Dave Patten
Project Manager
Marketing Business Unit

Chevron Environmental Management Company
6111 Bollinger Canyon Road
San Ramon, CA 94583
Tel (925) 543-1740
Fax (925) 543-2324
drpatten@chevron.com

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

Re: Chevron Service Station No. 9-1851
451 Hegenberger Drive
Oakland, CA

I have reviewed the attached report dated December 2, 2011.

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

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

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

Sincerely,

Mark E. Bonn for/

Dave Patten
Project Manager

Attachment: Report

CONESTOGA-ROVERS & ASSOCIATES

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

December 2, 2011 Reference No. 311976

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

Re: Third Quarter 2011
Groundwater Monitoring and Sampling Report
Former Chevron Service Station 9-1851
451 Hegenberger Road
Oakland, California
Fuel Leak Case RO0000464

Dear Mr. Detterman:

Conestoga-Rovers & Associates (CRA) is submitting this *Third Quarter 2011 Groundwater Monitoring and Sampling Report* for the site referenced above (Figure 1) on behalf of Chevron Environmental Management Company. Groundwater monitoring and sampling was performed by Blaine Tech Services (Blaine Tech) of San Jose, California. Blaine Tech's October 8, 2011 *Third Quarter Monitoring* report is included as Attachment A. Current groundwater monitoring and sampling data are presented in Table 1. Lancaster Laboratories' November 16, 2011 *Analytical Results* is included as Attachment B.

RESULTS OF THIRD QUARTER 2011 EVENT

On September 30, 2011, Blaine Tech monitored and sampled the site wells per the established schedule.

Results of the current monitoring event indicate the following:

- Groundwater Flow Direction Northwest
- Hydraulic Gradient 0.06
- Depth to Water 3.75 to 6.60 feet below grade

Results of the current sampling event are presented below in Table A:

TABLE A: GROUNDWATER ANALYTICAL DATA

Well ID	*TPHmo (µg/L)*	*TPHd (µg/L)*	*TPHg (µg/L)*	*Benzene (µg/L)*	*Toluene (µg/L)*	*Ethylbenzene (µg/L)*	*Total Xylenes (µg/L)*	*MTBE (µg/L)*
ESLs	***100***	***100***	***100***	***1.0***	***40***	***30***	***20***	***5***
MW-1	<39	<50	<50	<0.5	<0.5	<0.5	<0.5	1 J
MW-2	**LNAPL**							
MW-3	<40	<50	<50	<5	<5	<5	<5	**21 J**
MW-4	<39	<50	<50	<5	<5	<5	<5	**13 J**
MW-5	43 J	<50	<50	<5	<5	<5	<5	**8 J**
MW-6	51 J	<50	<50	<0.5	<0.5	<0.5	<0.5	4 J
MW-7	48 J	<50	<50	<0.5	<0.5	<0.5	<0.5	**6**

µg/L Micrograms per liter
J Estimated Value
< Indicates constituent was not detected at or above laboratory reporting limit
ESL *Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater*, Prepared by California Regional Water Quality Control Board San Francisco Bay Region, Interim Final - November 2007, (Revised May 2008), Table F-1a-Groundwater Screening Levels-Current or Potential Drinking Water Resource.

CONCLUSIONS AND RECOMMENDATIONS

- LNAPL thickness of 0.06 feet was observed in well MW-2. LNAPL has been detected in MW-2 intermittently since December 2004 with a maximum thickness of 0.65 in June 2008.
- As requested groundwater samples were analyzed for full scan of volatile organic compounds (VOC) by EPA Method 8260 this quarter. The only VOC detected that are not in the table above were tertiary butyl alcohol at 2,200 micrograms per liter (µg/L) in MW-3, 680 µg/L and 81 µg/L in MW-7, tertiary amyl methyl ether at 0.6 µg/L in MW-6 and 0.7 µg/L in MW-7, and tertiary-butylbenzene at 1 µg/L in MW-7. These additional VOCs are constituents of petroleum hydrocarbons.
- Dissolved hydrocarbon concentrations are within historical ranges, seasonal fluctuations, and are stable or decreasing

ANTICIPATED FUTURE ACTIVITIES

Groundwater Monitoring
Blaine Tech will monitor and sample site wells per the established schedule. CRA will submit a groundwater monitoring and sampling report.

Additional Activity
CRA is currently scheduling the field activities outlined in CRA's *Work Plan for Soil Boring Addendum* dated July 1, 2011 and approved in ACEH letter dated November 3, 2011.

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

Sincerely,

CONESTOGA-ROVERS & ASSOCIATES

Nathan Lee, PG 8486

NL/aa/13
Encl.

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

cc: Mr. David Patten, Chevron *(electronic copy)*
SimGas, LLC, Property Owner

FIGURES

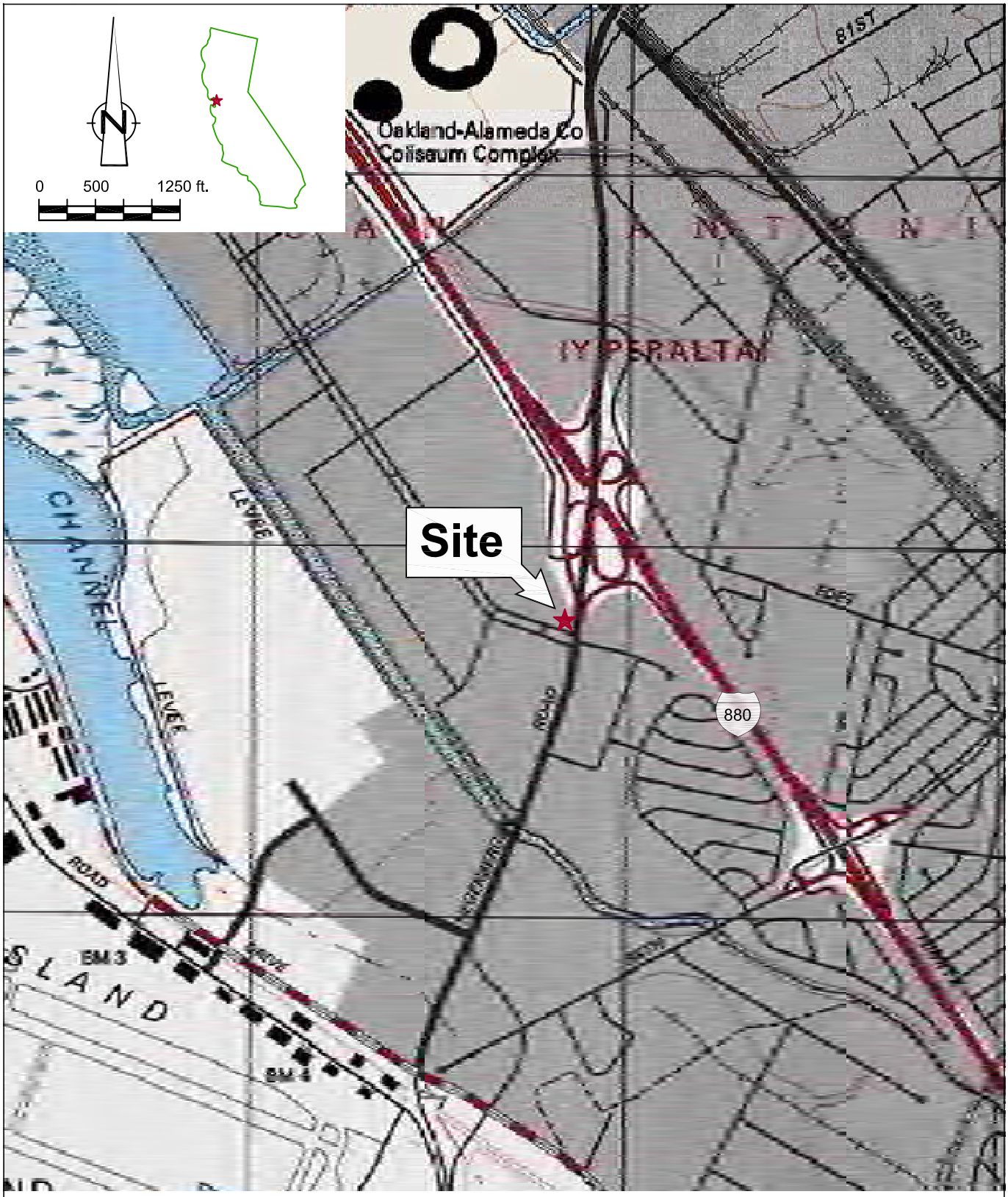

Figure 1

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

311976-95(013)GN-EM001 NOV 21/2011

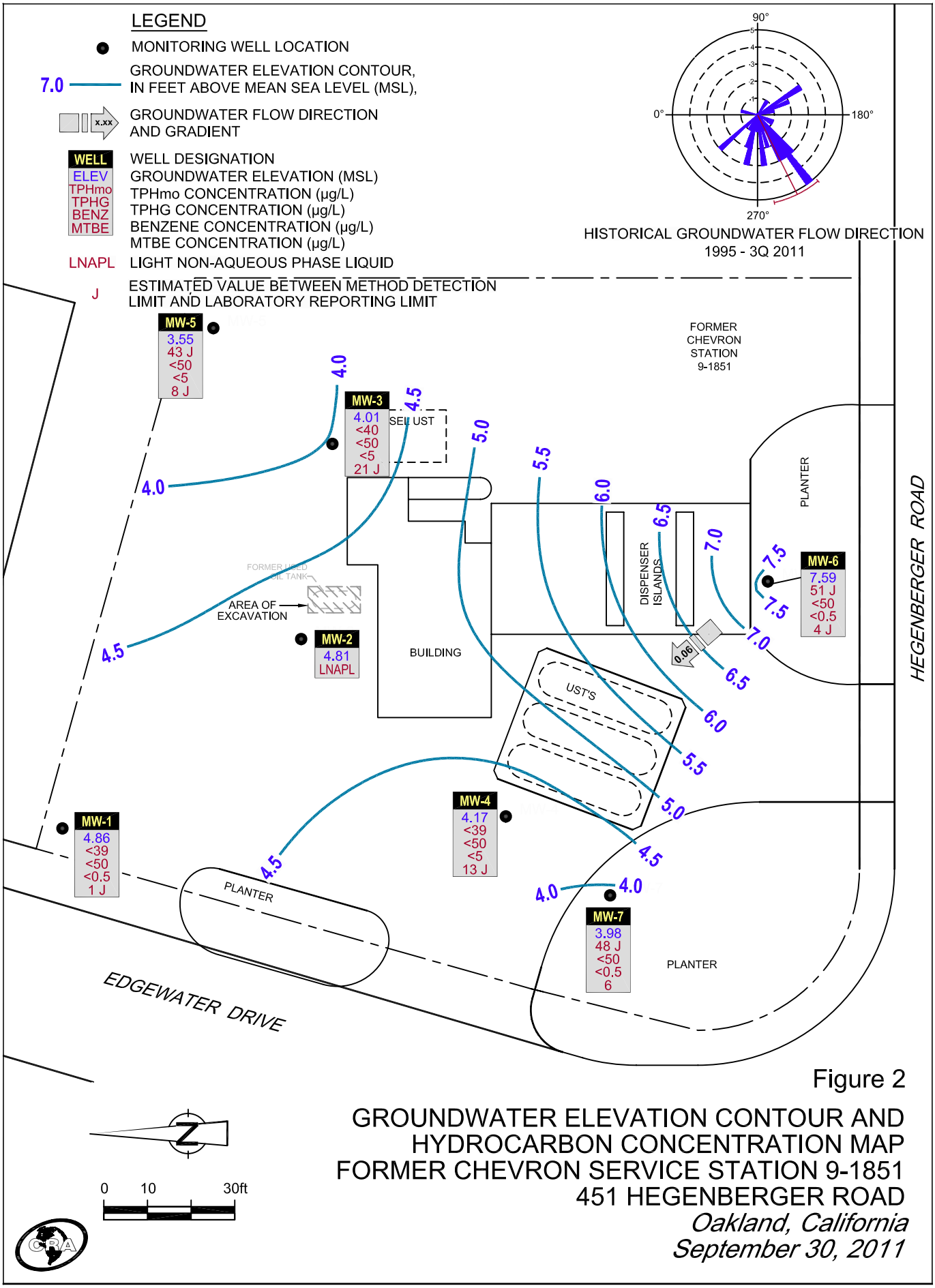

Figure 2

GROUNDWATER ELEVATION CONTOUR AND HYDROCARBON CONCENTRATION MAP
FORMER CHEVRON SERVICE STATION 9-1851
451 HEGENBERGER ROAD
Oakland, California
September 30, 2011

311976-95(013)GN-EM002 NOV 28/2011

TABLE

TABLE 1

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

							HYDROCARBONS					PRIMARY VOCS						ADDITIONAL VOCS				
Location	Date	TOC	DTW	GWE	LNAPLT	LNAPL REMOVED	Motor Oil	Motor Oil w/ Si Gel	TPH-DRO	TPH-DRO w/ Si Gel	TPH-GRO	B	T	E	X	MTBE	MTBE by SW8260	Ethanol	TBA	DIPE	ETBE	TAME
	Units	ft	ft	ft-amsl	ft	gal	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MW-1	10/17/1995	2.61	4.12	-1.51	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-
MW-1	03/29/1996	2.61	3.33	-0.72	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	9.5	-	-	-	-	-	-
MW-1	06/26/1996	2.61	3.84	-1.23	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	46	-	-	-	-	-	-
MW-1	09/25/1996	2.61	4.02	-1.41	0.00	0.00	-	-	-	-	<250	<2.5	<2.5	<2.5	<2.5	940	-	-	-	-	-	-
MW-1	12/17/1996	2.61	3.57	-0.96	0.00	0.00	-	-	-	-	<50	0.9	<0.5	<0.5	<0.5	260	-	-	-	-	-	-
MW-1	03/20/1997	2.61	4.15	-1.54	0.00	0.00	-	-	-	-	<50	<2.0	<2.0	<2.0	<2.0	76	-	-	-	-	-	-
MW-1	06/20/1997	2.61	4.33	-1.72	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	64	-	-	-	-	-	-
MW-1	09/09/1997	2.61	4.35	-1.74	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	110	-	-	-	-	-	-
MW-1	12/12/1997	2.61	3.00	-0.39	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	27	-	-	-	-	-	-
MW-1	02/19/1998	2.61	1.83	0.78	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	14	-	-	-	-	-	-
MW-1	06/23/1998	2.61	3.34	-0.73	0.00	0.00	-	-	-	-	210	<0.5	<0.5	<0.5	<0.5	3,400	-	<50,000	<10,000	<200	<200	<200
MW-1	08/31/1998	2.61	3.49	-0.88	0.00	0.00	-	-	-	-	1,400	630	<5.0	<5.0	<5.0	16,000	-	-	-	-	-	-
MW-1	12/29/1998	2.61	3.83	-1.22	0.00	0.00	-	-	-	-	<500	<5.0	<5.0	<5.0	<5.0	1,090	-	-	-	-	-	-
MW-1	03/11/1999	2.61	3.04	-0.43	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	33.9	-	-	-	-	-	-
MW-1	06/24/1999	2.61	3.38	-0.77	0.00	0.00	-	-	-	-	<500	65.7	<5.0	<5.0	<5.0	1,160	-	<10,000	<2,000	<20	<20	258
MW-1	09/29/1999	2.61	3.62	-1.01	0.00	0.00	-	-	-	-	81.7	<0.5	<0.5	<0.5	<0.5	1,130	-	-	-	-	-	-
MW-1	12/08/1999	2.61	4.07	-1.46	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	233	-	-	-	-	-	-
MW-1	03/01/2000	2.61	1.95	0.66	0.00	0.00	-	-	-	-	100	<0.5	<0.5	<0.5	<0.5	37.9	-	-	-	-	-	-
MW-1	06/19/2000	2.61	3.41	-0.80	0.00	0.00	-	-	-	-	<50	3.8	<0.50	<0.50	<0.50	88	91[2]	<500	<100	<2.0	<2.0	11
MW-1	09/30/2000	2.61	3.84	-1.23	0.00	0.00	-	-	-	-	<130	<1.3	<1.3	<1.3	<1.3	460	530[2]	-	-	-	-	-
MW-1	10/05/2000	2.61	3.93	-1.32	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	12/08/2000	8.61	4.20	4.41	0.00	0.00	-	-	-	-	<50.0	<0.500	<0.500	<0.500	<0.500	58.7	-	-	-	-	-	-
MW-1	03/03/2001[11]	8.61	2.31	6.30	0.00	0.00	-	-	-	-	<50	<0.50	<0.50	<0.50	<0.50	8.9	-	-	-	-	-	-
MW-1	06/19/2001	8.61	3.34	5.27	0.00	0.00	-	-	-	-	<50	<0.50	<0.50	<0.50	<0.50	51	-	-	-	-	-	-
MW-1	09/05/2001	8.61	3.77	4.84	0.00	0.00	-	-	-	-	<50	<0.50	<0.50	<0.50	<1.5	180	-	-	-	-	-	-
MW-1	12/10/2001	8.61	2.47	6.14	0.00	0.00	-	-	-	-	<50	<0.50	<0.50	<0.50	<1.5	21	-	-	-	-	-	-
MW-1	03/04/2002	8.61	3.13	5.48	0.00	0.00	-	-	-	-	<50	<0.50	<0.50	<0.50	<1.5	47	-	-	-	-	-	-
MW-1	06/03/2002	8.61	5.71	2.90	0.00	0.00	-	-	-	-	<50	<0.50	<0.50	<0.50	<1.5	31	-	-	-	-	-	-
MW-1	09/14/2002	8.61	3.75	4.86	0.00	0.00	-	-	-	-	<50	<0.50	<0.50	<0.50	<1.5	140	-	-	-	-	-	-
MW-1	12/13/2002	8.61	3.29	5.32	0.00	0.00	-	-	-	-	<50	<0.50	<0.50	<0.50	<1.5	<2.5	-	-	-	-	-	-
MW-1	03/14/2003	8.61	3.07	5.54	0.00	0.00	-	-	-	-	<50	<0.50	<0.50	<0.50	<1.5	35	-	-	-	-	-	-
MW-1	06/09/2003[13]	8.61	3.52	5.09	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	69	-	-	-	-	-
MW-1	09/03/2003[13]	8.61	4.12	4.49	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	1	<50	-	-	-	-
MW-1	12/01/2003[13]	8.61	3.27	5.34	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	100	<50	-	-	-	-
MW-1	03/01/2004[13]	8.61	2.06	6.55	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	26	<50	-	-	-	-
MW-1	06/02/2004[13]	8.61	3.30	5.31	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	93	<50	-	-	-	-
MW-1	09/03/2004[13]	8.61	4.14	4.47	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	140	<50	-	-	-	-

