	2.13	4.88	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
MW-4	05/17/2010	7.01	2.05	4.96	0.00	-	-	-	-	-	-	-
MW-4	08/26/2010[19]	7.01	3.70	3.31	0.00	-	-	-	-	-	-	-
MW-4	11/11/2010[19]	7.01	3.98	3.03	0.00	-	-	-	-	-	-	-
MW-4	03/02/2011[19]	7.01	0.75	6.26	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
MW-4	06/17/2011[19]	7.01	2.36	4.65	0.00	-	-	-	-	-	-	-
MW-4	09/08/2011[19]	7.01	3.36	3.65	0.00	-	-	-	-	-	-	-
MW-4	12/29/2011[19]	7.01	3.65	3.36	0.00	-	-	-	-	-	-	-
MW-4	03/28/2012	7.01	1.20	5.81	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
MW-4	05/31/2012[19]	7.01	1.62	5.39	0.00	-	-	-	-	-	-	-
MW-4	09/28/2012[19]	7.01	3.70	3.31	0.00	-	-	-	-	-	-	-
MW-4	12/21/2012[19]	7.01	1.31	5.70	0.00	-	-	-	-	-	-	-
MW-4	03/29/2013	7.01	2.35	4.66	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
MW-4	06/28/2013	7.01	3.46	3.55	0.00	-	-	-	-	-	-	-
MW-4	09/20/2013	7.01	4.29	2.72	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
MW-4	12/30/2013	7.01	4.00	3.01	0.00	-	-	-	-	-	-	-
MW-4	**03/31/2014**	**7.01**	**3.11**	**3.90**	**0.00**	**-**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**

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GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 91153
3135 GIBBONS DRIVE (3126 FERNSIDE BOULEVARD)
ALAMEDA, CALIFORNIA

						FIELD PARAMETERS	*HYDROCARBONS*	*PRIMARY VOCS*				
Location	Date	*TOC*	*DTW*	*GWE*	*LNAPLT*	*Dissolved Oxygen*	*TPH-GRO*	*B*	*T*	*E*	*X*	*MTBE by SW8260*
	Units	*ft*	*ft*	*ft-amsl*	*ft*	*mg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*
q												
MW-5	06/04/1992	3.61	3.25	0.36	0.00	-	560	110	0.5	37	2.2	-
MW-5	10/13/1992	3.61	4.20	-0.59	0.00	-	1,200	150	<2.5	84	8.6	-
MW-5	01/11/1993	3.61	1.30	2.31	0.00	-	1,300	48	1.0	83	33	-
MW-5	04/14/1993	3.61	1.20	2.41	0.00	-	2,600	240	6.1	250	170	-
MW-5	07/13/1993	3.61	3.15	0.46	0.00	-	1,700	260	7.8	160	100	-
MW-5	10/19/1993	3.61	3.82	-0.21	0.00	-	1,900	190	3.3	200	93	-
MW-5	11/30/1993	7.04	3.56	3.48	0.00	-	-	-	-	-	-	-
MW-5	01/27/1994	7.04	2.42	4.62	0.00	-	4,000	100	12	210	110	-
MW-5	04/07/1994	7.04	2.33	4.71	0.00	-	2,600	170	10	150	88	-
MW-5	07/01/1994	7.04	3.18	3.86	0.00	-	2,300	350	9.1	110	76	-
MW-5	10/05/1994	7.04	3.98	3.06	0.00	-	11,000	840	150	130	340	-
MW-5	01/12/1995	7.04	0.40	6.64	0.00	-	2,300	82	<2.5	54	20	-
MW-5	04/26/1995	7.04	0.50	6.54	0.00	-	1,600	52	<5.0	36	61	-
MW-5	07/12/1995	7.04	2.41	4.63	0.00	-	2,800	150	<5.0	34	38	-
MW-5	10/30/1995	7.04	3.78	3.26	0.00	-	1,100	81	<5.0	<5.0	<5.0	35
MW-5	01/22/1996	7.04	0.78	6.26	0.00	-	880	7.3	<2.0	15	4.8	<10
MW-5	04/24/1996	7.04	1.65	5.39	0.00	-	1,600	51	3.8	14	5.6	56
MW-5	07/29/1996[21]	7.04	-	-	-	-	-	-	-	-	-	-
MW-5	10/10/1996	7.04	3.60	3.44	0.00	-	1,000	18	<1.2	1.5	<1.2	<6.2
MW-5	01/15/1997	7.04	0.45	6.59	0.00	-	520	0.84	<0.5	3.1	1.2	8.4
MW-5	04/03/1997	7.04	2.11	4.93	0.00	-	1,400	13	<2.0	4.3	8.4	32
MW-5	07/09/1997	7.04	3.71	3.33	0.00	-	810	3.6	0.97	<0.5	<0.5	9.7
MW-5	10/29/1997	7.04	4.20	2.84	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5
MW-5	01/14/1998	7.04	0.00	7.04	0.00	-	430	5.8	2.4	<0.5	1.6	17
MW-5	04/17/1998[20]	7.04	0.71	6.33	0.00	-	-	-	-	-	-	-

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ALAMEDA, CALIFORNIA

						FIELD PARAMETERS	*HYDROCARBONS*	*PRIMARY VOCS*				
Location	Date	*TOC*	*DTW*	*GWE*	*LNAPLT*	*Dissolved Oxygen*	*TPH-GRO*	*B*	*T*	*E*	*X*	*MTBE by SW8260*
	Units	*ft*	*ft*	*ft-amsl*	*ft*	*mg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*
q												
MW-5	07/15/1998	7.04	0.00	7.04	0.00	-	990	11	3.9	0.56	2.2	61
MW-5	10/27/1998	7.04	4.23	2.81	0.00	-	-	-	-	-	-	-
MW-5	01/20/1999	7.04	2.58	4.46	0.00	-	168	<0.5	<0.5	<0.5	0.692	<2.0
MW-5	04/19/1999	7.04	2.07	4.97	0.00	-	-	-	-	-	-	-
MW-5	07/29/1999	7.04	3.43	3.61	0.00	-	246	1.54	<0.5	<0.5	<0.5	<2.0[2]/<5.0
MW-5	10/13/1999[21]	7.04	-	-	-	-	-	-	-	-	-	-
MW-5	01/25/2000	7.04	1.51	5.53	0.00	-	169	1.94	<0.5	<0.5	<0.5	201
MW-5	04/03/2000	7.04	1.20	5.84	0.00	-	-	-	-	-	-	-
MW-5	07/03/2000	7.04	2.98	4.06	0.00	-	320[6,10]	5.3	1.1	<0.50	<0.50	5.0
MW-5	10/23/2000	7.04	4.18	2.86	0.00	-	-	-	-	-	-	-
MW-5	01/08/2001[11]	7.04	2.92	4.12	0.00	-	220[6]	3.9	<0.50	<0.50	<0.50	7.7
MW-5	04/09/2001	7.04	1.01	6.03	0.00	-	-	-	-	-	-	-
MW-5	08/23/2001	7.04	3.48	3.56	0.00	-	630	40	3.5	<2.5	<2.5	43
MW-5	11/27/2001[20]	7.04	3.05	3.99	0.00	-	-	-	-	-	-	-
MW-5	02/26/2002	7.04	1.00	6.04	0.00	-	410	4.3	<0.50	<0.50	<1.5	<2.5
MW-5	05/23/2002[20]	7.04	2.21	4.83	0.00	-	-	-	-	-	-	-
MW-5	08/09/2002	7.04	3.38	3.66	0.00	-	240	1.3	<0.50	<0.50	<1.5	<2.5
MW-5	11/08/2002[20]	7.04	4.56	2.48	0.00	-	-	-	-	-	-	-
MW-5	02/07/2003	7.04	1.42	5.62	0.00	-	380	3.2	<0.50	0.64	<1.5	<2.5
MW-5	05/09/2003[20]	7.04	1.25	5.79	0.00	-	-	-	-	-	-	-
MW-5	08/15/2003[15]	7.04	3.61	3.43	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
MW-5	11/14/2003[20]	7.04	3.57	3.47	0.00	-	-	-	-	-	-	-
MW-5	02/13/2004[15]	7.04	1.50	5.54	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
MW-5	05/14/2004[20]	7.04	2.47	4.57	0.00	-	-	-	-	-	-	-
MW-5	08/13/2004[15]	7.04	5.46	1.58	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5

TABLE 1

GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 91153
3135 GIBBONS DRIVE (3126 FERNSIDE BOULEVARD)
ALAMEDA, CALIFORNIA

						FIELD PARAMETERS	*HYDROCARBONS*	*PRIMARY VOCS*				
Location	Date	*TOC*	*DTW*	*GWE*	*LNAPLT*	*Dissolved Oxygen*	*TPH-GRO*	*B*	*T*	*E*	*X*	*MTBE by SW8260*
	Units	*ft*	*ft*	*ft-amsl*	*ft*	*mg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*
q												
MW-5	11/12/2004[20]	7.04	4.65	2.39	0.00	-	-	-	-	-	-	-
MW-5	02/11/2005[15]	7.04	1.20	5.84	0.00	-	130	<0.5	<0.5	<0.5	<0.5	<0.5
MW-5	05/13/2005[20]	7.04	4.36	2.68	0.00	-	-	-	-	-	-	-
MW-5	08/19/2005[15]	7.04	2.78	4.26	0.00	-	96	<0.5	<0.5	<0.5	<0.5	<0.5
MW-5	11/18/2005[20]	7.04	4.51	2.53	0.00	-	-	-	-	-	-	-
MW-5	02/10/2006[15]	7.04	1.12	5.92	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
MW-5	05/12/2006[20]	7.04	2.23	4.81	0.00	-	-	-	-	-	-	-
MW-5	08/11/2006[15]	7.04	3.40	3.64	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
MW-5	11/17/2006[20]	7.04	4.16	2.88	0.00	-	-	-	-	-	-	-
MW-5	02/16/2007[15]	7.04	1.22	5.82	0.00	-	<50	<0.5	<0.7	<0.8	<0.8	<0.5
MW-5	05/17/2007[20]	7.04	4.06	2.98	0.00	-	-	-	-	-	-	-
MW-5	08/09/2007[15]	7.04	3.61	3.43	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
MW-5	11/08/2007[20]	7.04	3.70	3.34	0.00	-	-	-	-	-	-	-
MW-5	02/06/2008[15]	7.04	1.06	5.98	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
MW-5	05/07/2008[20]	7.04	3.57	3.47	0.00	-	-	-	-	-	-	-
MW-5	09/11/2008[15]	7.04	4.58	2.46	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
MW-5	11/10/2008[20]	7.04	4.26	2.78	0.00	-	-	-	-	-	-	-
MW-5	02/09/2009[15]	7.04	2.15	4.89	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
MW-5	05/28/2009	7.04	2.76	4.28	0.00	-	-	-	-	-	-	-
MW-5	08/18/2009[15]	7.04	3.81	3.23	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
MW-5	11/17/2009	7.04	4.02	3.02	0.00	-	-	-	-	-	-	-
MW-5	03/31/2010	7.04	1.86	5.18	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
MW-5	05/17/2010	7.04	1.57	5.47	0.00	-	-	-	-	-	-	-
MW-5	08/26/2010	7.04	3.25	3.79	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
MW-5	11/11/2010[20]	7.04	3.52	3.52	0.00	-	-	-	-	-	-	-

TABLE 1

GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 91153
3135 GIBBONS DRIVE (3126 FERNSIDE BOULEVARD)
ALAMEDA, CALIFORNIA

						FIELD PARAMETERS	*HYDROCARBONS*	*PRIMARY VOCS*				
Location	Date	*TOC*	*DTW*	*GWE*	*LNAPLT*	*Dissolved Oxygen*	*TPH-GRO*	*B*	*T*	*E*	*X*	*MTBE by SW8260*
	Units	*ft*	*ft*	*ft-amsl*	*ft*	*mg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*
q												
MW-5	03/02/2011[20]	7.04	1.55	5.49	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
MW-5	06/17/2011[20]	7.04	1.84	5.20	0.00	-	-	-	-	-	-	-
MW-5	09/08/2011[20]	7.04	2.50	4.54	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
MW-5	12/29/2011[20]	7.04	3.40	3.64	0.00	-	-	-	-	-	-	-
MW-5	03/28/2012	7.04	1.72	5.32	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
MW-5	05/31/2012[20]	7.04	0.20	6.84	0.00	-	-	-	-	-	-	-
MW-5	09/28/2012	7.04	3.90	3.14	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
MW-5	12/21/2012[20]	7.04	1.59	5.45	0.00	-	-	-	-	-	-	-
MW-5	03/29/2013	7.04	2.00	5.04	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
MW-5	06/28/2013	7.04	3.35	3.69	0.00	-	-	-	-	-	-	-
MW-5	09/20/2013	7.04	4.04	3.00	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
MW-5	12/30/2013	7.04	3.80	3.24	0.00	-	-	-	-	-	-	-
MW-5	**03/31/2014**	**7.04**	**1.90**	**5.14**	**0.00**	**-**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**
MW-6	06/04/1992	3.85	3.89	-0.04	0.00	-	210	54	<0.5	1.9	2.4	-
MW-6	10/13/1992	3.85	4.56	-0.71	0.00	-	10,000	5,300	<10	70	<10	-
MW-6	01/11/1993	3.85	2.36	1.49	0.00	-	100	50	<0.5	<0.5	<0.5	-
MW-6	04/14/1993	3.85	3.15	0.70	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	-
MW-6	07/13/1993	3.85	3.94	-0.09	0.00	-	<50	1.8	<0.5	<0.5	<1.5	-
MW-6	10/19/1993	3.85	4.40	-0.55	0.00	-	320	150	<0.5	0.8	<0.5	-
MW-6	11/30/1993	7.27	4.16	3.11	0.00	-	-	-	-	-	-	-
MW-6	01/27/1994	7.27	3.33	3.94	0.00	-	120	45	<0.5	<0.5	<0.5	-
MW-6	04/07/1994	7.27	3.43	3.84	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	-
MW-6	07/01/1994	7.27	3.94	3.33	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	-
MW-6	10/05/1994	7.27	4.38	2.89	0.00	-	8,300	2,400	160	42	190	-