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

							HYDROCARBONS					*PRIMARY VOCS*						*ADDITIONAL VOCS*				
Location	Date	*TOC*	*DTW*	*GWE*	*LNAPLT*	*LNAPL REMOVED*	*Motor Oil*	*Motor Oil w/ Si Gel*	*TPH-DRO*	*TPH-DRO w/ Si Gel*	*TPH-GRO*	*B*	*T*	*E*	*X*	*MTBE*	*MTBE by SW8260*	*Ethanol*	*TBA*	*DIPE*	*ETBE*	*TAME*
	Units	*ft*	*ft*	*ft-amsl*	*ft*	*gal*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*
MW-1	12/20/2004[13]	8.61	3.62	4.99	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	37	<50	-	-	-	-
MW-1	03/12/2005[13]	8.61	3.04	5.57	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	130	<50	-	-	-	-
MW-1	06/28/2005[13]	8.61	3.28	5.33	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	93	<50	-	-	-	-
MW-1	09/01/2005[13]	8.61	3.58	5.03	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	59	<50	-	-	-	-
MW-1	12/01/2005[13]	8.61	3.05	5.56	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	62	<50	-	-	-	-
MW-1	03/04/2006[13]	8.61	3.31	5.30	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	88	<50	-	-	-	-
MW-1	06/01/2006[13]	8.61	3.44	5.17	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	36	<50	-	-	-	-
MW-1	09/01/2006[13]	8.61	2.99	5.62	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	18	<50	-	-	-	-
MW-1	12/15/2006[13]	8.61	2.91	5.70	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	8	<50	-	-	-	-
MW-1	03/15/2007[13]	8.61	3.43	5.18	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	17	<50	-	-	-	-
MW-1	06/15/2007[13]	8.61	3.67	4.94	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	8	<50	-	-	-	-
MW-1	09/06/2007[13]	8.61	3.42	5.19	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	3	<50	-	-	-	-
MW-1	12/07/2007[13]	8.61	3.31	5.30	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	7	<50	-	-	-	-
MW-1	03/07/2008[13]	8.61	3.45	5.16	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	9	<50	-	-	-	-
MW-1	06/24/2008[13]	8.61	3.76	4.85	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	3	<50	-	-	-	-
MW-1	09/11/2008[13]	8.61	4.50	4.11	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	9	-	-	-	-	-
MW-1	12/19/2008[13]	8.61	3.73	4.88	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	6	<50	-	-	-	-
MW-1	06/01/2009	8.61	4.77	3.84	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	3	<50	-	-	-	-
MW-1	09/30/2009	8.61	4.81	3.80	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	1	<50	-	-	-	-
MW-1	12/10/2009	8.61	3.95	4.66	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	4	<50	-	-	-	-
MW-1	12/11/2009	8.61	3.81	4.80	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	03/08/2010	8.61	2.90	5.71	0.00	0.00	-	-	-	-	<500	<0.5	<0.5	<0.5	<0.5	-	4	<50	-	-	-	-
MW-1	06/06/2010	8.61	3.40	5.21	0.00	0.00	280	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	2	<50	-	-	-	-
MW-1	09/02/2010	8.61	4.02	4.59	0.00	0.00	320	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	2	<50	-	-	-	-
MW-1	12/09/2010	8.61	3.23	5.38	0.00	0.00	320	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	3	<50	-	-	-	-
MW-1	03/23/2011	8.61	2.33	6.28	0.00	0.00	1,100	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	3	<50	-	-	-	-
MW-1	06/24/2011	8.61	3.06	5.55	0.00	0.00	-	85 J	-	<50	<50	<0.5	<0.5	<0.5	<0.5	-	1	<50	-	-	-	-
MW-1	**09/30/2011**	**8.61**	**3.75**	**4.86**	**0.00**	**0.00**	**-**	**<39**	**-**	**<50**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**-**	**1 J**	**<50**	**<5**	**<0.5**	**<0.5**	**<0.5**
MW-2	10/17/1995[3]	3.51	5.33	-1.82	0.00	0.00	-	-	1,600[4]	-	170	3.5	<0.5	1.0	6.1	-	-	-	-	-	-	-
MW-2	03/29/1996	3.51	3.95	-0.44	0.00	0.00	-	-	3,000[4]	-	89	11 / 4.7	<0.5	0.64	2.5 / 0.74	21	-	-	-	-	-	-
MW-2	06/26/1996	3.51	4.60	-1.09	0.00	0.00	-	-	2,000[4]	-	80	8.7 / 11	<0.5	1.2	<2.0 / 1.3	31	-	-	-	-	-	-
MW-2	09/25/1996	3.51	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	12/17/1996	3.51	3.92	-0.41	0.00	0.00	-	-	2,400[4]	-	110	<0.5 / 10	<0.5	0.75	<2.0 / 2.1	27	-	-	-	-	-	-
MW-2	03/20/1997	3.51	4.83	-1.32	0.00	0.00	-	-	3,400[4]	-	140	8.2	<2.0	<2.0	<2.0	58	-	-	-	-	-	-
MW-2	06/20/1997	3.51	5.04	-1.53	0.00	0.00	-	-	1,600[4]	-	62	7.7 / 7.2	<0.5	<0.5	<0.5 / <2.0	38	-	-	-	-	-	-

TABLE 1

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

							HYDROCARBONS					PRIMARY VOCS						ADDITIONAL VOCS				
Location	Date	TOC	DTW	GWE	LNAPLT	LNAPL REMOVED	Motor Oil	Motor Oil w/ Si Gel	TPH-DRO	TPH-DRO w/ Si Gel	TPH-GRO	B	T	E	X	MTBE	MTBE by SW8260	Ethanol	TBA	DIPE	ETBE	TAME
	Units	ft	ft	ft-amsl	ft	gal	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MW-2	09/09/1997	3.51	4.98	-1.47	0.00	0.00	-	-	82[4]	-	190	9.4 / 11	<0.5	<0.5	<2.0 / 0.86	48	-	-	-	-	-	-
MW-2	12/12/1997	3.51	3.91	-0.40	0.00	0.00	-	-	8,500[4]	-	180	<2.0 / 1.8	<0.5	<0.5	<2.0 / 3.2	34	-	-	-	-	-	-	-
MW-2	02/19/1998	3.51	2.96	0.55	0.00	0.00	-	-	3,800[4]	-	<100	<3.3 / 1.8	<1.0	<1.0	<3.3 / <1.0	230	-	-	-	-	-	-	-
MW-2	06/23/1998	3.51	4.05	-0.54	0.00	0.00	-	-	-	-	60	<0.5	<0.5	<0.5	<0.5	55	-	<500	<100	<2.0	<2.0	<2.0
MW-2	08/31/1998	3.51	4.31	-0.80	0.00	0.00	-	-	-	-	61	2.2	<0.5	<0.5	1.1	53	-	-	-	-	-	-	-
MW-2	12/29/1998	3.51	4.63	-1.12	0.00	0.00	-	-	-	-	54	1.3	<0.5	<0.5	0.752	38.1	-	-	-	-	-	-	-
MW-2	03/11/1999	3.51	3.52	-0.01	0.00	0.00	-	-	-	-	648	2.9	<2.0	<2.0	<2.0	73.2	-	-	-	-	-	-	-
MW-2	06/24/1999	3.51	4.00	-0.49	0.00	0.00	-	-	-	-	264	0.58	<0.5	1.01	<0.5	44.1	-	<1,000	<200	<2.0	<2.0	<2.0
MW-2	09/29/1999	3.51	4.44	-0.93	0.00	0.00	-	-	-	-	54.3	0.66	<0.5	<0.5	<0.5	35.7	-	-	-	-	-	-	-
MW-2	12/08/1999	3.51	4.89	-1.38	0.00	0.00	-	-	-	-	<50	1.27	<0.5	<0.5	<0.5	56.9	-	-	-	-	-	-	-
MW-2	03/01/2000	3.51	3.03	0.48	0.00	0.00	-	-	-	-	68	1.57	<0.5	<0.5	<0.5	110	-	-	-	-	-	-	-
MW-2	06/19/2000	3.51	4.17	-0.66	0.00	0.00	-	-	-	-	58.00[1]	1.5	<0.50	<0.50	<0.50	90	59[2]	<500	<100	<2.0	<2.0	4.0
MW-2	09/30/2000	3.51	4.66	-1.15	0.00	0.00	-	-	-	-	<50	<0.50	0.82	<0.50	1.1	48	50[2]	-	-	-	-	-	-
MW-2	10/05/2000[8,9]	3.51	4.71	-1.20	0.00	0.00	-	-	4,000[7]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	12/08/2000	9.52	4.97	4.55	0.00	0.00	-	-	-	-	<50.0	<0.500	<0.500	<0.500	<0.500	61.8	-	-	-	-	-	-	-
MW-2	03/03/2001[11]	9.52	3.27	6.25	0.00	0.00	-	-	-	-	310[12]	0.60	<0.50	<0.50	1.3	97	-	-	-	-	-	-	-
MW-2	06/19/2001	9.52	4.05	5.47	0.00	0.00	-	-	-	-	<50	<0.50	<0.50	<0.50	<0.50	30	-	-	-	-	-	-	-
MW-2	09/05/2001	9.52	4.54	4.98	0.00	0.00	-	-	-	-	<50	<0.50	1.2	<0.50	<1.5	46	-	-	-	-	-	-	-
MW-2	12/10/2001	9.52	3.45	6.07	0.00	0.00	-	-	-	-	<50	<0.50	<0.50	<0.50	<1.5	22	-	-	-	-	-	-	-
MW-2	03/04/2002	9.52	3.94	5.58	0.00	0.00	-	-	-	-	<50	<0.50	<0.50	<0.50	<1.5	61	-	-	-	-	-	-	-
MW-2	06/03/2002	9.52	4.08	5.44	0.00	0.00	-	-	-	-	<50	<0.50	<0.50	<0.50	<1.5	71	-	-	-	-	-	-	-
MW-2	09/14/2002	9.52	4.65	4.87	0.00	0.00	-	-	-	-	<50	<0.50	<0.50	<0.50	<1.5	77	-	-	-	-	-	-	-
MW-2	12/13/2002	9.52	4.31	5.21	0.00	0.00	-	-	-	-	53	<0.50	<0.50	<0.50	<1.5	44	-	-	-	-	-	-	-
MW-2	03/14/2003	9.52	3.91	5.61	0.00	0.00	-	-	-	-	<50	<0.50	<0.50	<0.50	<1.5	55	-	-	-	-	-	-	-
MW-2	06/09/2003[13]	9.52	4.33	5.19	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	67	-	-	-	-	-	-
MW-2	09/03/2003[13]	9.52	4.93	4.59	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	0.9	<50	-	-	-	-	-
MW-2	12/01/2003[13]	9.52	4.15	5.37	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	72	<50	-	-	-	-	-
MW-2	03/01/2004[13]	9.52	3.12	6.40	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	130	<50	-	-	-	-	-
MW-2	06/02/2004[13]	9.52	4.21	5.31	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	46	<50	-	-	-	-	-
MW-2	09/03/2004[13]	9.52	4.14	5.38	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	69	<50	-	-	-	-	-
MW-2	12/20/2004	9.52	4.60	4.96**	0.05	0.01[14]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	03/12/2005[13]	9.52	3.90	5.62	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	57	<50	-	-	-	-	-
MW-2	06/28/2005[13]	9.52	4.06	5.46	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	6	<50	-	-	-	-	-
MW-2	09/01/2005	9.52	4.52	5.03**	0.04	1.10[14]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	12/01/2005[13]	9.52	4.01	5.51	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	3	<50	-	-	-	-	-
MW-2	03/04/2006[13]	9.52	4.27	5.25	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	14	<50	-	-	-	-	-
MW-2	06/01/2006[13]	9.52	4.40	5.12	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	35	<50	-	-	-	-	-

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

							HYDROCARBONS					PRIMARY VOCS						ADDITIONAL VOCS				
Location	Date	TOC	DTW	GWE	LNAPLT	LNAPL REMOVED	Motor Oil	Motor Oil w/ Si Gel	TPH-DRO	TPH-DRO w/ Si Gel	TPH-GRO	B	T	E	X	MTBE	MTBE by SW8260	Ethanol	TBA	DIPE	ETBE	TAME
	Units	ft	ft	ft-amsl	ft	gal	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MW-2	09/01/2006[13]	9.52	3.90	5.62	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	31	<50	-	-	-	-
MW-2	12/15/2006[13]	9.52	3.88	5.64	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	25	<50	-	-	-	-
MW-2	03/15/2007[13]	9.52	4.27	5.25	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	15	<50	-	-	-	-
MW-2	06/15/2007[16]	9.52	4.49	5.03	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	09/06/2007[13]	9.52	4.32	5.20	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	43	<50	-	-	-	-
MW-2	12/07/2007[13]	9.52	4.46	5.06	0.00	0.00	-	-	-	-	<250[17]	<0.5	<0.5	<0.5	<0.5	-	28	<50	-	-	-	-
MW-2	03/07/2008[13]	9.52	4.38	5.15**	0.01	0.01	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	19	<50	-	-	-	-
MW-2	06/24/2008	9.52	5.16	4.88**	0.65	0.73[14]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	09/11/2008	9.52	5.50	4.30**	0.35	0.13[14]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	12/19/2008	9.52	4.80	4.75**	0.04	0.50[18]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	06/01/2009	9.52	4.90	4.62	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	09/30/2009	9.52	4.82	4.70**	0.09	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	12/10/2009	9.52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	12/11/2009	9.52	4.89	4.63**	0.10	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	03/08/2010	9.52	3.82	5.74**	0.05	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	06/06/2010	9.52	4.52	5.06**	0.07	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	09/02/2010[22]	9.52	4.89	4.67**	0.05	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	12/09/2010[22]	9.52	3.74	5.82**	0.05	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	03/23/2011[22]	9.52	3.38	8.81**	0.04	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	06/24/2011[22]	9.52	4.08	5.48**	0.05	0.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	**09/30/2011[22]**	**9.52**	**4.76**	**4.81****	**0.06**	**0.00**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
MW-3	10/17/1995[5]	3.08	4.42	-1.34	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-
MW-3	03/29/1996	3.08	3.00	0.08	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	26	-	-	-	-	-	-
MW-3	06/26/1996	3.08	3.60	-0.52	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	47	-	-	-	-	-	-
MW-3	09/25/1996	3.08	4.14	-1.06	0.00	0.00	-	-	-	-	<125	<1.2	<1.2	<1.2	<1.2	570	-	-	-	-	-	-
MW-3	12/17/1996	3.08	3.20	-0.12	0.00	0.00	-	-	-	-	<500	<5.0	<5.0	<5.0	<5.0	680	-	-	-	-	-	-
MW-3	03/20/1997	3.08	3.30	-0.22	0.00	0.00	-	-	-	-	<50	<5.7	<5.7	<5.7	<5.7	430	-	-	-	-	-	-
MW-3	06/20/1997	3.08	3.86	-0.78	0.00	0.00	-	-	-	-	<500	<5.0	<5.0	<5.0	<5.0	1,400	-	-	-	-	-	-
MW-3	09/09/1997	3.08	4.19	-1.11	0.00	0.00	-	-	-	-	76[4]	22	<0.5	<0.5	<0.5	920	-	-	-	-	-	-
MW-3	12/12/1997	3.08	2.96	0.12	0.00	0.00	-	-	-	-	52	15	<0.5	<0.5	<0.5	710	-	-	-	-	-	-
MW-3	02/19/1998	3.08	2.22	0.86	0.00	0.00	-	-	-	-	<50	6.6	<0.5	<0.5	<0.5	380	-	-	-	-	-	-
MW-3	06/23/1998	3.08	3.25	-0.17	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	390	-	<5,000	<1,000	<20	<20	26
MW-3	08/31/1998	3.08	3.86	-0.78	0.00	0.00	-	-	-	-	<50	19	<0.5	<0.5	<0.5	830	-	-	-	-	-	-
MW-3	12/29/1998	3.08	3.53	-0.45	0.00	0.00	-	-	-	-	<250	<2.5	<2.5	<2.5	<2.5	416	-	-	-	-	-	-
MW-3	03/11/1999	3.08	3.35	-0.27	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	262	-	-	-	-	-	-