TABLE 1

GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 91153
3135 GIBBONS DRIVE (3126 FERNSIDE BOULEVARD)
ALAMEDA, CALIFORNIA

						FIELD PARAMETERS	*HYDROCARBONS*	*PRIMARY VOCS*				
Location	Date	*TOC*	*DTW*	*GWE*	*LNAPLT*	*Dissolved Oxygen*	*TPH-GRO*	*B*	*T*	*E*	*X*	*MTBE by SW8260*
	Units	*ft*	*ft*	*ft-amsl*	*ft*	*mg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*
q												
MW-6	01/12/1995[1]	7.27	2.43	4.84	0.00	-	<50	12	<0.5	<0.5	<0.5	-
MW-6	04/26/1995	7.27	2.06	5.21	0.00	-	<50	5.5	0.67	<0.5	1.3	-
MW-6	07/12/1995	7.27	3.53	3.74	0.00	-	65	27	<0.5	<0.5	<0.5	-
MW-6	10/30/1995	7.27	4.34	2.93	0.00	-	<50	3.9	<0.5	<0.5	<0.5	<2.5
MW-6	01/22/1996	7.27	2.61	4.66	0.00	-	<50	0.93	<0.5	<0.5	<0.5	<2.5
MW-6	04/24/1996	7.27	2.50	4.77	0.00	-	260	110	<1.2	<1.2	<1.2	<6.2
MW-6	07/29/1996	7.27	3.85	3.42	0.00	-	<50	23	<0.5	<0.5	<0.5	<2.5
MW-6	10/10/1996	7.27	4.37	2.90	0.00	-	79	31	<0.5	<0.5	<0.5	<2.5
MW-6	01/15/1997	7.27	2.63	4.64	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5
MW-6	04/03/1997	7.27	3.42	3.85	0.00	-	670	360	<5.0	<5.0	<5.0	<25
MW-6	07/09/1997	7.27	4.29	2.98	0.00	-	330	140	<2.0	<2.0	<2.0	<10
MW-6	10/29/1997	7.27	4.56	2.71	0.00	-	400	260	<2.0	<2.0	<2.0	5.8
MW-6	01/14/1998	7.27	1.01	6.26	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5
MW-6	04/17/1998	7.27	2.94	4.33	0.00	-	<50	1.7	<0.5	<0.5	<0.5	<2.5
MW-6	07/15/1998	7.27	4.72	2.55	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5
MW-6	10/27/1998[21]	7.27	-	-	-	-	-	-	-	-	-	-
MW-6	11/25/1998	7.27	4.16	3.11	0.00	-	110[3]	54	<0.5	<0.5	<0.5	<2.5
MW-6	01/20/1999	7.27	3.45	3.82	0.00	-	<50	10	<0.5	<0.5	<0.5	<2.0
MW-6	04/19/1999	7.27	3.39	3.88	0.00	-	<50	2.6	<0.5	<0.5	<0.5	<2.0/<2.5[2]
MW-6	07/29/1999[4]	7.27	4.34	2.93	0.00	-	<5,000	2,590	<50	<50	<50	<500
MW-6	10/13/1999	7.27	5.89	1.38	0.00	-	9,270	4,610	44.2	<25	<25	<125
MW-6	01/25/2000	7.27	4.11	3.16	0.00	-	529	289	<0.5	<0.5	<0.5	738
MW-6	04/03/2000[7,8]	7.27	2.84	4.43	0.00	-	<50	<0.50	<0.50	<0.50	<0.50	<2.5
MW-6	07/03/2000[7]	7.27	3.77	3.50	0.00	-	91[6]	89	0.77	<0.50	<0.50	<2.5
MW-6	10/12/2000	7.27	6.32	0.95	0.00	-	<50	8.0	<0.50	<0.50	<0.50	<2.5

TABLE 1

GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 91153
3135 GIBBONS DRIVE (3126 FERNSIDE BOULEVARD)
ALAMEDA, CALIFORNIA

						FIELD PARAMETERS	*HYDROCARBONS*	*PRIMARY VOCS*				
Location	Date	*TOC*	*DTW*	*GWE*	*LNAPLT*	*Dissolved Oxygen*	*TPH-GRO*	*B*	*T*	*E*	*X*	*MTBE by SW8260*
	Units	*ft*	*ft*	*ft-amsl*	*ft*	*mg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*
q												
MW-6	01/08/2001[7,11]	7.27	3.74	3.53	0.00	-	400[6]	640	8.2	8.0	5.0	10
MW-6	04/09/2001[7]	7.27	3.03	4.24	0.00	-	91.3	22.0	3.36	0.751	2.14	<0.500
MW-6	08/23/2001[7]	7.27	4.70	2.57	0.00	-	53[13]	23	0.50	<0.50	1.1	<2.5
MW-6	11/27/2001[14]	7.27	4.43	2.84	0.00	-	<50	4.1	<0.50	<0.50	<1.5	<2.5
MW-6	02/26/2002[14]	7.27	2.50	4.77	0.00	-	100	53	<0.50	<0.50	<1.5	<2.5
MW-6	05/23/2002	7.27	3.27	4.00	0.00	-	610	260	4.2	1.7	2.1	<2.5
MW-6	08/09/2002	7.27	4.11	3.16	0.00	-	<50	1.1	<0.50	<0.50	<1.5	<2.5
MW-6	11/08/2002	7.27	4.12	3.15	0.00	2.10	<50	<0.50	<0.50	<0.50	<1.5	<2.5
MW-6	02/07/2003	7.27	2.60	4.67	0.00	2.60	<50	0.65	<0.50	<0.50	<1.5	<2.5
MW-6	05/09/2003	7.27	2.57	4.70	0.00	3.10	<50	1.9	<0.5	<0.5	<1.5	<2.5
MW-6	08/15/2003[15]	7.27	4.15	3.12	0.00	2.90	<50	<0.5	<0.5	<0.5	<0.5	<0.5
MW-6	11/14/2003[15]	7.27	4.10	3.17	0.00	3.41	<50	<0.5	0.6	<0.5	<0.5	1
MW-6	02/13/2004[15]	7.27	2.66	4.61	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
MW-6	05/14/2004[15]	7.27	3.55	3.72	0.00	-	<50	3	<0.5	<0.5	<0.5	<0.5
MW-6	08/13/2004[15]	7.27	4.32	2.95	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
MW-6	11/12/2004[15]	7.27	4.20	3.07	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
MW-6	02/11/2005[15]	7.27	2.18	5.09	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
MW-6	05/13/2005[15]	7.27	4.11	3.16	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
MW-6	08/19/2005[15]	7.27	3.70	3.57	0.00	1.90	<50	<0.5	<0.5	<0.5	<0.5	<0.5
MW-6	11/18/2005[15]	7.27	3.98	3.29	0.00	1.70	<50	<0.5	<0.5	<0.5	<0.5	<0.5
MW-6	02/10/2006[15]	7.27	2.11	5.16	0.00	2.20	<50	<0.5	<0.5	<0.5	<0.5	<0.5
MW-6	05/12/2006[15]	7.27	3.18	4.09	0.00	2.80	<50	<0.5	<0.5	<0.5	<0.5	<0.5
MW-6	08/11/2006[15]	7.27	3.80	3.47	0.00	2.50	<50	<0.5	<0.5	<0.5	<0.5	<0.5
MW-6	11/17/2006[15]	7.27	3.78	3.49	0.00	2.20	<50	<0.5	<0.5	<0.5	<0.5	<0.5
MW-6	02/16/2007[15]	7.27	2.08	5.19	0.00	1.80	<50	1	<0.5	<0.5	<0.5	<0.5

GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 91153
3135 GIBBONS DRIVE (3126 FERNSIDE BOULEVARD)
ALAMEDA, CALIFORNIA

						FIELD PARAMETERS	*HYDROCARBONS*	*PRIMARY VOCS*				
Location	Date	*TOC*	*DTW*	*GWE*	*LNAPLT*	*Dissolved Oxygen*	*TPH-GRO*	*B*	*T*	*E*	*X*	*MTBE by SW8260*
	Units	*ft*	*ft*	*ft-amsl*	*ft*	*mg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*
q												
MW-6	05/17/2007[15]	7.27	3.61	3.66	0.00	2.0	<50	<0.5	<0.5	<0.5	<0.5	<0.5
MW-6	08/09/2007[15]	7.27	4.05	3.22	0.00	2.6	<50	<0.5	<0.5	<0.5	<0.5	<0.5
MW-6	11/08/2007[15]	7.27	4.12	3.15	0.00	2.2	<50	5	<0.5	<0.5	<0.5	<0.5
MW-6	02/06/2008[15]	7.27	1.85	5.42	0.00	2.4	<50	<0.5	<0.5	<0.5	<0.5	<0.5
MW-6	05/07/2008[15]	7.27	3.91	3.36	0.00	2.3	63	18	<0.5	<0.5	<0.5	<0.5
MW-6	09/11/2008[15]	7.27	4.93	2.34	0.00	1.9	<50	<0.5	<0.5	<0.5	<0.5	<0.5
MW-6	11/10/2008[15]	7.27	4.30	2.97	0.00	2.2	<50	<0.5	<0.5	<0.5	<0.5	<0.5
MW-6	02/09/2009[15]	7.27	2.97	4.30	0.00	2.0	<50	2	<0.5	<0.5	<0.5	<0.5
MW-6	05/28/2009[15]	7.27	3.53	3.74	0.00	1.77	<50	4	<0.5	<0.5	<0.5	<0.5
MW-6	08/18/2009[15]	7.27	3.38	3.89	0.00	1.81	560	130	3	<0.5	0.7 J	<0.5
MW-6	11/17/2009	7.27	4.00	3.27	0.00	-	-	-	-	-	-	-
MW-6	03/31/2010	7.27	2.44	4.83	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
MW-6	05/17/2010	7.27	3.30	3.97	0.00	-	-	-	-	-	-	-
MW-6	08/26/2010	7.27	4.15	3.12	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
MW-6	11/11/2010[20]	7.27	4.16	3.11	0.00	-	-	-	-	-	-	-
MW-6	03/02/2011[20]	7.27	2.27	5.00	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
MW-6	06/17/2011[20]	7.27	3.69	3.58	0.00	-	-	-	-	-	-	-
MW-6	09/08/2011[20]	7.27	3.82	3.45	0.00	-	<50	2	<0.5	<0.5	<0.5	<0.5
MW-6	12/29/2011[20]	7.27	3.90	3.37	0.00	-	-	-	-	-	-	-
MW-6	03/28/2012	7.27	1.99	5.28	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
MW-6	05/31/2012[20]	7.27	3.28	3.99	0.00	-	-	-	-	-	-	-
MW-6	09/28/2012	7.27	4.47	2.80	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
MW-6	12/21/2012[20]	7.27	2.68	4.59	0.00	-	-	-	-	-	-	-
MW-6	03/29/2013	7.27	3.73	3.54	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
MW-6	06/28/2013	7.27	4.17	3.10	0.00	-	-	-	-	-	-	-

TABLE 1

GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 91153
3135 GIBBONS DRIVE (3126 FERNSIDE BOULEVARD)
ALAMEDA, CALIFORNIA