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							HYDROCARBONS					*PRIMARY VOCS*						*ADDITIONAL VOCS*				
Location	Date	*TOC*	*DTW*	*GWE*	*LNAPLT*	*LNAPL REMOVED*	*Motor Oil*	*Motor Oil w/ Si Gel*	*TPH-DRO*	*TPH-DRO w/ Si Gel*	*TPH-GRO*	*B*	*T*	*E*	*X*	*MTBE*	*MTBE by SW8260*	*Ethanol*	*TBA*	*DIPE*	*ETBE*	*TAME*
	Units	*ft*	*ft*	*ft-amsl*	*ft*	*gal*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*
MW-3	06/24/1999	3.08	3.61	-0.53	0.00	0.00	-	-	-	-	<50	12.8	<0.5	<0.5	<0.5	620	-	<6,670	<1,330	<13.3	<13.3	<13.3
MW-3	09/29/1999	3.08	3.95	-0.87	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	2,840	-	-	-	-	-	-
MW-3	12/08/1999	3.08	3.54	-0.46	0.00	0.00	-	-	-	-	73.4	<0.5	<0.5	<0.5	<0.5	1,620	-	-	-	-	-	-
MW-3	03/01/2000	3.08	2.43	0.65	0.00	0.00	-	-	-	-	<200	<2.0	<2.0	<2.0	<2.0	1,880	-	-	-	-	-	-
MW-3	06/19/2000	3.08	3.38	-0.30	0.00	0.00	-	-	-	-	<250	20	<2.5	<2.5	<2.5	1,200	920[2]	570	<100	<2.0	<2.0	65
MW-3	09/30/2000	3.08	4.00	-0.92	0.00	0.00	-	-	-	-	<250	<2.5	<2.5	<2.5	<2.5	730	2,100[2]	-	-	-	-	-
MW-3	10/05/2000	3.08	4.02	-0.94	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-3	12/08/2000	9.08	3.70	5.38	0.00	0.00	-	-	-	-	<50.0	<0.500	<0.500	<0.500	<0.500	1,620	-	-	-	-	-	-
MW-3	03/03/2001[11]	9.08	2.24	6.84	0.00	0.00	-	-	-	-	<50	<0.50	<0.50	<0.50	<0.50	1,000	-	-	-	-	-	-
MW-3	06/19/2001	9.08	3.71	5.37	0.00	0.00	-	-	-	-	<120	4.8	<1.2	<1.2	<1.2	510	-	-	-	-	-	-
MW-3	09/05/2001	9.08	4.04	5.04	0.00	0.00	-	-	-	-	130	<0.50	<0.50	<0.50	<1.5	1,400	-	-	-	-	-	-
MW-3	12/10/2001	9.08	2.54	6.54	0.00	0.00	-	-	-	-	130	<0.50	<0.50	<0.50	<1.5	1,000	-	-	-	-	-	-
MW-3	03/04/2002	9.08	2.84	6.24	0.00	0.00	-	-	-	-	120	<0.50	<0.50	<0.50	<1.5	720	-	-	-	-	-	-
MW-3	06/03/2002	9.08	3.28	5.80	0.00	0.00	-	-	-	-	130	<0.50	<0.50	<0.50	<1.5	710	-	-	-	-	-	-
MW-3	09/14/2002	9.08	4.15	4.93	0.00	0.00	-	-	-	-	590	<20	<1.0	<1.0	<3.0	2,600	-	-	-	-	-	-
MW-3	12/13/2002	9.08	3.85	5.23	0.00	0.00	-	-	-	-	430	<0.50	<0.50	<0.50	<1.5	2,000	-	-	-	-	-	-
MW-3	03/14/2003	9.08	2.99	6.09	0.00	0.00	-	-	-	-	310	<0.50	<0.50	<0.50	<1.5	1,600	-	-	-	-	-	-
MW-3	06/09/2003[13]	9.08	3.34	5.74	0.00	0.00	-	-	-	-	330	<0.5	<0.5	<0.5	<0.5	-	1,800	-	-	-	-	-
MW-3	09/03/2003[13]	9.08	3.97	5.11	0.00	0.00	-	-	-	-	720	<3	<3	<3	<3	-	4,100	<250	-	-	-	-
MW-3	12/01/2003[13]	9.08	3.76	5.32	0.00	0.00	-	-	-	-	520	<1	<1	<1	<1	-	2,400	<130	-	-	-	-
MW-3	03/01/2004[13]	9.08	2.11	6.97	0.00	0.00	-	-	-	-	140	<0.5	<0.5	<0.5	<0.5	-	850	<50	-	-	-	-
MW-3	06/02/2004[13]	9.08	3.65	5.43	0.00	0.00	-	-	-	-	220	<0.5	<0.5	<0.5	<0.5	-	1,500	<50	-	-	-	-
MW-3	09/03/2004[13]	9.08	5.01	4.07	0.00	0.00	-	-	-	-	300	<1	<1	<1	<1	-	1,800	<100	-	-	-	-
MW-3	12/20/2004[13]	9.08	4.85	4.23	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	86	<50	-	-	-	-
MW-3	03/12/2005[13]	9.08	4.39	4.69	0.00	0.00	-	-	-	-	<50	0.6	<0.5	<0.5	<0.5	-	110	<50	-	-	-	-
MW-3	06/28/2005[13]	9.08	4.56	4.52	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	23	<50	-	-	-	-
MW-3	09/01/2005[13]	9.08	4.67	4.41	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	47	<50	-	-	-	-
MW-3	12/01/2005[13]	9.08	4.43	4.65	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	19	<50	-	-	-	-
MW-3	03/04/2006[13]	9.08	4.32	4.76	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	36	<50	-	-	-	-
MW-3	06/01/2006[13]	9.08	4.52	4.56	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	29	<50	-	-	-	-
MW-3	09/01/2006[13]	9.08	4.66	4.42	0.00	0.00	-	-	-	-	75	<0.5	<0.5	<0.5	<0.5	-	29	<50	-	-	-	-
MW-3	12/15/2006[13]	9.08	4.07	5.01	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	14	<50	-	-	-	-
MW-3	03/15/2007[13]	9.08	4.26	4.82	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	24	<50	-	-	-	-
MW-3	06/15/2007[13]	9.08	4.62	4.46	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	18	<50	-	-	-	-
MW-3	09/06/2007[13]	9.08	4.70	4.38	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	14	<50	-	-	-	-
MW-3	12/07/2007[13]	9.08	4.60	4.48	0.00	0.00	-	-	-	-	<250[17]	<0.5	<0.5	<0.5	<0.5	-	16	<50	-	-	-	-
MW-3	03/07/2008[13]	9.08	4.31	4.77	0.00	0.00	-	-	-	-	51	<0.5	<0.5	<0.5	<0.5	-	20	<50	-	-	-	-

TABLE 1

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

							HYDROCARBONS					*PRIMARY VOCS*						*ADDITIONAL VOCS*				
Location	Date	*TOC*	*DTW*	*GWE*	*LNAPLT*	*LNAPL REMOVED*	*Motor Oil*	*Motor Oil w/ Si Gel*	*TPH-DRO*	*TPH-DRO w/ Si Gel*	*TPH-GRO*	*B*	*T*	*E*	*X*	*MTBE*	*MTBE by SW8260*	*Ethanol*	*TBA*	*DIPE*	*ETBE*	*TAME*
	Units	*ft*	*ft*	*ft-amsl*	*ft*	*gal*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*
MW-3	06/24/2008[13]	9.08	4.68	4.40	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	21	<50	-	-	-	-
MW-3	09/11/2008[13]	9.08	5.02	4.06	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	29	<50	-	-	-	-
MW-3	12/19/2008[13]	9.08	4.67	4.41	0.00	0.00	-	-	-	-	59	<0.5	<0.5	<0.5	0.9	-	21	<50	-	-	-	-
MW-3	06/01/2009	9.08	4.48	4.60	0.00	0.00	-	-	-	-	60 J	<0.5	<0.5	<0.5	<0.5	-	23	<50	-	-	-	-
MW-3	09/30/2009	9.08	3.98	5.10	0.00	0.00	-	-	-	-	72 J	<0.5	<0.5	<0.5	<0.5	-	25	<50	-	-	-	-
MW-3	12/10/2009	9.08	4.95	4.13	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-3	12/11/2009	9.08	4.60	4.48	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-3	03/08/2010	9.08	3.70	5.38	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	32	<50	-	-	-	-
MW-3	06/06/2010	9.08	4.37	4.71	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-3	09/02/2010	9.08	4.82	4.26	0.00	0.00	240	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	22	<50	-	-	-	-
MW-3	12/09/2010[23]	9.08	3.82	5.26	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-3	03/23/2011	9.08	3.25	5.83	0.00	0.00	4,600	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	2	<50	-	-	-	-
MW-3	06/24/2011	9.08	4.37	4.71	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-3	**09/30/2011**	**9.08**	**5.07**	**4.01**	**0.00**	**0.00**	**-**	**<40**	**-**	**<50**	**<50**	**<5**	**<5**	**<5**	**<5**	**-**	**21 J**	**<500**	**2,200**	**<5**	**<5**	**<5**
MW-4	10/17/1995	3.48	5.08	-1.60	0.00	0.00	-	-	-	-	<125	<1.2	<1.2	<1.2	<1.2	-	-	-	-	-	-	-
MW-4	03/29/1996	3.48	4.61	-1.13	0.00	0.00	-	-	-	-	<1,000	<10	<10	<10	<10	6,700	-	-	-	-	-	-
MW-4	06/26/1996	3.48	4.30	-0.82	0.00	0.00	-	-	-	-	<2,000	<20	<20	<20	<20	7,200	-	-	-	-	-	-
MW-4	09/25/1996	3.48	5.33	-1.85	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5	-	-	-	-	-	-
MW-4	12/17/1996	3.48	2.81	0.67	0.00	0.00	-	-	-	-	<2,000	120	<20	<20	<20	11,000	-	-	-	-	-	-
MW-4	03/20/1997	3.48	4.50	-1.02	0.00	0.00	-	-	-	-	250[4]	<2.0	<2.0	<2.0	<2.0	10,000	8,600[6]	-	-	-	-	-
MW-4	06/20/1997	3.48	5.68	-2.20	0.00	0.00	-	-	-	-	<2,500	<25	<25	<25	<25	9,300	-	-	-	-	-	-
MW-4	09/09/1997	3.48	5.50	-2.02	0.00	0.00	-	-	-	-	460[4]	<0.5	<0.5	<0.5	<0.5	6,600	-	-	-	-	-	-
MW-4	12/12/1997	3.48	5.03	-1.55	0.00	0.00	-	-	-	-	430[4]	120	<2.5	<2.5	<2.5	7,800	-	-	-	-	-	-
MW-4	02/19/1998	3.48	3.35	0.13	0.00	0.00	-	-	-	-	510[4]	130	<0.5	<0.5	<0.5	6,600	-	-	-	-	-	-
MW-4	06/23/1998	3.48	4.98	-1.50	0.00	0.00	-	-	-	-	550[4]	<0.5	<0.5	<0.5	<0.5	6,800	-	<50,000	<10,000	<200	<200	860
MW-4	08/31/1998	3.48	5.42	-1.94	0.00	0.00	-	-	-	-	<500	450	<5.0	<5.0	<5.0	14,000	-	-	-	-	-	-
MW-4	12/29/1998	3.48	5.06	-1.58	0.00	0.00	-	-	-	-	<5,000	<50	<50	<50	<50	16,100	-	-	-	-	-	-
MW-4	03/11/1999	3.48	3.78	-0.30	0.00	0.00	-	-	-	-	979	<5.0	<5.0	<5.0	<5.0	15,100	-	-	-	-	-	-
MW-4	06/24/1999	3.48	4.31	-0.83	0.00	0.00	-	-	-	-	<2,500	715	<25	<25	<25	12,400	-	<125,000	<25,000	<250	<250	2,600
MW-4	09/29/1999	3.48	5.58	-2.10	0.00	0.00	-	-	-	-	1,380	<5.0	<5.0	<5.0	<5.0	11,700	-	-	-	-	-	-
MW-4	12/08/1999	3.48	5.33	-1.85	0.00	0.00	-	-	-	-	318	<0.5	<0.5	<0.5	<0.5	11,100	-	-	-	-	-	-
MW-4	03/01/2000	3.48	5.20	-1.72	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	9,940	-	-	-	-	-	-
MW-4	06/19/2000	3.48	5.36	-1.88	0.00	0.00	-	-	-	-	<1,000	220	<10	<10	<10	7,300	9,500[2]	<25,000	<5,000	<100	<100	1,100
MW-4	09/30/2000	3.48	3.77	-0.29	0.00	0.00	-	-	-	-	740[1]	<2.5	<2.5	<2.5	<2.5	6,000	7,800[2]	-	-	-	-	-
MW-4	10/05/2000	3.48	3.86	-0.38	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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

							HYDROCARBONS					*PRIMARY VOCS*						*ADDITIONAL VOCS*				
Location	Date	*TOC*	*DTW*	*GWE*	*LNAPLT*	*LNAPL REMOVED*	*Motor Oil*	*Motor Oil w/ Si Gel*	*TPH-DRO*	*TPH-DRO w/ Si Gel*	*TPH-GRO*	*B*	*T*	*E*	*X*	*MTBE*	*MTBE by SW8260*	*Ethanol*	*TBA*	*DIPE*	*ETBE*	*TAME*
	Units	*ft*	*ft*	*ft-amsl*	*ft*	*gal*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*
MW-4	12/08/2000	9.48	4.45	5.03	0.00	0.00	-	-	-	-	<50.0	<0.500	<0.500	<0.500	<0.500	6,230	-	-	-	-	-	-
MW-4	03/03/2001[11]	9.48	3.83	5.65	0.00	0.00	-	-	-	-	<250	<2.5	<2.5	<2.5	<2.5	3,600	-	-	-	-	-	-
MW-4	06/19/2001	9.48	3.37	6.11	0.00	0.00	-	-	-	-	<500	140	<5.0	<5.0	<5.0	2,500	-	-	-	-	-	-
MW-4	09/05/2001	9.48	3.96	5.52	0.00	0.00	-	-	-	-	400	<0.50	<0.50	<0.50	<1.5	2,800	-	-	-	-	-	-
MW-4	12/10/2001	9.48	5.05	4.43	0.00	0.00	-	-	-	-	700	<0.50	<0.50	<0.50	<1.5	3,400	-	-	-	-	-	-
MW-4	03/04/2002	9.48	3.67	5.81	0.00	0.00	-	-	-	-	660	<0.50	<0.50	<0.50	<1.5	2,900	-	-	-	-	-	-
MW-4	06/03/2002	9.48	5.24	4.24	0.00	0.00	-	-	-	-	610	<0.50	<0.50	<0.50	<1.5	3,000	-	-	-	-	-	-
MW-4	09/14/2002	9.48	5.22	4.26	0.00	0.00	-	-	-	-	490	<10	<1.0	<1.0	<3.0	2,400	-	-	-	-	-	-
MW-4	12/13/2002	9.48	4.67	4.81	0.00	0.00	-	-	-	-	440	<0.50	<0.50	<0.50	<1.5	2,200	-	-	-	-	-	-
MW-4	03/14/2003	9.48	4.64	4.84	0.00	0.00	-	-	-	-	490	<0.50	<0.50	<0.50	<1.5	2,600	-	-	-	-	-	-
MW-4	06/09/2003[13]	9.48	5.03	4.45	0.00	0.00	-	-	-	-	340	<0.5	<0.5	<0.5	<0.5	-	1,700	-	-	-	-	-
MW-4	09/03/2003[13]	9.48	5.65	3.83	0.00	0.00	-	-	-	-	320	<1	<1	<1	<1	-	1,600	<130	-	-	-	-
MW-4	12/01/2003[13]	9.48	4.97	4.51	0.00	0.00	-	-	-	-	350	<1	<1	<1	<1	-	1,700	<100	-	-	-	-
MW-4	03/01/2004[13]	9.48	4.68	4.80	0.00	0.00	-	-	-	-	240	<0.5	<0.5	<0.5	<0.5	-	1,200	<50	-	-	-	-
MW-4	06/02/2004[13]	9.48	4.93	4.55	0.00	0.00	-	-	-	-	240	<0.5	<0.5	<0.5	<0.5	-	1,600	<50	-	-	-	-
MW-4	09/03/2004[13]	9.48	4.99	4.49	0.00	0.00	-	-	-	-	270	<1	<1	<1	<1	-	1,500	<100	-	-	-	-
MW-4	12/20/2004[13]	9.48	4.18	5.30	0.00	0.00	-	-	-	-	230	<3	<3	<3	<3	-	1,900	<250	-	-	-	-
MW-4	03/12/2005[13]	9.48	5.32	4.16	0.00	0.00	-	-	-	-	180	<1	<1	<1	<1	-	1,200	<100	-	-	-	-
MW-4	06/28/2005[13]	9.48	5.26	4.22	0.00	0.00	-	-	-	-	180	<0.5	<0.5	<0.5	<0.5	-	920	<50	-	-	-	-
MW-4	09/01/2005[13]	9.48	4.91	4.57	0.00	0.00	-	-	-	-	250	<1	<1	<1	<1	-	1,500	<100	-	-	-	-
MW-4	12/01/2005[13]	9.48	4.88	4.60	0.00	0.00	-	-	-	-	61	<0.5	<0.5	<0.5	<0.5	-	260	<50	-	-	-	-
MW-4	03/04/2006[13]	9.48	5.02	4.46	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	80	<50	-	-	-	-
MW-4	06/01/2006[13]	9.48	4.23	5.25	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	51	<50	-	-	-	-
MW-4	09/01/2006[13]	9.48	5.36	4.12	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	29	<50	-	-	-	-
MW-4	12/15/2006[13]	9.48	4.94	4.54	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	19	<50	-	-	-	-
MW-4	03/15/2007[13]	9.48	5.02	4.46	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	18	<50	-	-	-	-
MW-4	06/15/2007[13]	9.48	5.00	4.48	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	16	<50	-	-	-	-
MW-4	09/06/2007[13]	9.48	4.97	4.51	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	9	<50	-	-	-	-
MW-4	12/07/2007[13]	9.48	4.51	4.97	0.00	0.00	-	-	-	-	<250[17]	<0.5	<0.5	<0.5	<0.5	-	15	<50	-	-	-	-
MW-4	03/07/2008[13]	9.48	4.85	4.63	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	15	<50	-	-	-	-
MW-4	06/24/2008[13]	9.48	3.73	5.75	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	15	<50	-	-	-	-
MW-4	09/11/2008[13]	9.48	5.71	3.77	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	34	<50	-	-	-	-
MW-4	12/19/2008[13]	9.48	4.89	4.59	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	33	<50	-	-	-	-
MW-4	06/01/2009	9.48	4.45	5.03	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	23	<50	-	-	-	-
MW-4	09/30/2009	9.48	4.37	5.11	0.00	0.00	-	-	-	-	<500	<0.5	<0.5	<0.5	<0.5	-	22	<50	-	-	-	-
MW-4	12/10/2009	9.48	9.04	0.44	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	33	<50	-	-	-	-
MW-4	03/08/2010	9.48	4.93	4.55	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	30	<50	-	-	-	-

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

							HYDROCARBONS					*PRIMARY VOCS*						*ADDITIONAL VOCS*				
Location	Date	*TOC*	*DTW*	*GWE*	*LNAPLT*	*LNAPL REMOVED*	*Motor Oil*	*Motor Oil w/ Si Gel*	*TPH-DRO*	*TPH-DRO w/ Si Gel*	*TPH-GRO*	*B*	*T*	*E*	*X*	*MTBE*	*MTBE by SW8260*	*Ethanol*	*TBA*	*DIPE*	*ETBE*	*TAME*
	Units	*ft*	*ft*	*ft-amsl*	*ft*	*gal*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*
MW-4	06/06/2010	9.48	4.60	4.88	0.00	0.00	400	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	21	<50	-	-	-	-
MW-4	09/02/2010	9.48	5.00	4.48	0.00	0.00	500	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	17	<50	-	-	-	-
MW-4	12/09/2010	9.48	4.91	4.57	0.00	0.00	370	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	48	<50	-	-	-	-
MW-4	03/23/2011	9.48	5.12	4.36	0.00	0.00	500	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	16	<50	-	-	-	-
MW-4	06/24/2011	9.48	5.33	4.15	0.00	0.00	-	94 J	-	90 J	<50	<0.5	<0.5	<0.5	<0.5	-	16	<50	-	-	-	-
MW-4	**09/30/2011**	**9.48**	**5.31**	**4.17**	**0.00**	**0.00**	**-**	**<39**	**-**	**<50**	**<50**	**<5**	**<5**	**<5**	**<5**	**-**	**13 J**	**<500**	**680 J**	**<5**	**<5**	**<5**
MW-5	10/23/2000[10]	8.77	4.59	4.18	0.00	0.00	-	-	-	-	<50	<0.500	<0.500	<0.500	<0.500	4.34	-	<1,000	<100	<2.00	<2.00	<2.00
MW-5	12/08/2000	8.77	3.43	5.34	0.00	0.00	-	-	-	-	<50.0	<0.500	<0.500	<0.500	<0.500	11.0	-	-	-	-	-	-
MW-5	03/03/2001[11]	8.77	2.40	6.37	0.00	0.00	-	-	-	-	<50	<0.50	<0.50	<0.50	<0.50	24	-	-	-	-	-	-
MW-5	06/19/2001	8.77	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-5	09/05/2001	8.77	3.75	5.02	0.00	0.00	-	-	-	-	<50	<0.50	<0.50	<0.50	<1.5	31	-	-	-	-	-	-
MW-5	12/10/2001	8.77	2.79	5.98	0.00	0.00	-	-	-	-	<50	<0.50	<0.50	<0.50	<1.5	45	-	-	-	-	-	-
MW-5	03/04/2002	8.77	2.52	6.25	0.00	0.00	-	-	-	-	<50	<0.50	<0.50	<0.50	<1.5	29	-	-	-	-	-	-
MW-5	06/03/2002	8.77	3.20	5.57	0.00	0.00	-	-	-	-	<50	<0.50	<0.50	<0.50	<1.5	40	-	-	-	-	-	-
MW-5	09/14/2002	8.77	3.85	4.92	0.00	0.00	-	-	-	-	<50	<0.50	<0.50	<0.50	<1.5	92	-	-	-	-	-	-
MW-5	12/13/2002	8.77	3.45	5.32	0.00	0.00	-	-	-	-	<50	<0.50	<0.50	<0.50	<1.5	32	-	-	-	-	-	-
MW-5	03/14/2003	8.77	2.95	5.82	0.00	0.00	-	-	-	-	<50	<0.50	<0.50	<0.50	<1.5	71	-	-	-	-	-	-
MW-5	06/09/2003[13]	8.77	3.19	5.58	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	79	-	-	-	-	-
MW-5	09/03/2003[13]	8.77	3.79	4.98	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	2	<50	-	-	-	-
MW-5	12/01/2003[13]	8.77	3.34	5.43	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	52	<50	-	-	-	-
MW-5	03/01/2004[13]	8.77	2.48	6.29	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	120	<50	-	-	-	-
MW-5	06/02/2004[13]	8.77	3.11	5.66	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	110	<50	-	-	-	-
MW-5	09/03/2004[13]	8.77	5.11	3.66	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	80	<50	-	-	-	-
MW-5	12/20/2004[13]	8.77	5.10	3.67	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	62	<50	-	-	-	-
MW-5	03/12/2005[13]	8.77	4.71	4.06	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	58	<50	-	-	-	-
MW-5	06/28/2005[13]	8.77	4.93	3.84	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	64	<50	-	-	-	-
MW-5	09/01/2005[13]	8.77	4.92	3.85	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	61	<50	-	-	-	-
MW-5	12/01/2005[13]	8.77	4.81	3.96	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	50	<50	-	-	-	-
MW-5	03/04/2006[13]	8.77	4.78	3.99	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	49	<50	-	-	-	-
MW-5	06/01/2006[13]	8.77	4.89	3.88	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	38	<50	-	-	-	-
MW-5	09/01/2006[13]	8.77	4.94	3.83	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	32	<50	-	-	-	-
MW-5	12/15/2006[13]	8.77	4.68	4.09	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	26	<50	-	-	-	-
MW-5	03/15/2007[13]	8.77	4.88	3.89	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	23	<50	-	-	-	-
MW-5	06/15/2007[13]	8.77	4.87	3.90	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	22	<50	-	-	-	-
MW-5	09/06/2007[13]	8.77	4.77	4.00	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	17	<50	-	-	-	-

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

							HYDROCARBONS					*PRIMARY VOCS*						*ADDITIONAL VOCS*				
Location	Date	*TOC*	*DTW*	*GWE*	*LNAPLT*	*LNAPL REMOVED*	*Motor Oil*	*Motor Oil w/ Si Gel*	*TPH-DRO*	*TPH-DRO w/ Si Gel*	*TPH-GRO*	*B*	*T*	*E*	*X*	*MTBE*	*MTBE by SW8260*	*Ethanol*	*TBA*	*DIPE*	*ETBE*	*TAME*
	Units	*ft*	*ft*	*ft-amsl*	*ft*	*gal*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*
MW-5	12/07/2007[13]	8.77	4.99	3.78	0.00	0.00	-	-	-	-	<250[17]	<0.5	<0.5	<0.5	<0.5	-	22	<50	-	-	-	-
MW-5	03/07/2008[13]	8.77	4.89	3.88	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	18	<50	-	-	-	-
MW-5	06/24/2008[13]	8.77	5.12	3.65	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	18	<50	-	-	-	-
MW-5	09/11/2008[13]	8.77	5.21	3.56	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	18	<50	-	-	-	-
MW-5	12/19/2008[13]	8.77	4.98	3.79	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	17	<50	-	-	-	-
MW-5	06/01/2009	8.77	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-5	09/30/2009	8.77	3.45	5.32	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	14	<50	-	-	-	-
MW-5	12/10/2009	8.77	4.76	4.01	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-5	06/06/2010	8.77	4.93	3.84	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-5	09/02/2010	8.77	5.30	3.47	0.00	0.00	190	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	12	<50	-	-	-	-
MW-5	12/09/2010[Z5,Z4]	8.77	-	-	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-5	03/23/2011	8.77	-	-	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-5	06/24/2011	8.77	4.88	3.89	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-5	**09/30/2011**	**8.77**	**5.22**	**3.55**	**0.00**	**0.00**	**-**	**43 J**	**-**	**<50**	**<50**	**<5**	**<5**	**<5**	**<5**	**-**	**8 J**	**<500**	**<50**	**<5**	**<5**	**<5**
MW-6	10/23/2000[10]	11.45	7.15	4.30	0.00	0.00	-	-	-	-	<50	<0.500	<0.500	<0.500	<0.500	5.96	-	<1,000	<100	<2.00	<2.00	<2.00
MW-6	12/08/2000	11.45	6.84	4.61	0.00	0.00	-	-	-	-	<50.0	<0.500	<0.500	<0.500	<0.500	8.80	-	-	-	-	-	-
MW-6	03/03/2001[11]	11.45	6.13	5.32	0.00	0.00	-	-	-	-	<50	<0.50	<0.50	<0.50	<0.50	9.0	-	-	-	-	-	-
MW-6	06/19/2001	11.45	5.80	5.65	0.00	0.00	-	-	-	-	<50	<0.50	<0.50	<0.50	<0.50	<2.5	-	-	-	-	-	-
MW-6	09/05/2001	11.45	5.16	6.29	0.00	0.00	-	-	-	-	<50	<0.50	<0.50	<0.50	<1.5	<2.5	-	-	-	-	-	-
MW-6	12/10/2001	11.45	4.81	6.64	0.00	0.00	-	-	-	-	<50	<0.50	<0.50	<0.50	<1.5	<2.5	-	-	-	-	-	-
MW-6	03/04/2002	11.45	4.16	7.29	0.00	0.00	-	-	-	-	<50	<0.50	<0.50	<0.50	<1.5	<2.5	-	-	-	-	-	-
MW-6	06/03/2002	11.45	5.71	5.74	0.00	0.00	-	-	-	-	<50	<0.50	<0.50	<0.50	<1.5	<2.5	-	-	-	-	-	-
MW-6	09/14/2002	11.45	6.65	4.80	0.00	0.00	-	-	-	-	<50	<0.50	<0.50	<0.50	<1.5	<2.5	-	-	-	-	-	-
MW-6	12/13/2002	11.45	6.39	5.06	0.00	0.00	-	-	-	-	<50	<0.50	<0.50	<0.50	<1.5	<2.5	-	-	-	-	-	-
MW-6	03/14/2003	11.45	6.47	4.98	0.00	0.00	-	-	-	-	<50	<0.50	<0.50	<0.50	<1.5	<2.5	-	-	-	-	-	-
MW-6	06/09/2003[13]	11.45	6.78	4.67	0.00	0.00	-	-	-	-	<50	<0.5	0.7	<0.5	<0.5	-	1	-	-	-	-	-
MW-6	09/03/2003[13]	11.45	7.08	4.37	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	0.8	<50	-	-	-	-
MW-6	12/01/2003[13]	11.45	3.57	7.88	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	<0.5	<50	-	-	-	-
MW-6	03/01/2004[13]	11.45	3.18	8.27	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	25	<50	-	-	-	-
MW-6	06/02/2004[13]	11.45	3.50	7.95	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	<0.5	<50	-	-	-	-
MW-6	09/03/2004[13]	11.45	2.17	9.28	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	0.6	<50	-	-	-	-
MW-6	12/20/2004[13]	11.45	6.03	5.42	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	0.6	<50	-	-	-	-
MW-6	03/12/2005[13]	11.45	5.05	6.40	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	<0.5	<50	-	-	-	-
MW-6	06/28/2005[13]	11.45	2.36	9.09	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	<0.5	<50	-	-	-	-
MW-6	09/01/2005[13]	11.45	2.87	8.58	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	1	<50	-	-	-	-

TABLE 1

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

							HYDROCARBONS					*PRIMARY VOCS*						*ADDITIONAL VOCS*				
Location	Date	*TOC*	*DTW*	*GWE*	*LNAPLT*	*LNAPL REMOVED*	*Motor Oil*	*Motor Oil w/ Si Gel*	*TPH-DRO*	*TPH-DRO w/ Si Gel*	*TPH-GRO*	*B*	*T*	*E*	*X*	*MTBE*	*MTBE by SW8260*	*Ethanol*	*TBA*	*DIPE*	*ETBE*	*TAME*
	Units	*ft*	*ft*	*ft-amsl*	*ft*	*gal*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*
MW-6	12/01/2005[13]	11.45	2.90	8.55	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	<0.5	<50	-	-	-	-
MW-6	03/04/2006[13]	11.45	3.71	7.74	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	<0.5	<50	-	-	-	-
MW-6	06/01/2006[13]	11.45	2.57	8.88	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	<0.5	<50	-	-	-	-
MW-6	09/01/2006[13]	11.45	2.36	9.09	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	1	<50	-	-	-	-
MW-6	12/15/2006[13]	11.45	3.16	8.29	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	<0.5	<50	-	-	-	-
MW-6	03/15/2007[13]	11.45	2.42	9.03	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	<0.5	<50	-	-	-	-
MW-6	06/15/2007[13]	11.45	3.32	8.13	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	<0.5	<50	-	-	-	-
MW-6	09/06/2007[13]	11.45	5.41	6.04	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	0.6	<50	-	-	-	-
MW-6	12/07/2007[13]	11.45	5.94	5.51	0.00	0.00	-	-	-	-	<250[17]	<0.5	<0.5	<0.5	<0.5	-	1	<50	-	-	-	-
MW-6	03/07/2008[13]	11.45	6.22	5.23	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	<0.5	<50	-	-	-	-
MW-6	06/24/2008[13]	11.45	2.48	8.97	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	<0.5	<50	-	-	-	-
MW-6	09/11/2008[13]	11.45	2.57	8.88	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	1	<50	-	-	-	-
MW-6	12/19/2008[13]	11.45	3.67	7.78	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	1	<50	-	-	-	-
MW-6	06/01/2009	11.45	5.32	6.13	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	0.9 J	<50	-	-	-	-
MW-6	09/30/2009	11.45	5.32	6.13	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	4	<50	-	-	-	-
MW-6	12/10/2009	11.45	2.54	8.91	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-6	03/08/2010	11.45	3.30	8.15	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	3	<50	-	-	-	-
MW-6	06/06/2010	11.45	2.42	9.03	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-6	09/02/2010	11.45	3.03	8.42	0.00	0.00	110 J	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	<0.5	<50	-	-	-	-
MW-6	12/09/2010[23]	11.45	2.34	9.11	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-6	03/23/2011	11.45	2.62	8.83	0.00	0.00	180	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	2	<50	-	-	-	-
MW-6	06/24/2011	11.45	5.11	6.34	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-6	**09/30/2011**	**11.45**	**3.86**	**7.59**	**0.00**	**0.00**	**-**	**51 J**	**-**	**<50**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**-**	**4 J**	**<50**	**<5**	**<0.5**	**<0.5**	**0.6 J**
MW-7	10/23/2000[10]	10.58	6.25	4.33	0.00	0.00	-	-	-	-	<50	<0.500	<0.500	<0.500	<0.500	1,210	-	<6,670	<667	13.3	13.3	199
MW-7	12/08/2000	10.58	7.23	3.35	0.00	0.00	-	-	-	-	<50.0	<0.500	<0.500	<0.500	<0.500	338	-	-	-	-	-	-
MW-7	03/03/2001[11]	10.58	6.27	4.31	0.00	0.00	-	-	-	-	72[12]	<0.50	<0.50	<0.50	<0.50	460	-	-	-	-	-	-
MW-7	06/19/2001	10.58	5.82	4.76	0.00	0.00	-	-	-	-	110[1]	18	<0.50	<0.50	<0.50	440	-	-	-	-	-	-
MW-7	09/05/2001	10.58	6.54	4.04	0.00	0.00	-	-	-	-	180	<0.50	<0.50	<0.50	<1.5	640	-	-	-	-	-	-
MW-7	12/10/2001	10.58	5.54	5.04	0.00	0.00	-	-	-	-	110	<0.50	<0.50	<0.50	<1.5	390	-	-	-	-	-	-
MW-7	03/04/2002	10.58	6.90	3.68	0.00	0.00	-	-	-	-	220	1.1	<0.50	3.0	<1.5	460	-	-	-	-	-	-
MW-7	06/03/2002	10.58	5.64	4.94	0.00	0.00	-	-	-	-	130	<0.50	<0.50	<0.50	<1.5	350	-	-	-	-	-	-
MW-7	09/14/2002	10.58	7.03	3.55	0.00	0.00	-	-	-	-	120	<2.0	<0.50	<0.50	<1.5	340	-	-	-	-	-	-
MW-7	12/13/2002	10.58	5.59	4.99	0.00	0.00	-	-	-	-	57	<0.50	<0.50	<0.50	<1.5	150	-	-	-	-	-	-
MW-7	03/14/2003	10.58	5.98	4.60	0.00	0.00	-	-	-	-	77	<0.50	<0.50	<0.50	<1.5	240	-	-	-	-	-	-
MW-7	06/09/2003[13]	10.58	6.26	4.32	0.00	0.00	-	-	-	-	79	<0.5	<0.5	<0.5	<0.5	-	210	-	-	-	-	-