						FIELD PARAMETERS	*HYDROCARBONS*	*PRIMARY VOCS*				
Location	Date	*TOC*	*DTW*	*GWE*	*LNAPLT*	*Dissolved Oxygen*	*TPH-GRO*	*B*	*T*	*E*	*X*	*MTBE by SW8260*
	Units	*ft*	*ft*	*ft-amsl*	*ft*	*mg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*
q												
MW-6	09/20/2013	7.27	4.48	2.79	0.00	-	-	-	-	-	-	-
MW-6	12/30/2013	7.27	4.27	3.00	0.00	-	-	-	-	-	-	-
MW-6	**03/31/2014**	**7.27**	**3.05**	**4.22**	**0.00**	**-**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**
MW-7	11/30/1993	8.22	5.33	2.89	0.00	-	480	110	41	4.4	38	-
MW-7	01/27/1994	8.22	4.50	3.72	0.00	-	120	21	1.1	2.2	4.8	-
MW-7	04/07/1994	8.22	4.62	3.60	0.00	-	2,600	630	39	56	94	-
MW-7	07/01/1994	8.22	5.13	3.09	0.00	-	2,200	770	42	<10	92	-
MW-7	10/05/1994	8.22	5.61	2.61	0.00	-	15,000	3,300	90	130	320	-
MW-7	01/12/1995	8.22	2.83	5.39	0.00	-	340	57	<1.3	18	6.4	-
MW-7	04/26/1995	8.22	2.35	5.87	0.00	-	15,000	3,700	210	520	800	-
MW-7	07/12/1995	8.22	4.66	3.56	0.00	-	7,700	1,800	59	130	370	-
MW-7	10/30/1995	8.22	5.48	2.74	0.00	-	770	260	<5.0	33	48	25
MW-7	01/22/1996	8.22	3.34	4.88	0.00	-	290	63	<1.0	6.4	5.7	<5.0
MW-7	04/24/1996	8.22	4.12	4.10	0.00	-	12,000	2,500	510	380	810	<125
MW-7	07/29/1996	8.22	5.03	3.19	0.00	-	2,600	650	<25	61	150	<125
MW-7	10/10/1996	8.22	5.52	2.70	0.00	-	5,800	1,700	28	170	210	<62
MW-7	01/15/1997	8.22	2.92	5.30	0.00	-	1,000	230	<2.5	28	11	63
MW-7	04/03/1997	8.22	4.65	3.57	0.00	-	6,000	1,800	100	140	170	<100
MW-7	07/09/1997	8.22	5.39	2.83	0.00	-	5,500	2,200	<20	41	30	<100
MW-7	10/29/1997	8.22	5.58	2.64	0.00	-	220	40	0.61	3.0	2.4	7.6
MW-7	01/14/1998	8.22	2.80	5.42	0.00	-	140	5.1	<0.5	<0.5	1.4	<2.5
MW-7	04/17/1998	8.22	3.00	5.22	0.00	-	13,000	4,200	98	250	240	250
MW-7	07/15/1998[21]	8.22	-	-	-	-	-	-	-	-	-	-
MW-7	08/17/1998[5]	7.92	5.52	2.40	0.00	-	1,600	380	51	68	280	22

TABLE 1

GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 91153
3135 GIBBONS DRIVE (3126 FERNSIDE BOULEVARD)
ALAMEDA, CALIFORNIA

						FIELD PARAMETERS	*HYDROCARBONS*	*PRIMARY VOCS*				
Location	Date	*TOC*	*DTW*	*GWE*	*LNAPLT*	*Dissolved Oxygen*	*TPH-GRO*	*B*	*T*	*E*	*X*	*MTBE by SW8260*
	Units	*ft*	*ft*	*ft-amsl*	*ft*	*mg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*
q												
MW-7	10/27/1998	7.92	7.51	0.41	0.00	-	190	2.3	0.53	<0.5	<0.5	33
MW-7	01/20/1999	7.92	3.45	4.47	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<2.0
MW-7	04/19/1999	7.92	4.61	3.31	0.00	-	6,500	3,000	<0.5	110	210	150[2]/310
MW-7	07/29/1999[4]	7.92	5.00	2.92	0.00	-	8,390	2,100	129	222	729	248
MW-7	10/13/1999	7.92	5.61	2.31	0.00	-	14,300	6,600	58.8	117	190	<125
MW-7	01/25/2000	7.92	3.32	4.60	0.00	-	1,100	184	<5.0	13.5	33.7	151
MW-7	04/03/2000[7,9]	7.92	3.38	4.54	0.00	-	2,600[6]	780	12	<5.0	61	95
MW-7	07/03/2000[7]	7.92	4.34	3.58	0.00	-	4,100[6]	2,600	72	240	690	<50
MW-7	10/23/2000	7.92	6.11	1.81	0.00	-	12,000[6]	2,600	<50	150	290	<250
MW-7	01/08/2001[7,11]	7.92	4.32	3.60	0.00	-	3,900[6]	2,200	61	140	350	<25
MW-7	04/09/2001[7]	7.92	3.63	4.29	0.00	-	25,100	4,590	1,200	843	1,920	48.1
MW-7	08/23/2001[7]	7.92	4.83	3.09	0.00	-	27,000	4,100	970	1,100	3,500	<500
MW-7	11/27/2001	7.92	4.30	3.62	0.00	-	12,000	1,800	50	450	830	91
MW-7	02/26/2002	7.92	3.00	4.92	0.00	-	15,000	3,100	260	380	860	<10
MW-7	05/23/2002	7.92	3.69	4.23	0.00	-	28,000	6,000	120	820	1,900	42
MW-7	08/09/2002	7.92	4.38	3.54	0.00	-	24,000	3,700	81	710	1,300	56
MW-7	11/08/2002	7.92	4.43	3.49	0.00	-98.00	18,000	2,300	150	660	1,400	<100
MW-7	02/07/2003	7.92	3.20	4.72	0.00	2.90	13,000	2,300	200	310	620	<25
MW-7	05/09/2003	7.92	3.18	4.74	0.00	2.60	17,000	4,200	36	350	360	<50
MW-7	08/15/2003[15]	7.92	4.75	3.17	0.00	2.30	29,000	7,300	140	780	1,900	<5
MW-7	11/14/2003[15]	7.92	4.95	2.97	0.00	1.87	7,200	950	3	45	20	7
MW-7	02/13/2004[15]	7.92	3.29	4.63	0.00	-	3,300	360	4	82	130	3
MW-7	05/14/2004[15]	7.92	3.98	3.94	0.00	-	17,000	3,100	480	510	1,300	3
MW-7	08/13/2004[15]	7.92	5.94	1.98	0.00	-	10,000	2,000	4	130	150	4
MW-7	11/12/2004[15]	7.92	4.50	3.42	0.00	-	680	4	<0.5	1	0.7	0.8

TABLE 1

GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 91153
3135 GIBBONS DRIVE (3126 FERNSIDE BOULEVARD)
ALAMEDA, CALIFORNIA

						FIELD PARAMETERS	*HYDROCARBONS*	*PRIMARY VOCS*				
Location	Date	*TOC*	*DTW*	*GWE*	*LNAPLT*	*Dissolved Oxygen*	*TPH-GRO*	*B*	*T*	*E*	*X*	*MTBE by SW8260*
	Units	*ft*	*ft*	*ft-amsl*	*ft*	*mg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*
q												
MW-7	02/11/2005[15]	7.92	3.07	4.85	0.00	-	4,600	680	6	80	44	4
MW-7	05/13/2005[15]	7.92	4.51	3.41	0.00	-	4,200	380	3	38	13	2
MW-7	08/19/2005[15]	7.92	4.03	3.89	0.00	0.80	7,900	1,300	3	190	310	<1
MW-7	11/18/2005[15]	7.92	4.62	3.30	0.00	0.90	3,900	4	1	16	8	2
MW-7	02/10/2006[15]	7.92	3.12	4.80	0.00	1.30	3,200	320	2	14	8	2
MW-7	05/12/2006[15]	7.92	4.25	3.67	0.00	1.40	3,600	1,000	2	65	27	<1
MW-7	08/11/2006[15]	7.92	4.45	3.47	0.00	1.10	6,700	1,900	6	280	300	<1
MW-7	11/17/2006[15]	7.92	4.71	3.21	0.00	0.70	1,200	0.6	<0.5	1	0.8	<0.5
MW-7	02/16/2007[15]	7.92	3.26	4.66	0.00	1.10	110	<0.5	<0.5	<0.5	<0.5	<0.5
MW-7	05/17/2007[15]	7.92	4.62	3.30	0.00	1.7	6,400	1,400	4	130	26	<1
MW-7	08/09/2007[15]	7.92	4.61	3.31	0.00	1.2	10,000	1,400	4	230	12	<3
MW-7	11/08/2007[15]	7.92	4.72	3.20	0.00	0.9	2,300	4	1	3	7	0.9
MW-7	02/06/2008[15]	7.92	2.98	4.94	0.00	0.5	190	<0.5	<0.5	<0.5	<0.5	<0.5
MW-7	05/07/2008[15]	7.92	4.48	3.44	0.00	1.2	8,000	1,500	15	380	260	<1
MW-7	09/11/2008[15]	7.92	5.95	1.97	0.00	1.0	5,100	530	4	47	12	0.7
MW-7	11/10/2008[15]	7.92	5.81	2.11	0.00	0.6	2,800	13	1	1	7	<0.5
MW-7	02/09/2009[15]	7.92	4.06	3.86	0.00	0.8	3,900	190	2	51	11	0.5
MW-7	05/28/2009[15,17]	7.92	3.84	4.08	0.00	0.45	5,800	870	8	220	27	<0.5
MW-7	08/18/2009[15]	7.92	4.80	3.12	0.00	0.57	6,700	660	4	110	13	0.7 J
MW-7	11/17/2009	7.92	4.52	3.40	0.00	-	-	-	-	-	-	-
MW-7	03/31/2010	7.92	3.11	4.81	0.00	-	2,000	110	1	2	3	0.7 J
MW-7	05/17/2010	7.92	3.41	4.51	0.00	-	-	-	-	-	-	-
MW-7	08/26/2010	7.92	4.60	3.32	0.00	-	5,100	470	3	150	9	<0.5
MW-7	11/11/2010[20]	7.92	4.68	3.24	0.00	-	-	-	-	-	-	-
MW-7	03/02/2011[20]	7.92	2.53	5.39	0.00	-	1,100	<0.5	<0.5	<0.5	<0.5	<0.5

TABLE 1

GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 91153
3135 GIBBONS DRIVE (3126 FERNSIDE BOULEVARD)
ALAMEDA, CALIFORNIA

						FIELD PARAMETERS	*HYDROCARBONS*	*PRIMARY VOCS*				
Location	Date	*TOC*	*DTW*	*GWE*	*LNAPLT*	*Dissolved Oxygen*	*TPH-GRO*	*B*	*T*	*E*	*X*	*MTBE by SW8260*
	Units	*ft*	*ft*	*ft-amsl*	*ft*	*mg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*
q												
MW-7	06/17/2011[20]	7.92	4.02	3.90	0.00	-	-	-	-	-	-	-
MW-7	09/08/2011[20]	7.92	4.12	3.80	0.00	-	5,700	650	7	140	31	<0.5
MW-7	12/29/2011[20]	7.92	4.12	3.80	0.00	-	-	-	-	-	-	-
MW-7	03/28/2012	7.92	2.61	5.31	0.00	-	370	<0.5	<0.5	<0.5	<0.5	<0.5
MW-7	05/31/2012[20]	7.92	3.79	4.13	0.00	-	-	-	-	-	-	-
MW-7	09/28/2012	7.92	4.90	3.02	0.00	-	3,600	14	<5	<5	5 J	<5
MW-7	12/21/2012[20]	7.92	3.09	4.83	0.00	-	-	-	-	-	-	-
MW-7	03/29/2013	7.92	3.70	4.22	0.00	-	5,000	770	11	57	12	<0.5
MW-7	06/28/2013	7.92	4.59	3.33	0.00	-	-	-	-	-	-	-
MW-7	09/20/2013	7.92	4.96	2.96	0.00	-	4,400	1	2	1	4	<0.5
MW-7	12/30/2013	7.92	4.60	3.32	0.00	-	-	-	-	-	-	-
MW-7	**03/31/2014**	**7.92**	**3.68**	**4.24**	**0.00**	**-**	**350**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**
MW-8	10/17/1995	6.96	4.40	2.56	0.00	-	-	-	-	-	-	-
MW-8	10/30/1995	6.96	4.44	2.52	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5
MW-8	01/22/1996	6.96	2.24	4.72	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5
MW-8	04/24/1996	6.96	2.97	3.99	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5
MW-8	07/29/1996	6.96	3.37	3.59	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5
MW-8	10/10/1996	6.96	4.12	2.84	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5
MW-8	01/15/1997	6.96	0.94	6.02	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5
MW-8	04/03/1997	6.96	2.20	4.76	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5
MW-8	07/09/1997	6.96	4.30	2.66	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5
MW-8	10/29/1997	6.96	4.57	2.39	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5
MW-8	01/14/1998	6.96	0.83	6.13	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5
MW-8	01/20/1999	6.96	2.69	4.27	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<2.0

GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 91153
3135 GIBBONS DRIVE (3126 FERNSIDE BOULEVARD)
ALAMEDA, CALIFORNIA