TABLE 1

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

							HYDROCARBONS					*PRIMARY VOCS*						*ADDITIONAL VOCS*				
Location	Date	*TOC*	*DTW*	*GWE*	*LNAPLT*	*LNAPL REMOVED*	*Motor Oil*	*Motor Oil w/ Si Gel*	*TPH-DRO*	*TPH-DRO w/ Si Gel*	*TPH-GRO*	*B*	*T*	*E*	*X*	*MTBE*	*MTBE by SW8260*	*Ethanol*	*TBA*	*DIPE*	*ETBE*	*TAME*
	Units	*ft*	*ft*	*ft-amsl*	*ft*	*gal*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*
MW-7	09/03/2003[13]	10.58	6.86	3.72	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	0.8	<50	-	-	-	-
MW-7	12/01/2003[13]	10.58	5.47	5.11	0.00	0.00	-	-	-	-	58	<0.5	<0.5	<0.5	<0.5	-	130	<50	-	-	-	-
MW-7	03/01/2004[13]	10.58	5.98	4.60	0.00	0.00	-	-	-	-	71	<0.5	<0.5	<0.5	<0.5	-	180	<50	-	-	-	-
MW-7	06/02/2004[13]	10.58	4.81	5.77	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	87	<50	-	-	-	-
MW-7	09/03/2004[13]	10.58	6.42	4.16	0.00	0.00	-	-	-	-	55	<0.5	<0.5	<0.5	<0.5	-	140	<50	-	-	-	-
MW-7	12/20/2004[13]	10.58	6.22	4.36	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	130	<50	-	-	-	-
MW-7	03/12/2005[13]	10.58	5.79	4.79	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	110	<50	-	-	-	-
MW-7	06/28/2005[13]	10.58	4.62	5.96	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	30	<50	-	-	-	-
MW-7	09/01/2005[13]	10.58	4.78	5.80	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	70	<50	-	-	-	-
MW-7	12/01/2005[13]	10.58	4.01	6.57	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	35	<50	-	-	-	-
MW-7	03/04/2006[13]	10.58	5.89	4.69	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	49	<50	-	-	-	-
MW-7	06/01/2006[13]	10.58	5.10	5.48	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	35	<50	-	-	-	-
MW-7	09/01/2006[13]	10.58	5.31	5.27	0.00	0.00	-	-	-	-	<50	0.5	5	<0.5	5	-	17	<50	-	-	-	-
MW-7	12/15/2006[13]	10.58	5.89	4.69	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	20	<50	-	-	-	-
MW-7	03/15/2007[13]	10.58	5.67	4.91	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	19	<50	-	-	-	-
MW-7	06/15/2007[13]	10.58	5.05	5.53	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	12	<50	-	-	-	-
MW-7	09/06/2007[13]	10.58	5.42	5.16	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	14	<50	-	-	-	-
MW-7	12/07/2007[13]	10.58	5.38	5.20	0.00	0.00	-	-	-	-	<250[17]	<0.5	<0.5	<0.5	<0.5	-	8	<50	-	-	-	-
MW-7	03/07/2008[13]	10.58	5.54	5.04	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	8	<50	-	-	-	-
MW-7	06/24/2008[13]	10.58	6.10	4.48	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	9	<50	-	-	-	-
MW-7	09/11/2008[13]	10.58	6.86	3.72	0.00	0.00	-	-	-	-	99	<0.5	<0.5	<0.5	<0.5	-	16	<50	-	-	-	-
MW-7	12/19/2008[13]	10.58	6.54	4.04	0.00	0.00	-	-	-	-	<50	<0.5	0.7	<0.5	1	-	9	<50	-	-	-	-
MW-7	06/01/2009	10.58	4.10	6.48	0.00	0.00	-	-	-	-	70 J	<0.5	<0.5	<0.5	<0.5	-	9	<50	-	-	-	-
MW-7	09/30/2009	10.58	3.11	7.47	0.00	0.00	-	-	-	-	110	<0.5	<0.5	<0.5	<0.5	-	11	<50	-	-	-	-
MW-7	12/10/2009	10.58	6.93	3.65	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-7	03/08/2010	10.58	5.70	4.88	0.00	0.00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	7	<50	-	-	-	-
MW-7	06/06/2010	10.58	5.56	5.02	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-7	09/02/2010	10.58	5.87	4.71	0.00	0.00	390	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	7	<50	-	-	-	-
MW-7	12/09/2010[25]	10.58	5.44	5.14	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-7	03/23/2011	10.58	4.64	5.94	0.00	0.00	480	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	4	<50	-	-	-	-
MW-7	06/24/2011	10.58	5.70	4.88	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-7	**09/30/2011**	**10.58**	**6.60**	**3.98**	**0.00**	**0.00**	**-**	**48 J**	**-**	**<50**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**-**	**6**	**<50**	**81**	**<0.5**	**<0.5**	**0.7 J**
QA	12/10/2001	-	-	-	-	-	-	-	-	-	<50	<0.50	<0.50	<0.50	<1.5	<2.5	-	-	-	-	-	-
QA	03/04/2002	-	-	-	-	-	-	-	-	-	<50	<0.50	<0.50	<0.50	<1.5	<2.5	-	-	-	-	-	-
QA	06/03/2002	-	-	-	-	-	-	-	-	-	<50	<0.50	<0.50	<0.50	<1.5	<2.5	-	-	-	-	-	-

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

							HYDROCARBONS					*PRIMARY VOCS*						*ADDITIONAL VOCS*				
Location	Date	*TOC*	*DTW*	*GWE*	*LNAPLT*	*LNAPL REMOVED*	*Motor Oil*	*Motor Oil w/ Si Gel*	*TPH-DRO*	*TPH-DRO w/ Si Gel*	*TPH-GRO*	*B*	*T*	*E*	*X*	*MTBE*	*MTBE by SW8260*	*Ethanol*	*TBA*	*DIPE*	*ETBE*	*TAME*
	Units	*ft*	*ft*	*ft-amsl*	*ft*	*gal*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*
QA	09/14/2002	-	-	-	-	-	-	-	-	-	<50	<0.50	<0.50	<0.50	<1.5	<2.5	-	-	-	-	-	-
QA	12/13/2002	-	-	-	-	-	-	-	-	-	<50	<0.50	<0.50	<0.50	<1.5	<2.5	-	-	-	-	-	-
QA	03/14/2003	-	-	-	-	-	-	-	-	-	<50	<0.50	<0.50	<0.50	<1.5	<2.5	-	-	-	-	-	-
QA	06/09/2003[13]	-	-	-	-	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	-	-
QA	09/03/2003[13]	-	-	-	-	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	-	-
QA	12/01/2003[13]	-	-	-	-	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	-	-
QA	03/01/2004[13]	-	-	-	-	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	-	-
QA	06/02/2004[13]	-	-	-	-	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	-	-
QA	09/03/2004[13]	-	-	-	-	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	-	-
QA	12/20/2004[13]	-	-	-	-	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	-	-
QA	03/12/2005[13]	-	-	-	-	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	-	-
QA	06/28/2005[13]	-	-	-	-	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	-	-
QA	09/01/2005[13]	-	-	-	-	-	-	-	-	-	<50	<0.5	315[15]	<0.5	215[15]	-	<0.5	-	-	-	-	-
QA	12/01/2005[13]	-	-	-	-	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	-	-
QA	03/04/2006[13]	-	-	-	-	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	-	-
QA	06/01/2006[13]	-	-	-	-	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	-	-
QA	09/01/2006[13]	-	-	-	-	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	-	-
QA	12/15/2006[13]	-	-	-	-	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	-	-
QA	03/15/2007[13]	-	-	-	-	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	-	-
QA	06/15/2007[13]	-	-	-	-	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	-	-
QA	09/06/2007[13]	-	-	-	-	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	-	-
QA	12/07/2007[13]	-	-	-	-	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	-	-
QA	03/07/2008[13]	-	-	-	-	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	-	-
QA	06/24/2008[13]	-	-	-	-	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	-	-
QA	09/11/2008[13]	-	-	-	-	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	-	-
QA	12/19/2008[13]	-	-	-	-	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	-	-
QA	06/01/2009	-	-	-	-	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	-	-
QA	09/30/2009	-	-	-	-	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	-	-
QA	12/10/2009	-	-	-	-	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	-	-
QA	03/08/2010	-	-	-	-	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	-	-
QA	06/06/2010	-	-	-	-	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	-	-
QA	09/02/2010	-	-	-	-	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	-	-
QA	12/09/2010	-	-	-	-	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	-	-
QA	03/23/2011	-	-	-	-	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	-	-
QA	06/24/2011	-	-	-	-	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	-	-
QA	**09/30/2011**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**-**	**<0.5**	**-**	**-**	**-**	**-**	**-**

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

							HYDROCARBONS					PRIMARY VOCS						ADDITIONAL VOCS				
Location	Date	TOC	DTW	GWE	LNAPLT	LNAPL REMOVED	Motor Oil	Motor Oil w/ Si Gel	TPH-DRO	TPH-DRO w/ Si Gel	TPH-GRO	B	T	E	X	MTBE	MTBE by SW8260	Ethanol	TBA	DIPE	ETBE	TAME
	Units	ft	ft	ft-amsl	ft	gal	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Trip Blank	03/29/1996	-	-	-	-	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-
Trip Blank	06/26/1996	-	-	-	-	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5	-	-	-	-	-	-
Trip Blank	09/25/1996	-	-	-	-	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5	-	-	-	-	-	-
Trip Blank	12/17/1996	-	-	-	-	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5	-	-	-	-	-	-
Trip Blank	03/20/1997	-	-	-	-	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5	-	-	-	-	-	-
Trip Blank	06/20/1997	-	-	-	-	-	-	-	-	-	<50	<2.0	<2.0	<2.0	<2.0	-	-	-	-	-	-	-
Trip Blank	09/09/1997	-	-	-	-	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5	-	-	-	-	-	-
Trip Blank	12/12/1997	-	-	-	-	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5	-	-	-	-	-	-
Trip Blank	02/19/1998	-	-	-	-	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5	-	-	-	-	-	-
Trip Blank	06/23/1998	-	-	-	-	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5	-	-	-	-	-	-
Trip Blank	08/31/1998	-	-	-	-	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5	-	-	-	-	-	-
Trip Blank	12/29/1998	-	-	-	-	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<2.0	-	-	-	-	-	-
Trip Blank	03/11/1999	-	-	-	-	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<5.0	-	-	-	-	-	-
Trip Blank	06/24/1999	-	-	-	-	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<5.0	-	-	-	-	-	-
Trip Blank	09/29/1999	-	-	-	-	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5	-	-	-	-	-	-
Trip Blank	12/08/1999	-	-	-	-	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<5.0	-	-	-	-	-	-
Trip Blank	03/01/2000	-	-	-	-	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5	-	-	-	-	-	-
Trip Blank	06/19/2000	-	-	-	-	-	-	-	-	-	<50	<0.50	<0.50	<0.50	<0.50	<2.5	-	-	-	-	-	-
Trip Blank	09/30/2000	-	-	-	-	-	-	-	-	-	<50	<0.50	<0.50	<0.50	<0.50	<2.5	-	-	-	-	-	-
Trip Blank	10/05/2000	-	-	-	-	-	-	-	-	-	<50	<0.50	<0.50	<0.50	<0.50	<2.5	-	-	-	-	-	-
Trip Blank	12/08/2000	-	-	-	-	-	-	-	-	-	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	-	-	-	-	-	-
Trip Blank	03/03/2001[11]	-	-	-	-	-	-	-	-	-	<50	<0.50	<0.50	<0.50	<0.50	<2.5	-	-	-	-	-	-
Trip Blank	06/19/2001	-	-	-	-	-	-	-	-	-	<50	<0.50	<0.50	<0.50	<0.50	<2.5	-	-	-	-	-	-
Trip Blank	09/05/2001	-	-	-	-	-	-	-	-	-	<50	<0.50	<0.50	<0.50	<1.5	<2.5	-	-	-	-	-	-

Abbreviations and Notes:

TOC = Top of casing.

DTW = Depth to water.

GWE = Groundwater Elevation.

LNAPLT = Light non-aqueous phase liquid thickness.

TPH-DRO = Total petroleum hydrocarbons - diesel range organics.

TPH-GRO = Total petroleum hydrocarbons - gasoline range organics.

VOCS = Volatile Organic Compounds

BTEX = Benzene, toluene, ethylbenzene, xylenes.

MTBE = Methyl tertiary butyl ether.

TABLE 1

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

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

TBA = Tertiary butyl alcohol.

DIPE = Di-isopropyl ether.

ETBE = Ethyl tertiary butyl ether.

TAME = Tert amyl methyl ether.

Ft = Feet.

Ft-amsl = Feet above mean sea level.

Gal = Gallons.

µg/L = Micrograms per liter.

- = Not analyzed/not applicable.

<x = Not detected above laboratory method detection limit x.

J = Estimated value.

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

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

1 Laboratory report indicates gasoline C6-C12.

2 MTBE by EPA Method 8260.

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

4 Chromatogram pattern indicates an unidentified hydrocarbon.

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

6 Confirmation run.

7 Laboratory report indicates unidentified hydrocarbons >C16.

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

9 Laboratory report indicates that Semi-Volatile Organic Compounds

10 Data was provided by Delta Environmental Consultants, Inc.

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

12 Laboratory report indicates unidentified hydrocarbons C6-C12.

13 BTEX and MTBE by EPA Method 8260.

14 LNAPL + Water removed.

15 Analytical result confirmed.

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

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

18 Water plus 15 milliliters of product removed from well.

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

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

21 Laboratory report indicates the result reported for xylene (total) is possibly the result of carryover from the sample injected prior to this sample. Since only one vial was submitted, a repeat analysis without headspace could not be performed to confirm the results.

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

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

22 Not sampled due to presence of LNAPL.

23 Sampled semi-annually.

24 Inaccessible - car parked over well.

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

ATTACHMENT A

MONITORING DATA PACKAGE

BLAINE™
TECH SERVICES

October 8, 2011

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

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

Monitoring performed on September 30, 2011

Blaine Tech Services, Inc. Groundwater Monitoring Event 110930-EV1

This submission covers the routine monitoring of groundwater wells conducted on September 30, 2011 at this location. Seven monitoring wells were measured for depth to groundwater (DTW). Six monitoring wells were sampled. All sampling activities were performed in accordance with local, state and federal guidelines.

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

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

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

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

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

Please call if you have any questions.

Sincerely,

Dustin Becker
Blaine Tech Services, Inc.
Senior Project Manager

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

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

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

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

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

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

SAMPLING PROCEDURES OVERVIEW

SAFETY

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

INSPECTION AND GAUGING

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

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

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

EVACUATION

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

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

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

PARAMETER STABILIZATION

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

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

DEWATERED WELLS

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

MEASURING RECHARGE

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

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

PURGEWATER CONTAINMENT

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

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

SAMPLE COLLECTION DEVICES

All samples are collected using disposable bailers.