						FIELD PARAMETERS	*HYDROCARBONS*	*PRIMARY VOCS*				
Location	Date	*TOC*	*DTW*	*GWE*	*LNAPLT*	*Dissolved Oxygen*	*TPH-GRO*	*B*	*T*	*E*	*X*	*MTBE by SW8260*
	Units	*ft*	*ft*	*ft-amsl*	*ft*	*mg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*
q												
MW-8	04/19/1999	6.96	3.76	3.20	0.00	-	-	-	-	-	-	-
MW-8	01/25/2000	6.96	1.41	5.55	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5
MW-8	04/03/2000[19]	6.96	-	-	-	-	-	-	-	-	-	-
MW-8	07/03/2000	6.96	-	-	-	-	-	-	-	-	-	-
MW-8	10/23/2000	6.96	-	-	-	-	-	-	-	-	-	-
MW-8	01/08/2001[11]	6.96	3.58	3.38	0.00	-	<50	<0.50	<0.50	<0.50	<0.50	<2.5
MW-8	04/09/2001	6.96	-	-	-	-	-	-	-	-	-	-
MW-8	08/23/2001[19]	6.96	-	-	-	-	-	-	-	-	-	-
MW-8	11/27/2001[19]	6.96	-	-	-	-	-	-	-	-	-	-
MW-8	02/26/2002	6.96	2.91	4.05	0.00	-	<50	<0.50	<0.50	<0.50	<1.5	<2.5
MW-8	05/23/2002[19]	6.96	-	-	-	-	-	-	-	-	-	-
MW-8	08/09/2002[19]	6.96	-	-	-	-	-	-	-	-	-	-
MW-8	11/08/2002[19]	6.96	-	-	-	-	-	-	-	-	-	-
MW-8	02/07/2003	6.96	3.13	3.83	0.00	-	<50	<0.50	<0.50	<0.50	<1.5	<2.5
MW-8	05/09/2003[19]	6.96	-	-	-	-	-	-	-	-	-	-
MW-8	08/15/2003[19]	6.96	-	-	-	-	-	-	-	-	-	-
MW-8	11/14/2003[19]	6.96	-	-	-	-	-	-	-	-	-	-
MW-8	02/13/2004[15]	6.96	3.20	3.76	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
MW-8	05/14/2004[19]	6.96	-	-	-	-	-	-	-	-	-	-
MW-8	11/12/2004[19]	6.96	-	-	-	-	-	-	-	-	-	-
MW-8	02/11/2005[15]	6.96	2.85	4.11	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
MW-8	05/13/2005[19]	6.96	-	-	-	-	-	-	-	-	-	-
MW-8	08/19/2005[19]	6.96	-	-	-	-	-	-	-	-	-	-
MW-8	11/18/2005[19]	6.96	-	-	-	-	-	-	-	-	-	-
MW-8	02/10/2006[15]	6.96	2.74	4.22	<50	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5

TABLE 1

GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 91153
3135 GIBBONS DRIVE (3126 FERNSIDE BOULEVARD)
ALAMEDA, CALIFORNIA

						FIELD PARAMETERS	*HYDROCARBONS*	*PRIMARY VOCS*				
Location	Date	*TOC*	*DTW*	*GWE*	*LNAPLT*	*Dissolved Oxygen*	*TPH-GRO*	*B*	*T*	*E*	*X*	*MTBE by SW8260*
	Units	*ft*	*ft*	*ft-amsl*	*ft*	*mg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*
q												
MW-8	05/12/2006[19]	6.96	-	-	-	-	-	-	-	-	-	-
MW-8	08/11/2006[19]	6.96	-	-	-	-	-	-	-	-	-	-
MW-8	11/17/2006[19]	6.96	-	-	-	-	-	-	-	-	-	-
MW-8	02/16/2007[15]	6.96	2.69	4.27	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
MW-8	05/17/2007[19]	6.96	-	-	-	-	-	-	-	-	-	-
MW-8	08/09/2007[19]	6.96	-	-	-	-	-	-	-	-	-	-
MW-8	11/08/2007[19]	6.96	-	-	-	-	-	-	-	-	-	-
MW-8	02/06/2008[15]	6.96	2.57	4.39	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
MW-8	05/07/2008[19]	6.96	-	-	-	-	-	-	-	-	-	-
MW-8	09/11/2008[19]	6.96	-	-	-	-	-	-	-	-	-	-
MW-8	11/10/2008[19]	6.96	-	-	-	-	-	-	-	-	-	-
MW-8	02/09/2009[15]	6.96	3.28	3.68	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
MW-8	03/31/2010	6.96	2.85	4.11	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
MW-8	05/17/2010	6.96	3.33	3.63	0.00	-	-	-	-	-	-	-
MW-8	08/26/2010[19]	6.96	4.27	2.69	0.00	-	-	-	-	-	-	-
MW-8	11/11/2010[19]	6.96	3.82	3.14	0.00	-	-	-	-	-	-	-
MW-8	03/02/2011[19]	6.96	1.66	5.30	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
MW-8	06/17/2011[19]	6.96	3.79	3.17	0.00	-	-	-	-	-	-	-
MW-8	09/08/2011[19]	6.96	2.97	3.99	0.00	-	-	-	-	-	-	-
MW-8	12/29/2011[19]	6.96	3.70	3.26	0.00	-	-	-	-	-	-	-
MW-8	03/28/2012	6.96	0.48	6.48	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
MW-8	05/31/2012[19]	6.96	1.66	5.30	0.00	-	-	-	-	-	-	-
MW-8	09/28/2012[19]	6.96	4.87	2.09	0.00	-	-	-	-	-	-	-
MW-8	12/21/2012[19]	6.96	2.28	4.68	0.00	-	-	-	-	-	-	-
MW-8	03/29/2013	6.96	3.73	3.23	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5

TABLE 1

GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 91153
3135 GIBBONS DRIVE (3126 FERNSIDE BOULEVARD)
ALAMEDA, CALIFORNIA

						FIELD PARAMETERS	*HYDROCARBONS*	*PRIMARY VOCS*				
Location	Date	*TOC*	*DTW*	*GWE*	*LNAPLT*	*Dissolved Oxygen*	*TPH-GRO*	*B*	*T*	*E*	*X*	*MTBE by SW8260*
	Units	*ft*	*ft*	*ft-amsl*	*ft*	*mg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*
q												
MW-8	06/28/2013	6.96	3.99	2.97	0.00	-	-	-	-	-	-	-
MW-8	09/20/2013	6.96	4.44	2.52	0.00	-	-	-	-	-	-	-
MW-8	12/30/2013	6.96	4.62	2.34	0.00	-	-	-	-	-	-	-
MW-8	**03/31/2014**	**6.96**	**2.73**	**4.23**	**0.00**	**-**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**
MW-9	10/17/1995	7.21	4.80	2.41	0.00	-	-	-	-	-	-	-
MW-9	10/30/1995	7.21	4.97	2.24	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5
MW-9	01/22/1996	7.21	3.40	3.81	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5
MW-9	04/24/1996	7.21	4.18	3.03	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5
MW-9	07/29/1996	7.21	4.69	2.52	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5
MW-9	10/10/1996	7.21	5.20	2.01	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5
MW-9	01/15/1997	7.21	3.31	3.90	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5
MW-9	04/03/1997	7.21	4.57	2.64	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5
MW-9	07/09/1997	7.21	5.04	2.17	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5
MW-9	10/29/1997	7.21	4.96	2.25	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5
MW-9	01/14/1998	7.21	2.40	4.81	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5
MW-9	01/20/1999	7.21	4.31	2.90	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<2.0
MW-9	04/19/1999	7.21	3.92	3.29	0.00	-	-	-	-	-	-	-
MW-9	01/25/2000	7.21	2.95	4.26	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5
MW-9	04/03/2000[19]	7.21	-	-	-	-	-	-	-	-	-	-
MW-9	07/03/2000	7.21	-	-	-	-	-	-	-	-	-	-
MW-9	10/23/2000	7.21	-	-	-	-	-	-	-	-	-	-
MW-9	01/08/2001[11]	7.21	4.59	2.62	0.00	-	<50	<0.50	<0.50	<0.50	<0.50	<2.5
MW-9	04/09/2001	7.21	-	-	-	-	-	-	-	-	-	-
MW-9	08/23/2001[19]	7.21	-	-	-	-	-	-	-	-	-	-

TABLE 1

GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 91153
3135 GIBBONS DRIVE (3126 FERNSIDE BOULEVARD)
ALAMEDA, CALIFORNIA

						FIELD PARAMETERS	*HYDROCARBONS*	*PRIMARY VOCS*				
Location	Date	*TOC*	*DTW*	*GWE*	*LNAPLT*	*Dissolved Oxygen*	*TPH-GRO*	*B*	*T*	*E*	*X*	*MTBE by SW8260*
	Units	*ft*	*ft*	*ft-amsl*	*ft*	*mg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*
q												
MW-9	11/27/2001[19]	7.21	-	-	-	-	-	-	-	-	-	-
MW-9	02/26/2002	7.21	3.75	3.46	0.00	-	<50	<0.50	<0.50	<0.50	<1.5	<2.5
MW-9	05/23/2002[19]	7.21	-	-	-	-	-	-	-	-	-	-
MW-9	08/09/2002[19]	7.21	-	-	-	-	-	-	-	-	-	-
MW-9	11/08/2002[19]	7.21	-	-	-	-	-	-	-	-	-	-
MW-9	02/07/2003	7.21	3.97	3.24	0.00	-	<50	<0.50	<0.50	<0.50	<1.5	<2.5
MW-9	05/09/2003[19]	7.21	-	-	-	-	-	-	-	-	-	-
MW-9	08/15/2003[19]	7.21	-	-	-	-	-	-	-	-	-	-
MW-9	11/14/2003[19]	7.21	-	-	-	-	-	-	-	-	-	-
MW-9	02/13/2004[15]	7.21	3.94	3.27	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
MW-9	05/14/2004[19]	7.21	-	-	-	-	-	-	-	-	-	-
MW-9	11/12/2004[19]	7.21	-	-	-	-	-	-	-	-	-	-
MW-9	02/11/2005[15]	7.21	3.66	3.55	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
MW-9	05/13/2005[19]	7.21	-	-	-	-	-	-	-	-	-	-
MW-9	08/19/2005[19]	7.21	-	-	-	-	-	-	-	-	-	-
MW-9	11/18/2005[19]	7.21	-	-	-	-	-	-	-	-	-	-
MW-9	02/10/2006[15]	7.21	3.53	3.68	0.00	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
MW-9	05/12/2006[19]	7.21	-	-	-	-	-	-	-	-	-	-
MW-9	08/11/2006[19]	7.21	-	-	-	-	-	-	-	-	-	-
MW-9	11/17/2006[19]	7.21	-	-	-	-	-	-	-	-	-	-
MW-9	02/16/2007[15]	7.21	3.50	3.71	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
MW-9	05/17/2007[19]	7.21	-	-	-	-	-	-	-	-	-	-
MW-9	08/09/2007[19]	7.21	-	-	-	-	-	-	-	-	-	-
MW-9	11/08/2007[19]	7.21	-	-	-	-	-	-	-	-	-	-
MW-9	02/06/2008[15]	7.21	3.14	4.07	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5

GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 91153
3135 GIBBONS DRIVE (3126 FERNSIDE BOULEVARD)
ALAMEDA, CALIFORNIA

						FIELD PARAMETERS	*HYDROCARBONS*	*PRIMARY VOCS*				
Location	Date	*TOC*	*DTW*	*GWE*	*LNAPLT*	*Dissolved Oxygen*	*TPH-GRO*	*B*	*T*	*E*	*X*	*MTBE by SW8260*
	Units	*ft*	*ft*	*ft-amsl*	*ft*	*mg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*
q												
MW-9	05/07/2008[19]	7.21	-	-	-	-	-	-	-	-	-	-
MW-9	09/11/2008[19]	7.21	-	-	-	-	-	-	-	-	-	-
MW-9	11/10/2008[19]	7.21	-	-	-	-	-	-	-	-	-	-
MW-9	02/09/2009[15]	7.21	3.91	3.30	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
MW-9	03/31/2010	7.21	3.16	4.05	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
MW-9	05/17/2010	7.21	3.44	3.77	0.00	-	-	-	-	-	-	-
MW-9	08/26/2010[19]	7.21	4.77	2.44	0.00	-	-	-	-	-	-	-
MW-9	11/11/2010[19]	7.21	4.29	2.92	0.00	-	-	-	-	-	-	-
MW-9	03/02/2011[19]	7.21	2.75	4.46	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
MW-9	06/17/2011[19]	7.21	3.86	3.35	0.00	-	-	-	-	-	-	-
MW-9	09/08/2011[19]	7.21	4.28	2.93	0.00	-	-	-	-	-	-	-
MW-9	12/29/2011[19]	7.21	4.58	2.63	0.00	-	-	-	-	-	-	-
MW-9	03/28/2012	7.21	2.32	4.89	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
MW-9	05/31/2012[19]	7.21	4.15	3.06	0.00	-	-	-	-	-	-	-
MW-9	09/28/2012[19]	7.21	4.96	2.25	0.00	-	-	-	-	-	-	-
MW-9	12/21/2012[19]	7.21	2.32	4.89	0.00	-	-	-	-	-	-	-
MW-9	03/29/2013	7.21	4.20	3.01	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
MW-9	06/28/2013	7.21	4.61	2.60	0.00	-	-	-	-	-	-	-
MW-9	09/20/2013	7.21	4.71	2.50	0.00	-	-	-	-	-	-	-
MW-9	12/30/2013	7.21	5.12	2.09	0.00	-	-	-	-	-	-	-
MW-9	**03/31/2014**	**7.21**	**3.16**	**4.05**	**0.00**	**-**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**
MW-10	10/17/1995	7.28	5.05	2.23	0.00	-	-	-	-	-	-	-
MW-10	10/30/1995	7.28	5.11	2.17	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	5.1
MW-10	01/22/1996	7.28	4.03	3.25	0.00	-	<50	<0.5	<0.5	<0.5	0.70	17

TABLE 1

GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 91153
3135 GIBBONS DRIVE (3126 FERNSIDE BOULEVARD)
ALAMEDA, CALIFORNIA

						FIELD PARAMETERS	*HYDROCARBONS*	*PRIMARY VOCS*				
Location	Date	*TOC*	*DTW*	*GWE*	*LNAPLT*	*Dissolved Oxygen*	*TPH-GRO*	*B*	*T*	*E*	*X*	*MTBE by SW8260*
	Units	*ft*	*ft*	*ft-amsl*	*ft*	*mg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*
q												
MW-10	04/24/1996	7.28	4.30	2.98	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	12
MW-10	07/29/1996	7.28	4.70	2.58	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	14
MW-10	10/10/1996	7.28	5.24	2.04	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5
MW-10	01/15/1997	7.28	3.35	3.93	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5
MW-10	04/03/1997	7.28	4.64	2.64	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	8.2
MW-10	07/09/1997	7.28	5.12	2.16	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5
MW-10	10/29/1997	7.28	5.10	2.18	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	5.3
MW-10	01/14/1998	7.28	3.08	4.20	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	8.6
MW-10	04/17/1998[20]	7.28	3.79	3.49	0.00	-	-	-	-	-	-	-
MW-10	07/15/1998	7.28	4.55	2.73	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	7.5
MW-10	10/27/1998	7.28	5.32	1.96	0.00	-	-	-	-	-	-	-
MW-10	01/20/1999	7.28	4.24	3.04	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<2.0
MW-10	04/19/1999	7.28	4.07	3.21	0.00	-	-	-	-	-	-	-
MW-10	07/29/1999	7.28	4.82	2.46	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<5.0/2.4[2]
MW-10	10/13/1999	7.28	4.86	2.42	0.00	-	-	-	-	-	-	-
MW-10	01/25/2000	7.28	3.00	4.28	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	4.33
MW-10	04/03/2000	7.28	3.04	4.24	0.00	-	-	-	-	-	-	-
MW-10	07/03/2000	7.28	4.00	3.28	0.00	-	<50	<0.50	<0.50	<0.50	<0.50	4.7
MW-10	10/23/2000	7.28	5.86	1.42	0.00	-	-	-	-	-	-	-
MW-10	01/08/2001[11]	7.28	3.98	3.30	0.00	-	<50	<0.50	<0.50	<0.50	<0.50	<2.5
MW-10	04/09/2001	7.28	3.74	3.54	0.00	-	-	-	-	-	-	-
MW-10	08/23/2001[21]	7.28	-	-	-	-	-	-	-	-	-	-
MW-10	11/27/2001[20]	7.28	4.13	3.15	0.00	-	-	-	-	-	-	-
MW-10	02/26/2002	7.28	3.54	3.74	0.00	-	<50	<0.50	<0.50	<0.50	<1.5	<2.5
MW-10	05/23/2002[20]	7.28	3.82	3.46	0.00	-	-	-	-	-	-	-

TABLE 1

GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 91153
3135 GIBBONS DRIVE (3126 FERNSIDE BOULEVARD)
ALAMEDA, CALIFORNIA

						FIELD PARAMETERS	*HYDROCARBONS*	*PRIMARY VOCS*				
Location	Date	*TOC*	*DTW*	*GWE*	*LNAPLT*	*Dissolved Oxygen*	*TPH-GRO*	*B*	*T*	*E*	*X*	*MTBE by SW8260*
	Units	*ft*	*ft*	*ft-amsl*	*ft*	*mg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*
q												
MW-10	08/09/2002	7.28	4.18	3.10	0.00	-	<50	<0.50	<0.50	<0.50	<1.5	<2.5
MW-10	11/08/2002[20]	7.28	3.91	3.37	0.00	-	-	-	-	-	-	-
MW-10	02/07/2003	7.28	3.61	3.67	0.00	-	<50	<0.50	<0.50	<0.50	<1.5	<2.5
MW-10	05/09/2003[20]	7.28	3.25	4.03	0.00	-	-	-	-	-	-	-
MW-10	08/15/2003[15]	7.28	4.35	2.93	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
MW-10	11/14/2003[20]	7.28	4.30	2.98	0.00	-	-	-	-	-	-	-
MW-10	02/13/2004[15]	7.28	4.27	3.01	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
MW-10	05/14/2004[20]	7.28	4.08	3.20	0.00	-	-	-	-	-	-	-
MW-10	08/13/2004[15]	7.28	3.92	3.36	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
MW-10	11/12/2004[20]	7.28	3.98	3.30	0.00	-	-	-	-	-	-	-
MW-10	02/11/2005[15]	7.28	4.07	3.21	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
MW-10	05/13/2005[20]	7.28	4.01	3.27	0.00	-	-	-	-	-	-	-
MW-10	08/19/2005[15]	7.28	3.69	3.59	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
MW-10	11/18/2005[20]	7.28	3.86	3.42	0.00	-	-	-	-	-	-	-
MW-10	02/10/2006[15]	7.28	3.94	3.34	0.00	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
MW-10	05/12/2006[20]	7.28	4.07	3.21	0.00	-	-	-	-	-	-	-
MW-10	08/11/2006[15]	7.28	4.21	3.07	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
MW-10	11/17/2006[20]	7.28	3.83	3.45	0.00	-	-	-	-	-	-	-
MW-10	02/16/2007[15]	7.28	3.87	3.41	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
MW-10	05/17/2007[20]	7.28	3.71	3.57	0.00	-	-	-	-	-	-	-
MW-10	08/09/2007[21]	7.28	-	-	-	-	-	-	-	-	-	-
MW-10	11/08/2007[21]	7.28	-	-	-	-	-	-	-	-	-	-
MW-10	02/06/2008[21]	7.28	-	-	-	-	-	-	-	-	-	-
MW-10	05/07/2008[21]	7.28	-	-	-	-	-	-	-	-	-	-
MW-10	09/11/2008[15]	7.28	4.63	2.65	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5

GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 91153
3135 GIBBONS DRIVE (3126 FERNSIDE BOULEVARD)
ALAMEDA, CALIFORNIA

						FIELD PARAMETERS	*HYDROCARBONS*	*PRIMARY VOCS*				
Location	Date	*TOC*	*DTW*	*GWE*	*LNAPLT*	*Dissolved Oxygen*	*TPH-GRO*	*B*	*T*	*E*	*X*	*MTBE by SW8260*
	Units	*ft*	*ft*	*ft-amsl*	*ft*	*mg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*
q												
MW-10	11/10/2008[20]	7.28	4.28	3.00	0.00	-	-	-	-	-	-	-
MW-10	02/09/2009[15]	7.28	2.17	5.11	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
MW-10	05/28/2009	7.28	3.69	3.59	0.00	-	-	-	-	-	-	-
MW-10	08/18/2009[15]	7.28	4.07	3.21	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
MW-10	11/17/2009	7.28	4.12	3.16	0.00	-	-	-	-	-	-	-
MW-10	03/31/2010	7.28	3.43	3.85	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
MW-10	05/17/2010	7.28	3.53	3.75	0.00	-	-	-	-	-	-	-
MW-10	08/26/2010	7.28	4.33	2.95	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
MW-10	11/11/2010[20]	7.28	4.34	2.94	0.00	-	-	-	-	-	-	-
MW-10	03/02/2011[20]	7.28	3.33	3.95	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
MW-10	06/17/2011[20]	7.28	3.92	3.36	0.00	-	-	-	-	-	-	-
MW-10	09/08/2011[20]	7.28	3.95	3.33	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
MW-10	12/29/2011[20]	7.28	4.00	3.28	0.00	-	-	-	-	-	-	-
MW-10	03/28/2012	7.28	2.96	4.32	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
MW-10	05/31/2012[20]	7.28	3.90	3.38	0.00	-	-	-	-	-	-	-
MW-10	09/28/2012	7.28	3.60	3.68	0.00		<50	<0.5	<0.5	<0.5	<0.5	<0.5
MW-10	12/21/2012[20]	7.28	3.44	3.84	0.00	-	-	-	-	-	-	-
MW-10	03/29/2013	7.28	2.95	4.33	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
MW-10	06/28/2013	7.28	3.50	3.78	0.00	-	-	-	-	-	-	-
MW-10	09/20/2013	7.28	3.37	3.91	0.00	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
MW-10	12/30/2013	7.28	3.09	4.19	0.00	-	-	-	-	-	-	-
MW-10	**03/31/2014**	**7.28**	**3.35**	**3.93**	**0.00**	**-**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**
C-2	09/04/1986	-	-	-	-	-	1,100	49	18	84	-	-
C-2	07/22/1987	-	-	-	-	-	<50	1.8	<1.0	<4.0	-	-

TABLE 1

GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 91153
3135 GIBBONS DRIVE (3126 FERNSIDE BOULEVARD)
ALAMEDA, CALIFORNIA

						FIELD PARAMETERS	*HYDROCARBONS*	*PRIMARY VOCS*				
Location	Date	*TOC*	*DTW*	*GWE*	*LNAPLT*	*Dissolved Oxygen*	*TPH-GRO*	*B*	*T*	*E*	*X*	*MTBE by SW8260*
	Units	*ft*	*ft*	*ft-amsl*	*ft*	*mg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*
q												
TMW-1	11/11/1993	-	-	-	-	-	<1.0	<0.5	<0.5	<0.5	<0.5	-
3115A GIBBONS DR.	01/14/1998	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5
QA	02/14/1990	-	-	-	-	-	<50	<0.5	1.1	<0.5	<0.5	-
QA	09/06/1991	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-
QA	12/15/1991	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-
QA	03/03/1992	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-
QA	06/04/1992	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-
QA	10/13/1992	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-
QA	01/11/1993	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-
QA	04/14/1993	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-
QA	07/13/1993	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-
QA	10/19/1993	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<1.5	-
QA	01/27/1994	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-
QA	04/07/1994	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-
QA	07/01/1994	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-
QA	10/05/1994	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-
QA	01/12/1995	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-
QA	04/26/1995	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-
QA	07/12/1995	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-
QA	10/30/1995	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-
QA	01/22/1996	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5
QA	04/24/1996	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5

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						FIELD PARAMETERS	*HYDROCARBONS*	*PRIMARY VOCS*				
Location	Date	*TOC*	*DTW*	*GWE*	*LNAPLT*	*Dissolved Oxygen*	*TPH-GRO*	*B*	*T*	*E*	*X*	*MTBE by SW8260*
	Units	*ft*	*ft*	*ft-amsl*	*ft*	*mg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*
q												
QA	07/29/1996	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5
QA	01/15/1997	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5
QA	04/03/1997	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5
QA	07/09/1997	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5
QA	10/29/1997	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5
QA	01/14/1998	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5
QA	04/17/1998	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5
QA	07/15/1998	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5
QA	10/27/1998	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5
QA	01/20/1999	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<2.0
QA	04/19/1999	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5
QA	07/29/1999	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<5.0
QA	10/13/1999	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5
QA	01/25/2000	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5
QA	04/03/2000	-	-	-	-	-	<50	<0.50	<0.50	<0.50	<0.50	<2.5
QA	07/03/2000	-	-	-	-	-	<50	<0.50	<0.50	<0.50	<0.50	<2.5
QA	10/23/2000	-	-	-	-	-	<50	<0.50	<0.50	<0.50	<0.50	<2.5
QA	01/08/2001[11]	-	-	-	-	-	<50	<0.50	<0.50	<0.50	<0.50	<2.5
QA	04/09/2001	-	-	-	-	-	<50.0	<0.500	<2.00	<0.500	<2.00	<0.500
QA	08/23/2001	-	-	-	-	-	<50	<0.50	<0.50	<0.50	<0.50	<2.5
QA	11/27/2001	-	-	-	-	-	<50	<0.50	<0.50	<0.50	<1.5	<2.5
QA	02/26/2002	-	-	-	-	-	<50	<0.50	<0.50	<0.50	<1.5	<2.5
QA	05/23/2002	-	-	-	-	-	<50	<0.50	<0.50	<0.50	<1.5	<2.5
QA	08/09/2002	-	-	-	-	-	<50	<0.50	<0.50	<0.50	<1.5	<2.5
QA	11/08/2002	-	-	-	-	-	<50	<0.50	<0.50	<0.50	<1.5	<2.5

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						FIELD PARAMETERS	*HYDROCARBONS*	*PRIMARY VOCS*				
Location	Date	*TOC*	*DTW*	*GWE*	*LNAPLT*	*Dissolved Oxygen*	*TPH-GRO*	*B*	*T*	*E*	*X*	*MTBE by SW8260*
	Units	*ft*	*ft*	*ft-amsl*	*ft*	*mg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*
q												
QA	02/07/2003	-	-	-	-	-	<50	<0.50	<0.50	<0.50	<1.5	<2.5
QA	05/09/2003	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<1.5	<2.5
QA	08/15/2003[15]	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
QA	11/14/2003	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
QA	02/13/2004[15]	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
QA	05/14/2004[15]	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
QA	08/13/2004[15]	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
QA	11/12/2004[15]	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
QA	02/11/2005[15]	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
QA	05/13/2005[15]	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
QA	08/19/2005[15]	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
QA	11/18/2005[15]	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
QA	02/10/2006[15]	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
QA	05/12/2006[15]	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
QA	08/11/2006[15]	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
QA	11/17/2006[15]	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
QA	02/16/2007[15]	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
QA	05/17/2007[15]	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
QA	08/09/2007[15]	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
QA	11/08/2007[15]	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
QA	02/06/2008[15]	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
QA	05/07/2008[15]	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
QA	09/11/2008[15]	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
QA	11/10/2008[15]	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
QA	02/09/2009[15]	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5