SAMPLE CONTAINERS

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

TRIP BLANKS

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

DUPLICATES

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

SAMPLE STORAGE

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

DOCUMENTATION CONVENTIONS

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

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

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

DECONTAMINATION

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

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

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

DISSOLVED OXYGEN READINGS

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

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

OXYIDATON REDUCTION POTENTIAL READINGS

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

FERROUS IRON MEASUREMENTS

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

WELL GAUGING DATA

Project # 110930-EV Date 9/30/11 Client Chevron

Site 451 Hegenberger Oakland

Well ID	Time	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or ~~TOC~~	Notes
MW-1	0850	2					3.75	14.63		
MW-2	0933	2		4.70	0.06	—	4.76	—		
MW-3	0926	2					5.07	14.68		
MW-4	0919	2					5.31	15.08		
MW-5	0913	2					5.22	7.15		
MW-6	0856	2					3.86	10.01		
MW-7	0902	2					6.60	13.21	↓	

CHEVRON WELL MONITORING DATA SHEET

Project #: 109730-EV2	Station #: 9-1851
Sampler: EV	Date: 9/30/11
Weather: Cloudy	Ambient Air Temperature: 65°
Well I.D.: MW-1	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 14.63	Depth to Water: 3.75
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]: ~~10.88~~ 5.92	

Purge Method:

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

Sampling Method: Bailer

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

1.9 (Gals.) X	3	=	5.6 Gals.
1 Case Volume	Specified Volumes		Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
0943	78.9	6.6	1335	33	2.0	
0947	79.3	6.3	1255	24	4.0	
0950	79.1	6.3	1196	24	6.0	

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

Sampling Date: 9/30/11 Sampling Time: 0950 Depth to Water: 4.91

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

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

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

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

CHEVRON WELL MONITORING DATA SHEET

Project #: 110930-0012	Station #: 9-1857
Sampler: EV	Date: 9/30/11
Weather: Cloudy	Ambient Air Temperature: 65°
Well I.D.: MW-2	Well Diameter: 2 3 4 6 8 ____
Total Well Depth:	Depth to Water: 4.76
Depth to Free Product: 4.70	Thickness of Free Product (feet):
Referenced to: PVC Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]:	

Purge Method:

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

Sampling Method: Bailer

Disposable Bailer
Extraction Port
Dedicated Tubing
Other: ____

____ (Gals.) X	____	= ____ 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
—	0.06' of SPH detected w/ interface probe					
—	NC 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 #: 110930-EVR	Station #: 9-1851
Sampler: EV	Date: 9/30/11
Weather: Clear	Ambient Air Temperature: 70°
Well I.D.: MW-3	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 14.68	Depth to Water: 5.07
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]: 6.99	

9
61

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 = 5.0 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
1207	73.7	6.9	13.53	127	1.7	
1210	74.4	6.8	13.64	149	1.7	
1213	74.5	6.8	13.69	218	5.0	

Did well dewater? Yes (No) Gallons actually evacuated: 5.0

Sampling Date: 9/30/11 Sampling Time: 1225 Depth to Water: 6.93

Sample I.D.: MW-3 Laboratory: (Lancaster) Other____

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

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

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

CHEVRON WELL MONITORING DATA SHEET

Project #: 110930-EV1	Station #: ~~9-1851~~ EV 9-1851
Sampler: EV	Date: 9/30/11
Weather: Clear	Ambient Air Temperature: 70°
Well I.D.: MW-4	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 15.08	Depth to Water: 5.31
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 7.26	

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: ____

1.7 (Gals.) X 3 = 5.0 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
1139	76.4	7.1	2251	41	1.7	
1142	79.9	6.8	3184	23	3.4	
1145	75.7	6.8	3342	56	5.0	

Did well dewater? Yes (No) Gallons actually evacuated: 5.0

Sampling Date: 9/30/11 Sampling Time: 1155 Depth to Water: 6.88

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

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

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

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

CHEVRON WELL MONITORING DATA SHEET

Project #: 110930-EV2	Station #: 9-1951
Sampler: EV	Date: 9/30/11
Weather: clear	Ambient Air Temperature: 70°
Well I.D.: MW-5	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 7.15	Depth to Water: 5.22
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]: 5.60	

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: _____	

0.33 (Gals.) X 3 = 1.0 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
1119	70.9	6.8	8224	47	0.33	
1120	70.7	6.9	8610	64	0.66	
1121	70.7	6.9	8816	139	1.00	

Did well dewater? Yes (No) Gallons actually evacuated: 1

Sampling Date: 9/30/11 Sampling Time: 1235 Depth to Water: 6.26 (Site Super)

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

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

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

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

CHEVRON WELL MONITORING DATA SHEET

Project #: 110936-EVL	Station #: 9-1851
Sampler: EV	Date: 9/30/11
Weather: Cloudy	Ambient Air Temperature: 65°
Well I.D.: MW-6	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 10.01	Depth to Water: 3.86
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]: 5.09	

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 Case Volume	Specified Volumes	Calculated Volume
1.1 (Gals.) X	3 =	3.2 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
1015	71.1	7.1	678.9	316	1.1	
1017	70.6	6.7	1751	674	2.2	
1018	70.4	6.7	1798	>1000	3.3	

Did well dewater? Yes (No) Gallons actually evacuated: 3.3

Sampling Date: 9/30/11 Sampling Time: 1028 Depth to Water: 4.03 Wanted

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

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

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

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

CHEVRON WELL MONITORING DATA SHEET

Project #: 110920-ER2	Station #: 9-1851
Sampler: EV	Date: 9/30/11
Weather: cloudy	Ambient Air Temperature: 70°
Well I.D.: MW-7	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 13.21	Depth to Water: 6.60
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 7.92	

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: _____	

1.2 (Gals.) X	3	= 3.4 Gals.
1 Case Volume	Specified Volumes	Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
1039	72.0	6.6	739.5	616	1.25	
1041	71.4	6.5	762.6	>1000	2.50	
1043	71.7	6.5	786.1	>1000	3.50	

Did well dewater? Yes (No) Gallons actually evacuated: 3.5

Sampling Date: 9/30/11 Sampling Time: 1053 Depth to Water: 7.83

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

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

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

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

CHAIN OF CUSTODY FORM

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

Chevron Site Number: 91851
Chevron Site Global ID: T060012238
Chevron Site Address: 451 Hegenberger Rd., Oakland, CA
Chevron PM: DAVE PATTEN
Chevron PM Phone No.: (925)790-6491
☒ Retail and Terminal Business Unit (RTBU) Job
☒ Construction/Retail Job

Chevron Consultant: CRA
Address: 5900 Hollis St. Suite A Emeryville, CA
Consultant Contact: Nathan Lee
Consultant Phone No. 510-420-3351
Consultant Project No. 110930-EM1
Sampling Company: Blaine Tech Services
Sampled By (Print): D'Mongue (VA)
Sampler Signature:

Charge Code: NWRTB-0091851-0-OML
NWRTB 00SITE NUMBER-0- WBS
(WBS ELEMENTS:
SITE ASSESSMENT: **A1L** REMEDIATION IMPLEMENTATION: **R5L**
SITE MONITORING: **OML** OPERATION MAINTENANCE & MONITORING: **M1L**

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

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

Other Lab

Temp. Blank Check

Time	Temp.
0820	2°C
1030	3°C
1230	3°C

ANALYSES REQUIRED

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 413.1 OIL & GREASE ☐	EPA 418.1 TRPH ☐	EPA 8260 ETHANOL ☐ MTBE, FULL VOC SCAN	EPA 8015 TPH-D ☐ DRO MTBE (8260)	TPHmo BAT	Notes/Comments
MW-1	W		11/09/30	0952	10	VOA/AMBER	X	X									X		X	
MW-3				1225			X	X									X		X	
MW-4				1155			X	X									X		X	
MW-5				1235			X	X									X		X	
MW-6				1038			X	X									X		X	
MW-7				1052			X	X									X		X	
QA				0805	2	VOA	X	X										X		NO DRO

Special Instructions
Must meet lowest detection limits possible for 8260 Compounds, Run TPHmo and DRO with Silica Gel Clean Up

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

Relinquished By	Company	Date/Time	Relinquished To	Company	Date/Time
	BTS	11/30/1133		BTS	09/30/11 1330
Relinquished By	Company	Date/Time	Relinquished To	Company	Date/Time
Relinquished By	Company	Date/Time	Relinquished To	Company	Date/Time

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

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

WELLHEAD INSPECTION CHECKLIST

Client Chevron

Date 9/30/11

Site Address 451 Hegenberger Oakland

Job Number 110930-EV

Technician EV

Well ID	Well Inspected - No Corrective Action Required	WELL IS SECURABLE BY DESIGN (12"or less)	WELL IS CLEARLY MARKED WITH THE WORDS "MONITORING WELL" (12"or less)	Water Bailed From Wellbox	Wellbox Components Cleaned	Cap Replaced	Lock Replaced	Other Action Taken (explain below)	Well Not Inspected (explain below)	Repair Order Submitted
MW-1			X							X
MW-2	X	X	X							
MW-3			X							X
MW-4			X							X
MW-5	X	X	X							
MW-6		X	X							X
MW-7	X	X	X							

NOTES: MW-1 3/3 tabs stripped & lid broken in 3 pieces
MW-6 apron cracked MW-4 2/2 tabs stripped
MW-3 2/2 bolts rusted & lid broken

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

SOURCE RECORD **BILL OF LADING**

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

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

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

9-1851 — Dave Patten

CHEVRON # — Chevron Engineer

451 Hegenberger Rd Oakland CA

street number — street name — city — state

WELL I.D.	GALS.	WELL I.D.	GALS.
MW-1	4		
MW-3	5		
MW-4	5		
MW-5	1		
MW-6	~~3~~		
MW-7	3 5		

added equip. rinse water / 4.2

any other adjustments /

TOTAL GALS. RECOVERED 28

loaded onto BTS vehicle # 85

BTS event # 110930-EM1 time 1245 date 9/30/11

signature

****

REC'D AT 1345 time 1340 date 9/30/11

unloaded by signature

TEST EQUIPMENT CALIBRATION LOG

PROJECT NAME 451 Hegenberger Oakland				PROJECT NUMBER 110930-EV2			
EQUIPMENT NAME	EQUIPMENT NUMBER	DATE/TIME OF TEST	STANDARDS USED	EQUIPMENT READING	CALIBRATED TO: OR WITHIN 10%:	TEMP.	INITIALS
Myron Ultrameter II	6202110	9/30/11 0810	pH 4.00	4.00	✓	72.3	BV
		↓	7.00	7.00	✓		
			10.00	10.00	✓		
			Cond 3900	3901	✓	72.3	BV

ATTACHMENT B

LABORATORY ANALYTICAL REPORT

Lancaster Laboratories

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

Analysis Report

ANALYTICAL RESULTS

Prepared by:

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

Prepared for:

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

November 16, 2011

Project: 91851

Submittal Date: 10/04/2011
Group Number: 1269699
PO Number: 0015074399
Release Number: PATTEN
State of Sample Origin: CA

Client Sample Description	Lancaster Labs (LLI) #
MW-1-W-110930 NA Water	6428503
MW-3-W-110930 NA Water	6428504
MW-4-W-110930 NA Water	6428505
MW-5-W-110930 NA Water	6428506
MW-6-W-110930 NA Water	6428507
MW-7-W-110930 NA Water	6428508
QA-T-110930 NA Water	6428509

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

Lancaster Laboratories

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

Analysis Report

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

Respectfully Submitted,

Lawrence M. Taylor
Senior Specialist

Lancaster Laboratories

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

Analysis Report

Sample Description: **MW-1-W-110930 NA Water**
Facility #91851 BTST
451 Hegenberger-Oakland T0600102238 MW-1

LLI Sample # WW 6428503
LLI Group # 1269699
Account # 10991

Project Name: 91851

Collected: 09/30/2011 09:58 by EV

Submitted: 10/04/2011 17:55
Reported: 11/16/2011 12:59

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

HOMW1

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	**ug/l**	
10905	Acetone	67-64-1	N.D.	6	20	1
10905	t-Amyl methyl ether	994-05-8	N.D.	0.5	4	1
10905	Benzene	71-43-2	N.D.	0.5	4	1
10905	Bromobenzene	108-86-1	N.D.	1	5	1
10905	Bromochloromethane	74-97-5	N.D.	1	5	1
10905	Bromodichloromethane	75-27-4	N.D.	1	5	1
10905	Bromoform	75-25-2	N.D.	1	5	1
10905	Bromomethane	74-83-9	N.D.	1	5	1
10905	2-Butanone	78-93-3	N.D.	3	10	1
10905	t-Butyl alcohol	75-65-0	N.D.	5	80	1
10905	n-Butylbenzene	104-51-8	N.D.	1	5	1
10905	sec-Butylbenzene	135-98-8	N.D.	1	5	1
10905	tert-Butylbenzene	98-06-6	N.D.	1	5	1
10905	Carbon Disulfide	75-15-0	N.D.	1	5	1
10905	Carbon Tetrachloride	56-23-5	N.D.	1	5	1
10905	Chlorobenzene	108-90-7	N.D.	0.8	5	1
10905	Chloroethane	75-00-3	N.D.	1	5	1
10905	2-Chloroethyl Vinyl Ether	110-75-8	N.D.	2	10	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.					
10905	Chloroform	67-66-3	N.D.	0.8	5	1
10905	Chloromethane	74-87-3	N.D.	1	5	1
10905	2-Chlorotoluene	95-49-8	N.D.	1	5	1
10905	4-Chlorotoluene	106-43-4	N.D.	1	5	1
10905	1,2-Dibromo-3-chloropropane	96-12-8	N.D.	2	5	1
10905	Dibromochloromethane	124-48-1	N.D.	1	5	1
10905	1,2-Dibromoethane	106-93-4	N.D.	0.5	4	1
10905	Dibromomethane	74-95-3	N.D.	1	5	1
10905	1,2-Dichlorobenzene	95-50-1	N.D.	1	5	1
10905	1,3-Dichlorobenzene	541-73-1	N.D.	1	5	1
10905	1,4-Dichlorobenzene	106-46-7	N.D.	1	5	1
10905	Dichlorodifluoromethane	75-71-8	N.D.	2	5	1
10905	1,1-Dichloroethane	75-34-3	N.D.	1	5	1
10905	1,2-Dichloroethane	107-06-2	N.D.	0.5	4	1
10905	1,1-Dichloroethene	75-35-4	N.D.	0.8	5	1
10905	cis-1,2-Dichloroethene	156-59-2	N.D.	0.8	5	1
10905	trans-1,2-Dichloroethene	156-60-5	N.D.	0.8	5	1
10905	1,2-Dichloropropane	78-87-5	N.D.	1	5	1
10905	1,3-Dichloropropane	142-28-9	N.D.	1	5	1
10905	2,2-Dichloropropane	594-20-7	N.D.	1	5	1
10905	1,1-Dichloropropene	563-58-6	N.D.	1	5	1
10905	cis-1,3-Dichloropropene	10061-01-5	N.D.	1	5	1
10905	trans-1,3-Dichloropropene	10061-02-6	N.D.	1	5	1
10905	Ethanol	64-17-5	N.D.	50	250	1
10905	Ethyl t-butyl ether	637-92-3	N.D.	0.5	4	1
10905	Ethylbenzene	100-41-4	N.D.	0.5	4	1
10905	Freon 113	76-13-1	N.D.	2	10	1
10905	Hexachlorobutadiene	87-68-3	N.D.	2	5	1
10905	2-Hexanone	591-78-6	N.D.	3	10	1
10905	di-Isopropyl ether	108-20-3	N.D.	0.5	4	1

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

Sample Description: **MW-1-W-110930 NA Water**
Facility #91851 BTST
451 Hegenberger-Oakland T0600102238 MW-1

LLI Sample # WW 6428503
LLI Group # 1269699
Account # 10991

Project Name: 91851

Collected: 09/30/2011 09:58 by EV

Submitted: 10/04/2011 17:55
Reported: 11/16/2011 12:59

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

HOMW1

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**		**ug/l**	**ug/l**	
10905	Isopropylbenzene	98-82-8	N.D.		1	5	1
10905	p-Isopropyltoluene	99-87-6	N.D.		1	5	1
10905	Methyl Tertiary Butyl Ether	1634-04-4	1	J	0.5	4	1
10905	4-Methyl-2-pentanone	108-10-1	N.D.		3	10	1
10905	Methylene Chloride	75-09-2	N.D.		2	5	1
10905	Naphthalene	91-20-3	N.D.		1	5	1
10905	n-Propylbenzene	103-65-1	N.D.		1	5	1
10905	Styrene	100-42-5	N.D.		1	5	1
10905	1,1,1,2-Tetrachloroethane	630-20-6	N.D.		1	5	1
10905	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		1	5	1
10905	Tetrachloroethene	127-18-4	N.D.		0.8	5	1
10905	Toluene	108-88-3	N.D.		0.5	4	1
10905	1,2,3-Trichlorobenzene	87-61-6	N.D.		1	5	1
10905	1,2,4-Trichlorobenzene	120-82-1	N.D.		1	5	1
10905	1,1,1-Trichloroethane	71-55-6	N.D.		0.8	5	1
10905	1,1,2-Trichloroethane	79-00-5	N.D.		0.8	5	1
10905	Trichloroethene	79-01-6	N.D.		1	5	1
10905	Trichlorofluoromethane	75-69-4	N.D.		2	5	1
10905	1,2,3-Trichloropropane	96-18-4	N.D.		1	5	1
10905	1,2,4-Trimethylbenzene	95-63-6	N.D.		1	5	1
10905	1,3,5-Trimethylbenzene	108-67-8	N.D.		1	5	1
10905	Vinyl Chloride	75-01-4	N.D.		1	5	1
10905	m+p-Xylene	179601-23-1	N.D.		0.5	4	1
10905	o-Xylene	95-47-6	N.D.		0.5	4	1
GC Volatiles	**SW-846 8015B**		**ug/l**		**ug/l**	**ug/l**	
01728	TPH-GRO N. CA water C6-C12	n.a.	N.D.		50	100	1
GC Petroleum Hydrocarbons	**SW-846 8015B**		**ug/l**		**ug/l**	**ug/l**	
06610	TPH-DRO CA C10-C28 w/ Si Gel	n.a.	N.D.		50	100	1
	The reverse surrogate, capric acid, was present at 0%.						
GC Petroleum Hydrocarbons	**SW-846 8015B modified**		**ug/l**		**ug/l**	**ug/l**	
10006	Motor Oil C16-C36 w/Si Gel	n.a.	N.D.		39	120	1
10006	Total TPH w/Si Gel	n.a.	N.D.		39	120	1

TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.
The recovery for the sample surrogate(s) is outside the QC acceptance limits as noted on the QC Summary. The following corrective action was taken: The sample was re-analyzed outside of the method required holding time and the surrogate recoveries in the sample and all associated QC are outside the QC acceptance limits. The spike recoveries in the LCS/LCSD associated with the re-analyzed sample are also outside the QC acceptance limits. No sample volume was available to perform another extraction. Similar results were obtained in both trials.