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3135 GIBBONS DRIVE (3126 FERNSIDE BOULEVARD)
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						FIELD PARAMETERS	*HYDROCARBONS*	*PRIMARY VOCS*				
Location	Date	*TOC*	*DTW*	*GWE*	*LNAPLT*	*Dissolved Oxygen*	*TPH-GRO*	*B*	*T*	*E*	*X*	*MTBE by SW8260*
	Units	*ft*	*ft*	*ft-amsl*	*ft*	*mg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*
q												
QA	05/28/2009[15]	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
QA	08/18/2009[15]	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
QA	03/31/2010	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
QA	08/26/2010	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
QA	03/02/2011	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
QA	09/08/2011	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
QA	03/28/2012	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
QA	09/28/2012	-	-	-			<50	<0.5	<0.5	<0.5	<0.5	<0.5
QA	03/29/2013	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
QA	09/20/2013	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
QA	**03/31/2014**	**-**	**-**	**-**	**-**	**-**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<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

(ft-amsl) = Feet above mean sea level

ft = Feet

mg/L - Milligrams per liter

µg/L = Micrograms per liter

TPH-GRO = Total petroleum hydrocarbons - gasoline range organics

VOCS = Volatile organic compounds

B = Benzene

TABLE 1

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ALAMEDA, CALIFORNIA

						FIELD PARAMETERS	*HYDROCARBONS*	*PRIMARY VOCS*				
Location	Date	*TOC*	*DTW*	*GWE*	*LNAPLT*	*Dissolved Oxygen*	*TPH-GRO*	*B*	*T*	*E*	*X*	*MTBE by SW8260*
	Units	*ft*	*ft*	*ft-amsl*	*ft*	*mg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*

q

T = Toluene

E = Ethylbenzene

X = Xylenes (Total)

MTBE = Methyl tert butyl ether

J = Estimated value (the result ≥ the method detection limit < the limit of quantition)

-- = Not available / not applicable

<x = Not detected above laboratory method detection limit

**	GWE has been corrected due to the presence of LNAPL; correction factor: [(TOC - DTW) + (LNAPLT x 0.80)].
1	Laboratory report indicates EPA 8010 were not detected (ND)
2	MTBE confirmed
3	Chromatogram report indicates an unidentified hydrocarbon
4	ORC installed
5	TOC elevation altered due to well head maintenance
6	Laboratory report indicates gasoline C6-C12
7	ORC in well
8	Laboratory report indicates Dissolved Oxygen was 1.50 parts per million (ppm) by EPA Method 360.1
9	Laboratory report indicates Dissolved Oxygen was 0.300 ppm by EPA Method 360.1
10	Laboratory report indicates sample originally shot in hold time at a raise D.L. re-analyzed and reported past hold time
11	Laboratory report indicates this sample was analyzed outside of the EPA recommended holding time
12	Laboratory report indicates unidentified hydrocarbons C6-C12
13	Laboratory report indicates hydrocarbon pattern is present in the requested fuel quantitation range but does not resemble the pattern of the requested fuel
14	ORC removed
15	BTEX and MTBE by EPA Method 8260
16	Laboratory confirmed analytical result
17	The vial submitted did not have pH<2. The pH of this sample used for the undiluted analysis was pH = 3

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						FIELD PARAMETERS	*HYDROCARBONS*	*PRIMARY VOCS*				
Location	Date	*TOC*	*DTW*	*GWE*	*LNAPLT*	*Dissolved Oxygen*	*TPH-GRO*	*B*	*T*	*E*	*X*	*MTBE by SW8260*
	Units	*ft*	*ft*	*ft-amsl*	*ft*	*mg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*

q

18 Not sampled due to the presence of LNAPL in the well.

19 Sampled annually.

20 Sampled semi-annually

21 Inaccessible

ATTACHMENT A

MONITORING DATA PACKAGE

BLAINE™
TECH SERVICES

April 28, 2014

Chevron Environmental Management Company
Alexis Fischer
6101 Bollinger Canyon Rd.
San Ramon, CA 94583

First Quarter 2014 Monitoring at
Chevron Service Station 91153
3135 Gibbons Dr
Alameda, CA

Monitoring performed on March 31, 2014

Blaine Tech Services, Inc. Groundwater Monitoring Event 140331-PC1

This submission covers the routine monitoring of groundwater wells conducted on March 31, 2014 at this location. Nine monitoring wells were measured for depth to groundwater (DTW). Eight 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. 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.

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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 Blaine Tech 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
Wellhead Inspection Form
Bill of Lading
Calibration Log

cc: CRA
Attn: Nathan Lee
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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 product.

TRADITIONAL PURGING & SAMPLING

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.

Sample Collection

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.

Dewatered Wells

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

Measuring Recharge

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

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

Dissolved Oxygen Measurements

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

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.

Oxidation Reduction Potential Measurements (ORP)

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

LOW FLOW SAMPLING USING SAMPLE-PRO BLADDER PUMP

Calibration

Calibrate YSI Flow Cell as per manufacturer's specifications. Thoroughly rinse probe and cup between parameters. Calibration order as follows:

1. pH (use 3-point calibration of 7, 4, 10)
2. Oxygen Reduction Potential (ORP)
3. Specific Conductance
4. Dissolved Oxygen (DO) (calibrate simulating 100% oxygen saturation)

Purging & Sampling Collection

1. Insert new bladder into Sample-Pro pump housing.
2. Remove dedicated PE tubing from the well or start with new PE tubing cut to the required length.
3. Attach the PE tubing to the Sample-Pro Bladder Pump.
4. Gently lower the Sample-Pro Bladder Pump, and PE tubing into the well, placing the Sample-Pro Bladder Pump intake at the center of the screened interval. Take care to minimize disturbance to the water column.
5. Direct effluent line into YSI 556 Flow Cell.
6. Set Sample-Pro Bladder Pump speed at 100 - 500 ml/min.
7. Collect water quality parameter measurements for temperature, pH, conductivity, turbidity, DO and ORP every 3-5 minutes.
8. Monitor drawdown during purging with electronic water level meter. Record water level with each parameter measurement. MAXIMUM DRAWDOWN IS 0.33 FEET.
9. Collect parameter measurements until stability is achieved. Stability is defined as three consecutive measurements where:

Temp	± 1° Celsius
pH	± 0.1
Conductivity	± 3%
Turbidity	± 10% NTU
DO	± 0.3 mg/l
ORP	± 10 Mv

10. Sample may be collected once stability is achieved and at least one system volume of water removed from the well.
11. Disconnect effluent line from YSI 556 Flow Cell.
12. Sample through effluent line while maintaining constant flow rate.
13. Remove Sample-Pro Bladder Pump, and PE tubing from well.
14. Detach and reinstall dedicated PE tubing in well.

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 or Non-Hazardous Waste Manifest to a Blaine Tech Services, Inc. facility before being transported to a Chevron approved disposal facility

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.

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. Field documentation is contemporaneous.

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 such as hose reels, pumps and bailers 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.
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.

FERROUS IRON MEASUREMENTS

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

WELL GAUGING DATA

Project # 140381-P01 Date 3/3/14 Client Chevron

Site 3135 Gibbons Dr, Alameda

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
C-1	1115	3	S/O	2.53	0.02	—	2.55	—		sock
C-3	1040	3					2.79	18.96		
MW-4	0805	2					3.11	12.80		
MW-5	0808	2					1.90 W	12.38		
MW-6	0810	2					3.05	13.50		
MW-7	0815	2	O				3.68	5.89		
MW-8	0814	2					2.73	9.17		
MW-9	0818	2					3.16	8.45		
MW-10	0856	2					3.35	8.90		

CHEVRON WELL MONITORING DATA SHEET

Project #: 140331-PC	Station #: 9-1163
Sampler: JD	Date: 3-31-14
Weather: cloudy	Ambient Air Temperature:
Well I.D.: C-1	Well Diameter: 2 3 4 6 8 ____
Total Well Depth: ———	Depth to Water: 2.55
Depth to Free Product: 2.53	Thickness of Free Product (feet): 0.02
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]:	

Purge Method:

Bailer / Waterra
Disposable Bailer / Peristaltic
Positive Air Displacement / Extraction Pump
Electric Submersible / Other_____

Sampling Method: Bailer

Disposable Bailer
Extraction Port
Dedicated Tubing
Other: _____

_____(Gals.) X _____ = _____ 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
	SPH	In	well	NO Sample	taken	

Did well dewater? Yes No Gallons actually evacuated:

Sampling Date: Sampling Time: Depth to Water:

Sample I.D.: Laboratory: Lancaster Other_____

Analyzed for: TPH-G BTEX MTBE OXYS Other:

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

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

CHEVRON WELL MONITORING DATA SHEET

Project #: 140331-PC1	Station #: ~~140331-PC1~~ PC 9-1153
Sampler: PC	Date: 3/31/14
Weather: cloudy	Ambient Air Temperature: 51 °F
Well I.D.: C-3	Well Diameter: 2 (3) 4 6 8 ____
Total Well Depth: 18.96	Depth to Water: 2.79
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 6.02	

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: _____

6	(Gals.) X	3	=	18	Gals.
1 Case Volume		Specified Volumes		Calculated Volume	

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1050	57.5	7.36	644.0	210	6	
1100	57.9	7.33	633.6	186	12	
1110	57.8	7.39	615.5	286	18	

Did well dewater? Yes (No) Gallons actually evacuated: 18

Sampling Date: 3/31/14 Sampling Time: 1114 Depth to Water: 3.11

Sample I.D.: C-3 Laboratory: (Lancaster) Other_____

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

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

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

CHEVRON WELL MONITORING DATA SHEET

Project #: 140351-PC1	Station #: 9-1153
Sampler: PC	Date: 3/31/14
Weather: cloudy	Ambient Air Temperature: 50°F
Well I.D.: MW-4	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 12.80	Depth to Water: 3.11
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 5.05	

Purge Method:

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

Sampling Method: Bailer

(Disposable Bailer)
Extraction Port
Dedicated Tubing
Other: ____

1.6 (Gals.) X	3	=	4.8 Gals.
1 Case Volume	Specified Volumes		Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
0920	61.9	6.82	884.4	226	1.6	
0923	62.9	6.33	920.9	702	3.2	
0927	63.1	6.37	910.4	756	4.8	

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

Sampling Date: 3/31/14 Sampling Time: 0932 Depth to Water: 3.86

Sample I.D.: MW-4 Laboratory: (Lancaster) Other____

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

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

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

CHEVRON WELL MONITORING DATA SHEET

Project #: 140531-PC1	Station #: 9-1153
Sampler: PC	Date: 3/31/14
Weather: cloudy	Ambient Air Temperature: 50°F
Well I.D.: MW-5	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 12.38	Depth to Water: 1.90
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 4.00	

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: ____

1.7 (Gals.) X	3 =	5.1 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	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
0950	64.1	6.55	544.4	816	1.7	
0954	63.9	6.56	536.8	>1000	3.4	
0958	62.8	6.43	542.4	>1000	5.1	

Did well dewater? Yes (No) Gallons actually evacuated: 5.1

Sampling Date: 3/31/14 Sampling Time: 1004 Depth to Water: 2.11

Sample I.D.: MW-5 Laboratory: (Lancaster) Other____

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

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

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

CHEVRON WELL MONITORING DATA SHEET

Project #: 140331 - Pcl	Station #: 9-163
Sampler: JD	Date: 3-31-14
Weather: clear	Ambient Air Temperature: 65°F
Well I.D.: MW-6	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 13.50	Depth to Water: 3.05
Depth to Free Product: ____	Thickness of Free Product (feet): ____
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 5.14	

Purge Method:

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

Sampling Method:

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

1.6 (Gals.) X 3 = 4.8 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
0835	61.9	6.79	572	>1000	1.6	
0837	62.0	6.83	573	>1000	3.2	
0839	62.0	6.84	573	>1000	4.8	

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

Sampling Date: 3-31-14 Sampling Time: 0845 Depth to Water: 5.10

Sample I.D.: MW-6 Laboratory: (Lancaster) Other____

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

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

D.O. (if req'd):	Pre-purge:	0.87 mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

CHEVRON WELL MONITORING DATA SHEET

Project #: 140331-PL1	Station #: 9-1153
Sampler: PC	Date: 3/31/14
Weather: cloudy	Ambient Air Temperature: 51 °F
Well I.D.: MW-7	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 5.89	Depth to Water: 3.68
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): (YSI) HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 4.12	

Purge Method:

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

Sampling Method: Bailer

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

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

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

Time	Temp (°F)	pH	Cond. (mS or (uS))	Turbidity (NTUs)	Gals. Removed	Observations
1015	62.6	6.79	961.5	>1000	0.4	fuel grey, odor
1020	well	dewatered				
1120	61.7	6.85	894.6	>1000		

Did well dewater? (Yes) No Gallons actually evacuated: 0.6

Sampling Date: 3/31/14 Sampling Time: 1120 Depth to Water: 3.79 (site Departure)

Sample I.D.: MW-7 Laboratory: (Lancaster) Other_____

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

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

D.O. (if req'd):	Pre-purge:	0.92 mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

CHEVRON WELL MONITORING DATA SHEET

Project #: 140331-Del	Station #: 9-1153
Sampler: JO	Date: 3-31-14
Weather: Cloudy	Ambient Air Temperature: 64°F
Well I.D.: MW-8	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 9.17	Depth to Water: 2.73
Depth to Free Product: —	Thickness of Free Product (feet): —
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 4.01	

Purge Method:

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

Sampling Method: ~~Bailer~~

(Disposable Bailer)	
Extraction Port	
Dedicated Tubing	
Other: _____	

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

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
0917	64.0	6.92	370	>1000	1.0	
0919	64.0	6.93	369	>1000	2.0	
0921	64.0	6.93	370	>1000	3.0	

Did well dewater? Yes (No) Gallons actually evacuated: 3.0

Sampling Date: 3-31-14 Sampling Time: 0925 Depth to Water: 3.36

Sample I.D.: MW-8 Laboratory: (Lancaster) Other_____

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

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

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

CHEVRON WELL MONITORING DATA SHEET

Project #: 140331-PCI	Station #: 9-1153
Sampler: JO	Date: 3-31-14
Weather: Cloudy	Ambient Air Temperature:
Well I.D.: MW-9	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 8.45	Depth to Water: 3.16
Depth to Free Product: —	Thickness of Free Product (feet): —
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 4.21	

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: _____

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

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

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
0905	63.1	6.87	402	>1000	0.8	
0907	63.1	6.91	404	>1000	1.6	
0909	63.1	6.92	402	>1000	2.4	

Did well dewater? Yes (No) Gallons actually evacuated: 2.4

Sampling Date: 3-31-14 Sampling Time: 0916 Depth to Water: 4.17

Sample I.D.: MW-9 Laboratory: (Lancaster) Other_____

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

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

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

CHEVRON WELL MONITORING DATA SHEET

Project #: 140331-PC1	Station #: 9-1153
Sampler: PC	Date: 3/31/14
Weather: cloudy	Ambient Air Temperature: 50°F
Well I.D.: MW-10	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 8.90	Depth to Water: 3.35
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 4.46	

Purge Method:

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

Sampling Method: Bailer

(Disposable Bailer)
Extraction Port
Dedicated Tubing
Other: _____

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

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
0900	62.0	6.90	378.1	306	0.9	
0904	59.9	6.52	396.2	816	1.8	
0907	59.1	6.46	409.1	900	2.7	

Did well dewater? Yes (No) Gallons actually evacuated: 2.7

Sampling Date: 3/31/14 Sampling Time: 0912 Depth to Water: 4.32

Sample I.D.: MW-10 Laboratory: (Lancaster) Other_____

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

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

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

040114-04 05 Kgh 4/1/14

CHAIN OF CUSTODY FORM

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

Chevron Site Number: 91153

Chevron Site Global ID: T0600100330

Chevron Site Address: 3135 Gibbons Dr., Alameda, CA

Chevron PM: ~~CATALINA DEVINE~~ Brian Waite

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, CA

Consultant Contact: Nathan Lee

Consultant Phone No. 510-420-3333

Consultant Project No. 140331-PC1

Sampling Company: Blaine Tech Services

Sampled By (Print): P. Cornish, J. Ortiz

Sampler Signature: [signature] / [signature]

Charge Code: NWRTB-0091153-0-OML
NWRTB 00SITE NUMBER-0- WBS
(WBS ELEMENTS:
SITE ASSESSMENT: A1L REMEDIATION IMPLEMENTATION: R5L
SITE MONITORING: OML OPERATION MAINTENANCE & MONITORING: M1L

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

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

Other Lab

Temp. Blank Time	Check Temp.
1200	0°c
1400	0°c
1600	0°c

ANALYSES REQUIRED: EPA 8260B/GC/MS (TPH-G ☐ BTEX ☒ MTBE ☒ OXYGENATES ☐ HVOC ☐); EPA 8015B (GRO ☒ DRO ☐ ORO ☐ HC SCREEN ☐); EPA 8021B BTEX ☐ MTBE ☐; EPA 6010 Ca, Fe, K, Mg, Mn, Na; EPA6010/7000 TITLE 22 METALS ☐ TTLC ☐ STLC ☐; EPA150.1 PH ☐; EPA 310.1 ALKALINITY ☐; SM2510B SPECIFIC CONDUCTIVITY; EPA 418.1 TRPH ☐; EPA 413.1 OIL & GREASE ☐; EPA 8260 ETHANOL; EPA 8015 TPH-D ☐

Preservation Codes: H =HCL T= Thiosulfate; N =HNO₃ B = NaOH; S = H₂SO₄ O = Other

10991
1463952
741685-05

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

Field Point Name	Matrix	Top Depth	Date (yymmdd)	Sample Time	# of Containers	Container Type	EPA 8260B/GC/MS	EPA 8015B	EPA 8021B	EPA 6010	EPA6010/7000	EPA150.1	EPA 310.1	SM2510B	EPA 418.1	EPA 413.1	EPA 8260 Ethanol	EPA 8015 TPH-D		Notes/Comments
C-3	W		140331	1114	6	voas	X	X												
MW-4	↓		↓	0932	↓	↓	X	X												
MW-5				1004			X	X												
MW-6		~~0845~~		0845			X	X												
MW-7				1120			X	X												
MW-8		~~0925~~		0925			X	X												
MW-9		~~0915~~		0915			X	X												
MW-10				0917			X	X												
QA	T	~~0800~~		0800	2		X	X												

Relinquished By	Company	Date/Time	Relinquished To	Company	Date/Time
[signature]	BTS	3/31/14 1600	[signature] (SC)	BTS	3/31/14 1600
[signature] (SC)	BTS	4/1/14 1210	[signature]	LLI	4/1/14 1210
[signature]	LLI	01APR14 1635	UPS		

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

Sample Integrity: (Check by lab on arrival)
Intact: ✓ On Ice: ✓ Temp: 0.3-1.9
COC #

[signature] ELLE 4.2.14 955

WELLHEAD INSPECTION CHECKLIST

Client Chevron Date 3/31/14

Site Address 3135 Gibbons Dr., Alameda.

Job Number 140331-P01 Technician P. Cormier

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
C-1	X									
C-3	X									
MW-4		X	X							X
MW-5		X	X							X
MW-6	X	X	X	X						
MW-7		X	X							X
MW-8		X	X					X		
MW-9		X	X							X
MW-10	X			X						

NOTES: MW-4, MW-5 2/2 bolts missing; 2/2 tabs missing
MW-7 3/3 tabs stripped, MW-8 - 2/2 Bolts, MW-9 - 3/3 Bolts

CHEVRON-NORTHERN CALIFORNIA TYPE **A** BILL OF LADING BILL OF LADING No._____

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:

9-1153 — CHEVRON #

Brian White — Chevron Engineer

3135 Gibbons Dr. — street number / street name

Alameda — city

CA — state

WELL I.D.	GALS.	WELL I.D.	GALS.
C-3	18		
MW-6	4.8		
MW-8	3.0		
MW-9	2.4		
MW-7	0.6		
MW-10	2.7		
MW-4	4.8		
MW-5	5.1		
added equip. rinse water	2.6	any other adjustments	

TOTAL GALS. RECOVERED 44

loaded onto BTS vehicle # 81

BTS event # 140331-PC1 — time 1100 — date 3/31/14

Transporter signature [signature]

****

REC'D AT BTS — time ~~1530~~ 1530 — date 3/31/14

Unloaded/received by signature [signature]

TEST EQUIPMENT CALIBRATION LOG

PROJECT NAME Chevron 9-1153				PROJECT NUMBER 140631-PC1			
EQUIPMENT NAME	EQUIPMENT NUMBER	DATE/TIME OF TEST	STANDARDS USED	EQUIPMENT READING	CALIBRATED TO: OR WITHIN 10%:	TEMP.	INITIALS
Myron L Ultra Meter	6222814	3-31-14 0830	7/10/4 3900µs	7.00, 10.00 4.00 3900µs	yes	16°C	L
↓	6213897	3/31/14	7/10/4 pH 3900 µs	4.00/7.01/10.00 3902	Y	158	R

ATTACHMENT B

LABORATORY ANALYTICAL REPORT

ANALYTICAL RESULTS

Prepared by:

Eurofins Lancaster Laboratories Environmental
2425 New Holland Pike
Lancaster, PA 17601

Prepared for:

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

April 14, 2014

Project: 91153

Submittal Date: 04/02/2014
Group Number: 1463952
PO Number: 0015124968
Release Number: HOPKINS/WAITE
State of Sample Origin: CA

Client Sample Description	Lancaster Labs (LL) #
C-3-W-140331 NA Water	7416857
MW-4-W-140331 NA Water	7416858
MW-5-W-140331 NA Water	7416859
MW-6-W-140331 NA Water	7416860
MW-7-W-140331 NA Water	7416861
MW-8-W-140331 NA Water	7416862
MW-9-W-140331 NA Water	7416863
MW-10-W-140331 NA Water	7416864
QA-T-140331 NA Water	7416865

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: Ian Hull
ELECTRONIC COPY TO	CRA	Attn: Nathan Lee

Respectfully Submitted,

Nicole L. Maljovec
Principal Specialist Group Leader

(717) 556-7259

Sample Description: C-3-W-140331 NA Water
Facility# 91153 BTST
3135 Gibbons-Alameda T0600100330

LL Sample # WW 7416857
LL Group # 1463952
Account # 10991

Project Name: 91153

Collected: 03/31/2014 11:14 by PC

Submitted: 04/02/2014 09:55
Reported: 04/14/2014 12:29

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

GAC3-

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

General Sample Comments

CA ELAP Lab Certification No. 2792; CA NELAP Lab Certification No. 10276CA

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	D140992AA	04/09/2014 12:08	Daniel H Heller	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	D140992AA	04/09/2014 12:08	Daniel H Heller	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	14092C20A	04/03/2014 17:49	Marie D Beamenderfer	1
01146	GC VOA Water Prep	SW-846 5030B	1	14092C20A	04/03/2014 17:49	Marie D Beamenderfer	1

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

Sample Description: MW-4-W-140331 NA Water
Facility# 91153 BTST
3135 Gibbons-Alameda T0600100330

LL Sample # WW 7416858
LL Group # 1463952
Account # 10991

Project Name: 91153

Collected: 03/31/2014 09:32 by PC

Submitted: 04/02/2014 09:55
Reported: 04/14/2014 12:29

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

GAMW4

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

General Sample Comments

CA ELAP Lab Certification No. 2792; CA NELAP Lab Certification No. 10276CA

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	D140992AA	04/09/2014 13:18	Daniel H Heller	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	D140992AA	04/09/2014 13:18	Daniel H Heller	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	14092C20A	04/03/2014 18:17	Marie D Beamenderfer	1
01146	GC VOA Water Prep	SW-846 5030B	1	14092C20A	04/03/2014 18:17	Marie D Beamenderfer	1

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

Sample Description: MW-5-W-140331 NA Water
Facility# 91153 BTST
3135 Gibbons-Alameda T0600100330

LL Sample # WW 7416859
LL Group # 1463952
Account # 10991

Project Name: 91153

Collected: 03/31/2014 10:04 by PC

Submitted: 04/02/2014 09:55
Reported: 04/14/2014 12:29

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

GAMW5

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

General Sample Comments

CA ELAP Lab Certification No. 2792; CA NELAP Lab Certification No. 10276CA

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	D140992AA	04/09/2014 13:41	Daniel H Heller	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	D140992AA	04/09/2014 13:41	Daniel H Heller	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	14092C20A	04/03/2014 18:45	Marie D Beamenderfer	1
01146	GC VOA Water Prep	SW-846 5030B	1	14092C20A	04/03/2014 18:45	Marie D Beamenderfer	1

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

Sample Description: MW-6-W-140331 NA Water
Facility# 91153 BTST
3135 Gibbons-Alameda T0600100330

LL Sample # WW 7416860
LL Group # 1463952
Account # 10991

Project Name: 91153

Collected: 03/31/2014 08:45 by PC

Submitted: 04/02/2014 09:55
Reported: 04/14/2014 12:29

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

GAMW6

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

General Sample Comments

CA ELAP Lab Certification No. 2792; CA NELAP Lab Certification No. 10276CA

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	D140992AA	04/09/2014 14:04	Daniel H Heller	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	D140992AA	04/09/2014 14:04	Daniel H Heller	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	14092C20A	04/03/2014 19:12	Marie D Beamenderfer	1
01146	GC VOA Water Prep	SW-846 5030B	1	14092C20A	04/03/2014 19:12	Marie D Beamenderfer	1

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

Sample Description: MW-7-W-140331 NA Water
Facility# 91153 BTST
3135 Gibbons-Alameda T0600100330

LL Sample # WW 7416861
LL Group # 1463952
Account # 10991

Project Name: 91153

Collected: 03/31/2014 11:20 by PC

Submitted: 04/02/2014 09:55
Reported: 04/14/2014 12:29

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

GAMW7

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		ug/l	ug/l	ug/l	
10943	Benzene	71-43-2	N.D.	0.5	1	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1	1
10943	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	1	1
10943	Toluene	108-88-3	N.D.	0.5	1	1
10943	Xylene (Total)	1330-20-7	N.D.	0.5	1	1
GC Volatiles	**SW-846 8015B**		ug/l	ug/l	ug/l	
01728	TPH-GRO N. CA water C6-C12	n.a.	350	50	100	1

General Sample Comments

CA ELAP Lab Certification No. 2792; CA NELAP Lab Certification No. 10276CA

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	D140992AA	04/09/2014 14:27	Daniel H Heller	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	D140992AA	04/09/2014 14:27	Daniel H Heller	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	14092C20A	04/03/2014 19:40	Marie D Beamenderfer	1
01146	GC VOA Water Prep	SW-846 5030B	1	14092C20A	04/03/2014 19:40	Marie D Beamenderfer	1