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

Sample Description: MW-1-W-110930 NA Water
Facility #91851 BTST
451 Hegenberger-Oakland T0600102238 MW-1

LLI Sample # WW 6428503
LLI Group # 1269699
Account # 10991

Project Name: 91851

Collected: 09/30/2011 09:58 by EV

Submitted: 10/04/2011 17:55
Reported: 11/16/2011 12:59

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

HOMW1

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor

The reverse surrogate, capric acid, was present at 0%.

General Sample Comments

State of California Lab Certification No. 2501

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10905	8260 Full List w/ Sep. Xylenes	SW-846 8260B	1	W112852AA	10/12/2011 05:37	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	W112852AA	10/12/2011 05:37	Angela D Sneeringer	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	11280A07A	10/11/2011 02:58	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	11280A07A	10/11/2011 02:58	Marie D John	1
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B	1	112780008A	10/10/2011 19:44	Elizabeth J Marin	1
10006	TPH Fuels water w/Si Gel	SW-846 8015B modified	1	112780006A	10/15/2011 18:54	Heather E Williams	1
11180	Low Vol Ext(W) w/SG	SW-846 3510C	1	112780008A	10/05/2011 19:40	Kathryn I DeHaven	1
11195	TPH w/ Silica Gel Waters Ext.	SW-846 3510C	1	112780006A	10/05/2011 16:30	Bronson L Cole	1

Lancaster Laboratories

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Analysis Report

Sample Description: **MW-3-W-110930 NA Water**
Facility #91851 BTST
451 Hegenberger-Oakland T0600102238 MW-3

LLI Sample # WW 6428504
LLI Group # 1269699
Account # 10991

Project Name: 91851

Collected: 09/30/2011 12:25 by EV

Submitted: 10/04/2011 17:55
Reported: 11/16/2011 12:59

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

HOMW3

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	**ug/l**	
10905	Acetone	67-64-1	N.D.	60	200	10
10905	t-Amyl methyl ether	994-05-8	N.D.	5	40	10
10905	Benzene	71-43-2	N.D.	5	40	10
10905	Bromobenzene	108-86-1	N.D.	10	50	10
10905	Bromochloromethane	74-97-5	N.D.	10	50	10
10905	Bromodichloromethane	75-27-4	N.D.	10	50	10
10905	Bromoform	75-25-2	N.D.	10	50	10
10905	Bromomethane	74-83-9	N.D.	10	50	10
10905	2-Butanone	78-93-3	N.D.	30	100	10
10905	t-Butyl alcohol	75-65-0	2,200	50	800	10
10905	n-Butylbenzene	104-51-8	N.D.	10	50	10
10905	sec-Butylbenzene	135-98-8	N.D.	10	50	10
10905	tert-Butylbenzene	98-06-6	N.D.	10	50	10
10905	Carbon Disulfide	75-15-0	N.D.	10	50	10
10905	Carbon Tetrachloride	56-23-5	N.D.	10	50	10
10905	Chlorobenzene	108-90-7	N.D.	8	50	10
10905	Chloroethane	75-00-3	N.D.	10	50	10
10905	2-Chloroethyl Vinyl Ether	110-75-8	N.D.	20	100	10
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.					
10905	Chloroform	67-66-3	N.D.	8	50	10
10905	Chloromethane	74-87-3	N.D.	10	50	10
10905	2-Chlorotoluene	95-49-8	N.D.	10	50	10
10905	4-Chlorotoluene	106-43-4	N.D.	10	50	10
10905	1,2-Dibromo-3-chloropropane	96-12-8	N.D.	20	50	10
10905	Dibromochloromethane	124-48-1	N.D.	10	50	10
10905	1,2-Dibromoethane	106-93-4	N.D.	5	40	10
10905	Dibromomethane	74-95-3	N.D.	10	50	10
10905	1,2-Dichlorobenzene	95-50-1	N.D.	10	50	10
10905	1,3-Dichlorobenzene	541-73-1	N.D.	10	50	10
10905	1,4-Dichlorobenzene	106-46-7	N.D.	10	50	10
10905	Dichlorodifluoromethane	75-71-8	N.D.	20	50	10
10905	1,1-Dichloroethane	75-34-3	N.D.	10	50	10
10905	1,2-Dichloroethane	107-06-2	N.D.	5	40	10
10905	1,1-Dichloroethene	75-35-4	N.D.	8	50	10
10905	cis-1,2-Dichloroethene	156-59-2	N.D.	8	50	10
10905	trans-1,2-Dichloroethene	156-60-5	N.D.	8	50	10
10905	1,2-Dichloropropane	78-87-5	N.D.	10	50	10
10905	1,3-Dichloropropane	142-28-9	N.D.	10	50	10
10905	2,2-Dichloropropane	594-20-7	N.D.	10	50	10
10905	1,1-Dichloropropene	563-58-6	N.D.	10	50	10
10905	cis-1,3-Dichloropropene	10061-01-5	N.D.	10	50	10
10905	trans-1,3-Dichloropropene	10061-02-6	N.D.	10	50	10
10905	Ethanol	64-17-5	N.D.	500	2,500	10
10905	Ethyl t-butyl ether	637-92-3	N.D.	5	40	10
10905	Ethylbenzene	100-41-4	N.D.	5	40	10
10905	Freon 113	76-13-1	N.D.	20	100	10
10905	Hexachlorobutadiene	87-68-3	N.D.	20	50	10
10905	2-Hexanone	591-78-6	N.D.	30	100	10
10905	di-Isopropyl ether	108-20-3	N.D.	5	40	10

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

Sample Description: MW-3-W-110930 NA Water
Facility #91851 BTST
451 Hegenberger-Oakland T0600102238 MW-3

LLI Sample # WW 6428504
LLI Group # 1269699
Account # 10991

Project Name: 91851

Collected: 09/30/2011 12:25 by EV

Submitted: 10/04/2011 17:55
Reported: 11/16/2011 12:59

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

HOMW3

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**		**ug/l**	**ug/l**	
10905	Isopropylbenzene	98-82-8	N.D.		10	50	10
10905	p-Isopropyltoluene	99-87-6	N.D.		10	50	10
10905	Methyl Tertiary Butyl Ether	1634-04-4	21	J	5	40	10
10905	4-Methyl-2-pentanone	108-10-1	N.D.		30	100	10
10905	Methylene Chloride	75-09-2	N.D.		20	50	10
10905	Naphthalene	91-20-3	N.D.		10	50	10
10905	n-Propylbenzene	103-65-1	N.D.		10	50	10
10905	Styrene	100-42-5	N.D.		10	50	10
10905	1,1,1,2-Tetrachloroethane	630-20-6	N.D.		10	50	10
10905	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		10	50	10
10905	Tetrachloroethene	127-18-4	N.D.		8	50	10
10905	Toluene	108-88-3	N.D.		5	40	10
10905	1,2,3-Trichlorobenzene	87-61-6	N.D.		10	50	10
10905	1,2,4-Trichlorobenzene	120-82-1	N.D.		10	50	10
10905	1,1,1-Trichloroethane	71-55-6	N.D.		8	50	10
10905	1,1,2-Trichloroethane	79-00-5	N.D.		8	50	10
10905	Trichloroethene	79-01-6	N.D.		10	50	10
10905	Trichlorofluoromethane	75-69-4	N.D.		20	50	10
10905	1,2,3-Trichloropropane	96-18-4	N.D.		10	50	10
10905	1,2,4-Trimethylbenzene	95-63-6	N.D.		10	50	10
10905	1,3,5-Trimethylbenzene	108-67-8	N.D.		10	50	10
10905	Vinyl Chloride	75-01-4	N.D.		10	50	10
10905	m+p-Xylene	179601-23-1	N.D.		5	40	10
10905	o-Xylene	95-47-6	N.D.		5	40	10

Reporting limits were raised due to sample foaming.

A preserved vial was submitted for analysis. However, the pH at the time of analysis was 7.

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

A preserved vial was submitted for analysis. However, the pH at the time of analysis was 7.

GC Petroleum Hydrocarbons	**SW-846 8015B**		**ug/l**		**ug/l**	**ug/l**	
06610	TPH-DRO CA C10-C28 w/ Si Gel	n.a.	N.D.		50	110	1

The reverse surrogate, capric acid, was present at 0%.

GC Petroleum Hydrocarbons	**SW-846 8015B modified**		**ug/l**		**ug/l**	**ug/l**	
10006	Motor Oil C16-C36 w/Si Gel	n.a.	N.D.		40	120	1
10006	Total TPH w/Si Gel	n.a.	N.D.		40	120	1

TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.
The recovery for the sample surrogate(s) is outside the QC acceptance limits as noted on the QC Summary. The following corrective action was taken: The

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

Sample Description: MW-3-W-110930 NA Water
Facility #91851 BTST
451 Hegenberger-Oakland T0600102238 MW-3

LLI Sample # WW 6428504
LLI Group # 1269699
Account # 10991

Project Name: 91851

Collected: 09/30/2011 12:25 by EV

Submitted: 10/04/2011 17:55
Reported: 11/16/2011 12:59

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

HOMW3

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor

sample was re-analyzed outside of the method required holding time and the surrogate recoveries in the sample and all associated QC are outside the QC acceptance limits. The spike recoveries in the LCS/LCSD associated with the re-analyzed sample are also outside the QC acceptance limits. No sample volume was available to perform another extraction. Similar results were obtained in both trials.
The reverse surrogate, capric acid, was present at 0%.

General Sample Comments

State of California Lab Certification No. 2501

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10905	8260 Full List w/ Sep. Xylenes	SW-846 8260B	1	W112853AA	10/12/2011 23:05	Emily R Styer	10
01163	GC/MS VOA Water Prep	SW-846 5030B	1	W112853AA	10/12/2011 23:05	Emily R Styer	10
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	11280A07A	10/11/2011 07:41	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	11280A07A	10/11/2011 07:41	Marie D John	1
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B	1	112780008A	10/10/2011 20:06	Elizabeth J Marin	1
10006	TPH Fuels water w/Si Gel	SW-846 8015B modified	1	112780006A	10/15/2011 19:18	Heather E Williams	1
11180	Low Vol Ext(W) w/SG	SW-846 3510C	1	112780008A	10/05/2011 19:40	Kathryn I DeHaven	1
11195	TPH w/ Silica Gel Waters Ext.	SW-846 3510C	1	112780006A	10/05/2011 16:30	Bronson L Cole	1

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Analysis Report

Sample Description: **MW-4-W-110930 NA Water**
Facility #91851 BTST
451 Hegenberger-Oakland T0600102238 MW-4

LLI Sample # WW 6428505
LLI Group # 1269699
Account # 10991

Project Name: 91851

Collected: 09/30/2011 11:55 by EV

Submitted: 10/04/2011 17:55
Reported: 11/16/2011 12:59

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

HOMW4

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	**ug/l**	
10905	Acetone	67-64-1	N.D.	60	200	10
10905	t-Amyl methyl ether	994-05-8	N.D.	5	40	10
10905	Benzene	71-43-2	N.D.	5	40	10
10905	Bromobenzene	108-86-1	N.D.	10	50	10
10905	Bromochloromethane	74-97-5	N.D.	10	50	10
10905	Bromodichloromethane	75-27-4	N.D.	10	50	10
10905	Bromoform	75-25-2	N.D.	10	50	10
10905	Bromomethane	74-83-9	N.D.	10	50	10
10905	2-Butanone	78-93-3	N.D.	30	100	10
10905	t-Butyl alcohol	75-65-0	680 J	50	800	10
10905	n-Butylbenzene	104-51-8	N.D.	10	50	10
10905	sec-Butylbenzene	135-98-8	N.D.	10	50	10
10905	tert-Butylbenzene	98-06-6	N.D.	10	50	10
10905	Carbon Disulfide	75-15-0	N.D.	10	50	10
10905	Carbon Tetrachloride	56-23-5	N.D.	10	50	10
10905	Chlorobenzene	108-90-7	N.D.	8	50	10
10905	Chloroethane	75-00-3	N.D.	10	50	10
10905	2-Chloroethyl Vinyl Ether	110-75-8	N.D.	20	100	10
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.					
10905	Chloroform	67-66-3	N.D.	8	50	10
10905	Chloromethane	74-87-3	N.D.	10	50	10
10905	2-Chlorotoluene	95-49-8	N.D.	10	50	10
10905	4-Chlorotoluene	106-43-4	N.D.	10	50	10
10905	1,2-Dibromo-3-chloropropane	96-12-8	N.D.	20	50	10
10905	Dibromochloromethane	124-48-1	N.D.	10	50	10
10905	1,2-Dibromoethane	106-93-4	N.D.	5	40	10
10905	Dibromomethane	74-95-3	N.D.	10	50	10
10905	1,2-Dichlorobenzene	95-50-1	N.D.	10	50	10
10905	1,3-Dichlorobenzene	541-73-1	N.D.	10	50	10
10905	1,4-Dichlorobenzene	106-46-7	N.D.	10	50	10
10905	Dichlorodifluoromethane	75-71-8	N.D.	20	50	10
10905	1,1-Dichloroethane	75-34-3	N.D.	10	50	10
10905	1,2-Dichloroethane	107-06-2	N.D.	5	40	10
10905	1,1-Dichloroethene	75-35-4	N.D.	8	50	10
10905	cis-1,2-Dichloroethene	156-59-2	N.D.	8	50	10
10905	trans-1,2-Dichloroethene	156-60-5	N.D.	8	50	10
10905	1,2-Dichloropropane	78-87-5	N.D.	10	50	10
10905	1,3-Dichloropropane	142-28-9	N.D.	10	50	10
10905	2,2-Dichloropropane	594-20-7	N.D.	10	50	10
10905	1,1-Dichloropropene	563-58-6	N.D.	10	50	10
10905	cis-1,3-Dichloropropene	10061-01-5	N.D.	10	50	10
10905	trans-1,3-Dichloropropene	10061-02-6	N.D.	10	50	10
10905	Ethanol	64-17-5	N.D.	500	2,500	10
10905	Ethyl t-butyl ether	637-92-3	N.D.	5	40	10
10905	Ethylbenzene	100-41-4	N.D.	5	40	10
10905	Freon 113	76-13-1	N.D.	20	100	10
10905	Hexachlorobutadiene	87-68-3	N.D.	20	50	10
10905	2-Hexanone	591-78-6	N.D.	30	100	10
10905	di-Isopropyl ether	108-20-3	N.D.	5	40	10

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

Sample Description: **MW-4-W-110930 NA Water**
Facility #91851 BTST
451 Hegenberger-Oakland T0600102238 MW-4

LLI Sample # WW 6428505
LLI Group # 1269699
Account # 10991

Project Name: 91851

Collected: 09/30/2011 11:55 by EV

Submitted: 10/04/2011 17:55
Reported: 11/16/2011 12:59

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

HOMW4

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**		**ug/l**	**ug/l**	
10905	Isopropylbenzene	98-82-8	N.D.		10	50	10
10905	p-Isopropyltoluene	99-87-6	N.D.		10	50	10
10905	Methyl Tertiary Butyl Ether	1634-04-4	13	J	5	40	10
10905	4-Methyl-2-pentanone	108-10-1	N.D.		30	100	10
10905	Methylene Chloride	75-09-2	N.D.		20	50	10
10905	Naphthalene	91-20-3	N.D.		10	50	10
10905	n-Propylbenzene	103-65-1	N.D.		10	50	10
10905	Styrene	100-42-5	N.D.		10	50	10
10905	1,1,1,2-Tetrachloroethane	630-20-6	N.D.		10	50	10
10905	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		10	50	10
10905	Tetrachloroethene	127-18-4	N.D.		8	50	10
10905	Toluene	108-88-3	N.D.		5	40	10
10905	1,2,3-Trichlorobenzene	87-61-6	N.D.		10	50	10
10905	1,2,4-Trichlorobenzene	120-82-1	N.D.		10	50	10
10905	1,1,1-Trichloroethane	71-55-6	N.D.		8	50	10
10905	1,1,2-Trichloroethane	79-00-5	N.D.		8	50	10
10905	Trichloroethene	79-01-6	N.D.		10	50	10
10905	Trichlorofluoromethane	75-69-4	N.D.		20	50	10
10905	1,2,3-Trichloropropane	96-18-4	N.D.		10	50	10
10905	1,2,4-Trimethylbenzene	95-63-6	N.D.		10	50	10
10905	1,3,5-Trimethylbenzene	108-67-8	N.D.		10	50	10
10905	Vinyl Chloride	75-01-4	N.D.		10	50	10
10905	m+p-Xylene	179601-23-1	N.D.		5	40	10
10905	o-Xylene	95-47-6	N.D.		5	40	10
	Reporting limits were raised due to sample foaming.						
GC Volatiles	**SW-846 8015B**		**ug/l**		**ug/l**	**ug/l**	
01728	TPH-GRO N. CA water C6-C12	n.a.	N.D.		50	100	1
GC Petroleum Hydrocarbons	**SW-846 8015B**		**ug/l**		**ug/l**	**ug/l**	
06610	TPH-DRO CA C10-C28 w/ Si Gel	n.a.	N.D.		50	100	1
	The reverse surrogate, capric acid, was present at 0%.						
GC Petroleum Hydrocarbons	**SW-846 8015B modified**		**ug/l**		**ug/l**	**ug/l**	
10006	Motor Oil C16-C36 w/Si Gel	n.a.	N.D.		39	120	1
10006	Total TPH w/Si Gel	n.a.	N.D.		39	120	1
	TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons. The reverse surrogate, capric acid, was present at 0%.						