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

Sample Description: MW-8-W-140331 NA Water
Facility# 91153 BTST
3135 Gibbons-Alameda T0600100330

LL Sample # WW 7416862
LL Group # 1463952
Account # 10991

Project Name: 91153

Collected: 03/31/2014 09:25 by PC

Submitted: 04/02/2014 09:55
Reported: 04/14/2014 12:29

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

GAMW8

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

General Sample Comments

CA ELAP Lab Certification No. 2792; CA NELAP Lab Certification No. 10276CA

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	D140992AA	04/09/2014 14:50	Daniel H Heller	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	D140992AA	04/09/2014 14:50	Daniel H Heller	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	14092C20A	04/03/2014 20:07	Marie D Beamenderfer	1
01146	GC VOA Water Prep	SW-846 5030B	1	14092C20A	04/03/2014 20:07	Marie D Beamenderfer	1

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

Sample Description: MW-9-W-140331 NA Water
Facility# 91153 BTST
3135 Gibbons-Alameda T0600100330

LL Sample # WW 7416863
LL Group # 1463952
Account # 10991

Project Name: 91153

Collected: 03/31/2014 09:15 by PC

Submitted: 04/02/2014 09:55
Reported: 04/14/2014 12:29

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

GAMW9

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

General Sample Comments

CA ELAP Lab Certification No. 2792; CA NELAP Lab Certification No. 10276CA

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	D140992AA	04/09/2014 15:13	Daniel H Heller	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	D140992AA	04/09/2014 15:13	Daniel H Heller	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	14092C20A	04/03/2014 20:35	Marie D Beamenderfer	1
01146	GC VOA Water Prep	SW-846 5030B	1	14092C20A	04/03/2014 20:35	Marie D Beamenderfer	1

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

Sample Description: MW-10-W-140331 NA Water
Facility# 91153 BTST
3135 Gibbons-Alameda T0600100330

LL Sample # WW 7416864
LL Group # 1463952
Account # 10991

Project Name: 91153

Collected: 03/31/2014 09:12 by PC

Submitted: 04/02/2014 09:55
Reported: 04/14/2014 12:29

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

GAM10

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

General Sample Comments

CA ELAP Lab Certification No. 2792; CA NELAP Lab Certification No. 10276CA

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	F141012AA	04/11/2014 07:42	Anita M Dale	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F141012AA	04/11/2014 07:42	Anita M Dale	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	14092C20A	04/03/2014 21:02	Marie D Beamenderfer	1
01146	GC VOA Water Prep	SW-846 5030B	1	14092C20A	04/03/2014 21:02	Marie D Beamenderfer	1

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

Sample Description: QA-T-140331 NA Water
Facility# 91153 BTST
3135 Gibbons-Alameda T0600100330

LL Sample # WW 7416865
LL Group # 1463952
Account # 10991

Project Name: 91153

Collected: 03/31/2014 08:00

Submitted: 04/02/2014 09:55
Reported: 04/14/2014 12:29

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

GAQA-

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

General Sample Comments

CA ELAP Lab Certification No. 2792; CA NELAP Lab Certification No. 10276CA

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	F141002AA	04/10/2014 06:46	Anita M Dale	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F141002AA	04/10/2014 06:46	Anita M Dale	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	14092C20A	04/03/2014 13:15	Marie D Beamenderfer	1
01146	GC VOA Water Prep	SW-846 5030B	1	14092C20A	04/03/2014 13:15	Marie D Beamenderfer	1

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

Quality Control Summary

Client Name: Chevron Group Number: 1463952
Reported: 04/14/14 at 12:29 PM

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: D140992AA	Sample number(s): 7416857-7416863								
Benzene	N.D.	0.5	1	ug/l	101		78-120		
Ethylbenzene	N.D.	0.5	1	ug/l	100		79-120		
Methyl Tertiary Butyl Ether	N.D.	0.5	1	ug/l	98		75-120		
Toluene	N.D.	0.5	1	ug/l	106		80-120		
Xylene (Total)	N.D.	0.5	1	ug/l	103		80-120		
Batch number: F141002AA	Sample number(s): 7416865								
Benzene	N.D.	0.5	1	ug/l	93		78-120		
Ethylbenzene	N.D.	0.5	1	ug/l	91		79-120		
Methyl Tertiary Butyl Ether	N.D.	0.5	1	ug/l	95		75-120		
Toluene	N.D.	0.5	1	ug/l	93		80-120		
Xylene (Total)	N.D.	0.5	1	ug/l	92		80-120		
Batch number: F141012AA	Sample number(s): 7416864								
Benzene	N.D.	0.5	1	ug/l	95		78-120		
Ethylbenzene	N.D.	0.5	1	ug/l	94		79-120		
Methyl Tertiary Butyl Ether	N.D.	0.5	1	ug/l	98		75-120		
Toluene	N.D.	0.5	1	ug/l	93		80-120		
Xylene (Total)	N.D.	0.5	1	ug/l	93		80-120		
Batch number: 14092C20A	Sample number(s): 7416857-7416865								
TPH-GRO N. CA water C6-C12	N.D.	50.	100	ug/l	129	131	80-139	1	30

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike
Background (BKG) = the sample used in conjunction with the duplicate

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: D140992AA	Sample number(s): 7416857-7416863 UNSPK: 7416857								
Benzene	107	97	72-134	10	30				
Ethylbenzene	106	97	71-134	8	30				
Methyl Tertiary Butyl Ether	96	88	72-126	8	30				
Toluene	108	100	80-125	8	30				
Xylene (Total)	108	99	79-125	8	30				
Batch number: F141002AA	Sample number(s): 7416865 UNSPK: P417002								
Benzene	97	97	72-134	0	30				
Ethylbenzene	94	95	71-134	0	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: 1463952
Reported: 04/14/14 at 12:29 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
Methyl Tertiary Butyl Ether	94	94	72-126	0	30				
Toluene	95	96	80-125	1	30				
Xylene (Total)	96	94	79-125	2	30				
Batch number: F141012AA	Sample number(s): 7416864 UNSPK: 7416864								
Benzene	96	93	72-134	3	30				
Ethylbenzene	95	91	71-134	3	30				
Methyl Tertiary Butyl Ether	91	89	72-126	2	30				
Toluene	94	91	80-125	3	30				
Xylene (Total)	95	93	79-125	2	30				

Surrogate Quality Control

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

Analysis Name: UST VOCs by 8260B - Water
Batch number: D140992AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
7416857	94	97	100	95
7416858	93	93	101	100
7416859	92	94	100	96
7416860	91	96	101	100
7416861	92	96	103	100
7416862	93	94	100	100
7416863	95	97	100	98
Blank	95	95	100	96
LCS	93	98	101	99
MS	92	99	100	100
MSD	93	98	100	101
Limits:	80-116	77-113	80-113	78-113

Analysis Name: UST VOCs by 8260B - Water
Batch number: F141002AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
7416865	101	99	95	95
Blank	99	97	96	97
LCS	100	101	96	98
MS	99	100	97	97
MSD	100	101	96	97
Limits:	80-116	77-113	80-113	78-113

Analysis Name: UST VOCs by 8260B - Water
Batch number: F141012AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene

*- 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: 1463952
Reported: 04/14/14 at 12:29 PM

Surrogate Quality Control

7416864	100	100	97	95
Blank	99	96	96	95
LCS	99	101	95	96
MS	101	101	96	96
MSD	100	99	96	95
Limits:	80-116	77-113	80-113	78-113

Analysis Name: TPH-GRO N. CA water C6-C12
Batch number: 14092C20A

	Trifluorotoluene-F
7416857	91
7416858	92
7416859	93
7416860	90
7416861	95
7416862	90
7416863	91
7416864	92
7416865	90
Blank	92
LCS	97
LCSD	98
Limits:	63-135

*- Outside of specification
**-This limit was used in the evaluation of the final result for the blank
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

040114-05 kd 4/1/14

CHAIN OF CUSTODY FORM

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

Chevron Site Number: 91153
Chevron Site Global ID: T0600100330
Chevron Site Address: 3135 Gibbons Dr., Alameda, CA
Chevron PM: ~~CATALINA DEVINE~~ Brian Wade
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,
CA Consultant Contact: Nathan Lee
Consultant Phone No. 510-420-3333
Consultant Project No. 140331-PM
Sampling Company: Blaine Tech Services
Sampled By (Print): P. Cornish, J. Gatz
Sampler Signature:

Charge Code: NWRTB-0091153-0-OML
NWRTB 00SITE NUMBER-0- WBS
(WBS ELEMENTS:
SITE ASSESSMENT: **A1L** REMEDIATION IMPLEMENTATION: **R5L**
SITE MONITORING: **OML** OPERATION MAINTENANCE & MONITORING: **M1L**

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

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

Other Lab

Temp. Blank Check: Time / Temp.
1200 0°C
1400 0°C
1600 0°C

ANALYSES REQUIRED

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

10991
1463952
7416857-65

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

SAMPLE ID: Field Point Name	Matrix	Top Depth	Date (yymmdd)	Sample Time	# of Containers	Container Type	EPA 8260B/GC/MS TPH-G ☐ BTEX ☒ MTBE ☒ OXYGENATES ☐ HVOC ☐	EPA 8015B GRO ☒ DRO ☐ ORO ☐ HC SCREEN ☐	EPA 8021B BTEX ☐ MTBE ☐	EPA 6010 Ca, Fe, K, Mg, Mn, Na	EPA6010/7000 TITLE 22 METALS ☐ TTLC ☐ STLC ☐	EPA150.1 PH ☐	EPA 310.1 ALKALINITY ☐	SM2510B SPECIFIC CONDUCTIVITY	EPA 418.1 TRPH ☐	EPA 413.1 OIL & GREASE ☐	EPA 8260 ETHANOL	EPA 8015 TPH-D ☐	Notes/Comments
C-3	W		140331	1114	6	VOAs	X	X											
MW-4				0932			X	X											
MW-5				1004			X	X											
MW-6		~~0845~~		0845			X	X											
MW-7				1120			X	X											
MW-8		~~0925~~		0925			X	X											
MW-9		~~0915~~		0915			X	X											
MW-10				0917			X	X											
QA	T	~~0800~~		0800	2		X	X											

Relinquished By	Company	Date/Time	Relinquished To	Company	Date/Time
	BTS	3/31/14 1600	(SC)	BTS	3/31/14 1600
(SC)	BTS	4/1/14 1210		CLI	4/1/14 1210
	CLI	04APR14 1636	UPS		

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

Sample Integrity: (Check by lab on arrival)
Intact: X On Ice: X Temp: 0.3-1.9
COC #

Bump Run ELLE 4.2.14 955

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 limit of quantitation, 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 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 ≥ 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 ≥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.

ATTACHMENT C

SORBENT SOCK DATA

CONESTOGA-ROVERS & ASSOCIATES

SORBENT SOCK EVALUATION FORM

Name: Brian Weeks	Date: 4/29/14	Project Number: 140429-BW3
Site Address: 3135 Gibbons Dr Alameda	Well ID: C-1	Weather: Clear

1) Time absorbent sock removed from well for inspection: 1215

2) Condition of sock:

a) Length of sock showing product saturation: 10"

b) Length of sock showing dryness: 10"

c) Color of sock showing product saturation: light Brown

d) Weight of the removed sock: 0.98 lbs (0.44 Kg)

e) Weight of a new/clean/dry sock: 0.36 lbs (0.17 Kg)

f) Difference in weight: (D-E) to 0.01 ounces. 0.62 lbs (0.27 Kg)

3) Picture of sock removed from well taken: ☒

4) Sock removed from well deposited into a waste drum: N/A - Sock collected into Sample Container for analysis

-Is drum labeled? N/A How full is drum? (%) N/A

5) After at least 15 minutes after removing the sock from the well, measure (to 0.01ft) from the top of the well casing. :

a) Depth to product: —

b) Depth to water: 2.71

c) Thickness of product: (b-a) 0.00

6) Size and type of sock installed 20" Pig Sock

7) Comments:

CHEVRON WELL MONITORING DATA SHEET

Project #: 140429-BW3	Station #: 9-1153
Sampler: BW	Date: 4/29/14
Weather: Clear	Ambient Air Temperature: 78°F
Well I.D.: C-1	Well Diameter: 2 (3) 4 6 8 ____
Total Well Depth: —	Depth to Water: 2.71
Depth to Free Product: —	Thickness of Free Product (feet): —
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]:	

Purge Method:
- Bailer
- Disposable Bailer
- Positive Air Displacement
- Electric Submersible
- Waterra
- Peristaltic
- Extraction Pump
- Other____

Sampling Method: Bailer
- Disposable Bailer
- Extraction Port
- Dedicated Tubing
- Other: SPH Sock

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

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

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
*Removed Absorbant sock from Well: 0.98lbs (0.44kg)						
*Cut sock into 1" Pieces into sample container -						
*Installed New sock: 0.38lbs (0.17kg)						

Did well dewater? Yes No Gallons actually evacuated: Ø

Sampling Date: 4/29/14 Sampling Time: 1225 Depth to Water: 2.71

Sample I.D.: C-1 Laboratory: (Lancaster) Other____

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

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

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