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

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Analysis Report

Sample Description: MW-4-W-110930 NA Water
Facility #91851 BTST
451 Hegenberger-Oakland T0600102238 MW-4

LLI Sample # WW 6428505
LLI Group # 1269699
Account # 10991

Project Name: 91851

Collected: 09/30/2011 11:55 by EV

Submitted: 10/04/2011 17:55
Reported: 11/16/2011 12:59

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

HOMW4

General Sample Comments

State of California Lab Certification No. 2501

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10905	8260 Full List w/ Sep. Xylenes	SW-846 8260B	1	W112853AA	10/12/2011 23:29	Emily R Styer	10
01163	GC/MS VOA Water Prep	SW-846 5030B	1	W112853AA	10/12/2011 23:29	Emily R Styer	10
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	11280A07A	10/11/2011 08:07	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	11280A07A	10/11/2011 08:07	Marie D John	1
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B	1	112780008A	10/10/2011 20:27	Elizabeth J Marin	1
10006	TPH Fuels water w/Si Gel	SW-846 8015B modified	1	112780006A	10/15/2011 19:42	Heather E Williams	1
11180	Low Vol Ext(W) w/SG	SW-846 3510C	1	112780008A	10/05/2011 19:40	Kathryn I DeHaven	1
11195	TPH w/ Silica Gel Waters Ext.	SW-846 3510C	1	112780006A	10/05/2011 16:30	Bronson L Cole	1

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Analysis Report

Sample Description: **MW-5-W-110930 NA Water**
Facility #91851 BTST
451 Hegenberger-Oakland T0600102238 MW-5

LLI Sample # WW 6428506
LLI Group # 1269699
Account # 10991

Project Name: 91851

Collected: 09/30/2011 12:35 by EV

Submitted: 10/04/2011 17:55
Reported: 11/16/2011 12:59

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

HOMW5

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**	
10905	Acetone	67-64-1	N.D.	60	200	10
10905	t-Amyl methyl ether	994-05-8	N.D.	5	40	10
10905	Benzene	71-43-2	N.D.	5	40	10
10905	Bromobenzene	108-86-1	N.D.	10	50	10
10905	Bromochloromethane	74-97-5	N.D.	10	50	10
10905	Bromodichloromethane	75-27-4	N.D.	10	50	10
10905	Bromoform	75-25-2	N.D.	10	50	10
10905	Bromomethane	74-83-9	N.D.	10	50	10
10905	2-Butanone	78-93-3	N.D.	30	100	10
10905	t-Butyl alcohol	75-65-0	N.D.	50	800	10
10905	n-Butylbenzene	104-51-8	N.D.	10	50	10
10905	sec-Butylbenzene	135-98-8	N.D.	10	50	10
10905	tert-Butylbenzene	98-06-6	N.D.	10	50	10
10905	Carbon Disulfide	75-15-0	N.D.	10	50	10
10905	Carbon Tetrachloride	56-23-5	N.D.	10	50	10
10905	Chlorobenzene	108-90-7	N.D.	8	50	10
10905	Chloroethane	75-00-3	N.D.	10	50	10
10905	2-Chloroethyl Vinyl Ether	110-75-8	N.D.	20	100	10
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.					
10905	Chloroform	67-66-3	N.D.	8	50	10
10905	Chloromethane	74-87-3	N.D.	10	50	10
10905	2-Chlorotoluene	95-49-8	N.D.	10	50	10
10905	4-Chlorotoluene	106-43-4	N.D.	10	50	10
10905	1,2-Dibromo-3-chloropropane	96-12-8	N.D.	20	50	10
10905	Dibromochloromethane	124-48-1	N.D.	10	50	10
10905	1,2-Dibromoethane	106-93-4	N.D.	5	40	10
10905	Dibromomethane	74-95-3	N.D.	10	50	10
10905	1,2-Dichlorobenzene	95-50-1	N.D.	10	50	10
10905	1,3-Dichlorobenzene	541-73-1	N.D.	10	50	10
10905	1,4-Dichlorobenzene	106-46-7	N.D.	10	50	10
10905	Dichlorodifluoromethane	75-71-8	N.D.	20	50	10
10905	1,1-Dichloroethane	75-34-3	N.D.	10	50	10
10905	1,2-Dichloroethane	107-06-2	N.D.	5	40	10
10905	1,1-Dichloroethene	75-35-4	N.D.	8	50	10
10905	cis-1,2-Dichloroethene	156-59-2	N.D.	8	50	10
10905	trans-1,2-Dichloroethene	156-60-5	N.D.	8	50	10
10905	1,2-Dichloropropane	78-87-5	N.D.	10	50	10
10905	1,3-Dichloropropane	142-28-9	N.D.	10	50	10
10905	2,2-Dichloropropane	594-20-7	N.D.	10	50	10
10905	1,1-Dichloropropene	563-58-6	N.D.	10	50	10
10905	cis-1,3-Dichloropropene	10061-01-5	N.D.	10	50	10
10905	trans-1,3-Dichloropropene	10061-02-6	N.D.	10	50	10
10905	Ethanol	64-17-5	N.D.	500	2,500	10
10905	Ethyl t-butyl ether	637-92-3	N.D.	5	40	10
10905	Ethylbenzene	100-41-4	N.D.	5	40	10
10905	Freon 113	76-13-1	N.D.	20	100	10
10905	Hexachlorobutadiene	87-68-3	N.D.	20	50	10
10905	2-Hexanone	591-78-6	N.D.	30	100	10
10905	di-Isopropyl ether	108-20-3	N.D.	5	40	10

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

Sample Description: **MW-5-W-110930 NA Water**
Facility #91851 BTST
451 Hegenberger-Oakland T0600102238 MW-5

LLI Sample # WW 6428506
LLI Group # 1269699
Account # 10991

Project Name: 91851

Collected: 09/30/2011 12:35 by EV

Submitted: 10/04/2011 17:55
Reported: 11/16/2011 12:59

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

HOMW5

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**	
10905	Isopropylbenzene	98-82-8	N.D.		10	50	10
10905	p-Isopropyltoluene	99-87-6	N.D.		10	50	10
10905	Methyl Tertiary Butyl Ether	1634-04-4	8	J	5	40	10
10905	4-Methyl-2-pentanone	108-10-1	N.D.		30	100	10
10905	Methylene Chloride	75-09-2	N.D.		20	50	10
10905	Naphthalene	91-20-3	N.D.		10	50	10
10905	n-Propylbenzene	103-65-1	N.D.		10	50	10
10905	Styrene	100-42-5	N.D.		10	50	10
10905	1,1,1,2-Tetrachloroethane	630-20-6	N.D.		10	50	10
10905	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		10	50	10
10905	Tetrachloroethene	127-18-4	N.D.		8	50	10
10905	Toluene	108-88-3	N.D.		5	40	10
10905	1,2,3-Trichlorobenzene	87-61-6	N.D.		10	50	10
10905	1,2,4-Trichlorobenzene	120-82-1	N.D.		10	50	10
10905	1,1,1-Trichloroethane	71-55-6	N.D.		8	50	10
10905	1,1,2-Trichloroethane	79-00-5	N.D.		8	50	10
10905	Trichloroethene	79-01-6	N.D.		10	50	10
10905	Trichlorofluoromethane	75-69-4	N.D.		20	50	10
10905	1,2,3-Trichloropropane	96-18-4	N.D.		10	50	10
10905	1,2,4-Trimethylbenzene	95-63-6	N.D.		10	50	10
10905	1,3,5-Trimethylbenzene	108-67-8	N.D.		10	50	10
10905	Vinyl Chloride	75-01-4	N.D.		10	50	10
10905	m+p-Xylene	179601-23-1	N.D.		5	40	10
10905	o-Xylene	95-47-6	N.D.		5	40	10

A preserved vial was submitted for analysis. However, the pH at the time of analysis was 7.

Reporting limits were raised due to sample foaming.

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

A preserved vial was submitted for analysis. However, the pH at the time of analysis was 7.

GC Petroleum Hydrocarbons	**SW-846 8015B**		**ug/l**		**ug/l**	**ug/l**	
06610	TPH-DRO CA C10-C28 w/ Si Gel	n.a.	N.D.		50	110	1

The reverse surrogate, capric acid, was present at 0%.

GC Petroleum Hydrocarbons	**SW-846 8015B modified**		**ug/l**		**ug/l**	**ug/l**	
10006	Motor Oil C16-C36 w/Si Gel	n.a.	43	J	39	120	1
10006	Total TPH w/Si Gel	n.a.	43	J	39	120	1

TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.
The reverse surrogate, capric acid, was present at 0%.

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

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Analysis Report

Sample Description: MW-5-W-110930 NA Water
Facility #91851 BTST
451 Hegenberger-Oakland T0600102238 MW-5

LLI Sample # WW 6428506
LLI Group # 1269699
Account # 10991

Project Name: 91851

Collected: 09/30/2011 12:35 by EV

Submitted: 10/04/2011 17:55
Reported: 11/16/2011 12:59

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

HOMW5

General Sample Comments

State of California Lab Certification No. 2501

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10905	8260 Full List w/ Sep. Xylenes	SW-846 8260B	1	W112853AA	10/12/2011 23:53	Emily R Styer	10
01163	GC/MS VOA Water Prep	SW-846 5030B	1	W112853AA	10/12/2011 23:53	Emily R Styer	10
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	11280A07A	10/11/2011 08:32	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	11280A07A	10/11/2011 08:32	Marie D John	1
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B	1	112780008A	10/10/2011 20:49	Elizabeth J Marin	1
10006	TPH Fuels water w/Si Gel	SW-846 8015B modified	1	112780006A	10/15/2011 20:06	Heather E Williams	1
11180	Low Vol Ext(W) w/SG	SW-846 3510C	1	112780008A	10/05/2011 19:40	Kathryn I DeHaven	1
11195	TPH w/ Silica Gel Waters Ext.	SW-846 3510C	1	112780006A	10/05/2011 16:30	Bronson L Cole	1

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Analysis Report

Sample Description: **MW-6-W-110930 NA Water**
Facility #91851 BTST
451 Hegenberger-Oakland T0600102238 MW-6

LLI Sample # WW 6428507
LLI Group # 1269699
Account # 10991

Project Name: 91851

Collected: 09/30/2011 10:38 by EV

Submitted: 10/04/2011 17:55
Reported: 11/16/2011 12:59

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

HOMW6

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	**ug/l**	
10905	Acetone	67-64-1	N.D.	6	20	1
10905	t-Amyl methyl ether	994-05-8	0.6 J	0.5	4	1
10905	Benzene	71-43-2	N.D.	0.5	4	1
10905	Bromobenzene	108-86-1	N.D.	1	5	1
10905	Bromochloromethane	74-97-5	N.D.	1	5	1
10905	Bromodichloromethane	75-27-4	N.D.	1	5	1
10905	Bromoform	75-25-2	N.D.	1	5	1
10905	Bromomethane	74-83-9	N.D.	1	5	1
10905	2-Butanone	78-93-3	N.D.	3	10	1
10905	t-Butyl alcohol	75-65-0	N.D.	5	80	1
10905	n-Butylbenzene	104-51-8	N.D.	1	5	1
10905	sec-Butylbenzene	135-98-8	N.D.	1	5	1
10905	tert-Butylbenzene	98-06-6	N.D.	1	5	1
10905	Carbon Disulfide	75-15-0	N.D.	1	5	1
10905	Carbon Tetrachloride	56-23-5	N.D.	1	5	1
10905	Chlorobenzene	108-90-7	N.D.	0.8	5	1
10905	Chloroethane	75-00-3	N.D.	1	5	1
10905	2-Chloroethyl Vinyl Ether	110-75-8	N.D.	2	10	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.					
10905	Chloroform	67-66-3	N.D.	0.8	5	1
10905	Chloromethane	74-87-3	N.D.	1	5	1
10905	2-Chlorotoluene	95-49-8	N.D.	1	5	1
10905	4-Chlorotoluene	106-43-4	N.D.	1	5	1
10905	1,2-Dibromo-3-chloropropane	96-12-8	N.D.	2	5	1
10905	Dibromochloromethane	124-48-1	N.D.	1	5	1
10905	1,2-Dibromoethane	106-93-4	N.D.	0.5	4	1
10905	Dibromomethane	74-95-3	N.D.	1	5	1
10905	1,2-Dichlorobenzene	95-50-1	N.D.	1	5	1
10905	1,3-Dichlorobenzene	541-73-1	N.D.	1	5	1
10905	1,4-Dichlorobenzene	106-46-7	N.D.	1	5	1
10905	Dichlorodifluoromethane	75-71-8	N.D.	2	5	1
10905	1,1-Dichloroethane	75-34-3	N.D.	1	5	1
10905	1,2-Dichloroethane	107-06-2	N.D.	0.5	4	1
10905	1,1-Dichloroethene	75-35-4	N.D.	0.8	5	1
10905	cis-1,2-Dichloroethene	156-59-2	N.D.	0.8	5	1
10905	trans-1,2-Dichloroethene	156-60-5	N.D.	0.8	5	1
10905	1,2-Dichloropropane	78-87-5	N.D.	1	5	1
10905	1,3-Dichloropropane	142-28-9	N.D.	1	5	1
10905	2,2-Dichloropropane	594-20-7	N.D.	1	5	1
10905	1,1-Dichloropropene	563-58-6	N.D.	1	5	1
10905	cis-1,3-Dichloropropene	10061-01-5	N.D.	1	5	1
10905	trans-1,3-Dichloropropene	10061-02-6	N.D.	1	5	1
10905	Ethanol	64-17-5	N.D.	50	250	1
10905	Ethyl t-butyl ether	637-92-3	N.D.	0.5	4	1
10905	Ethylbenzene	100-41-4	N.D.	0.5	4	1
10905	Freon 113	76-13-1	N.D.	2	10	1
10905	Hexachlorobutadiene	87-68-3	N.D.	2	5	1
10905	2-Hexanone	591-78-6	N.D.	3	10	1
10905	di-Isopropyl ether	108-20-3	N.D.	0.5	4	1

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

Sample Description: **MW-6-W-110930 NA Water**
Facility #91851 BTST
451 Hegenberger-Oakland T0600102238 MW-6

LLI Sample # WW 6428507
LLI Group # 1269699
Account # 10991

Project Name: 91851

Collected: 09/30/2011 10:38 by EV

Submitted: 10/04/2011 17:55
Reported: 11/16/2011 12:59

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

HOMW6

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**		**ug/l**	**ug/l**	
10905	Isopropylbenzene	98-82-8	N.D.		1	5	1
10905	p-Isopropyltoluene	99-87-6	N.D.		1	5	1
10905	Methyl Tertiary Butyl Ether	1634-04-4	4	J	0.5	4	1
10905	4-Methyl-2-pentanone	108-10-1	N.D.		3	10	1
10905	Methylene Chloride	75-09-2	N.D.		2	5	1
10905	Naphthalene	91-20-3	N.D.		1	5	1
10905	n-Propylbenzene	103-65-1	N.D.		1	5	1
10905	Styrene	100-42-5	N.D.		1	5	1
10905	1,1,1,2-Tetrachloroethane	630-20-6	N.D.		1	5	1
10905	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		1	5	1
10905	Tetrachloroethene	127-18-4	N.D.		0.8	5	1
10905	Toluene	108-88-3	N.D.		0.5	4	1
10905	1,2,3-Trichlorobenzene	87-61-6	N.D.		1	5	1
10905	1,2,4-Trichlorobenzene	120-82-1	N.D.		1	5	1
10905	1,1,1-Trichloroethane	71-55-6	N.D.		0.8	5	1
10905	1,1,2-Trichloroethane	79-00-5	N.D.		0.8	5	1
10905	Trichloroethene	79-01-6	N.D.		1	5	1
10905	Trichlorofluoromethane	75-69-4	N.D.		2	5	1
10905	1,2,3-Trichloropropane	96-18-4	N.D.		1	5	1
10905	1,2,4-Trimethylbenzene	95-63-6	N.D.		1	5	1
10905	1,3,5-Trimethylbenzene	108-67-8	N.D.		1	5	1
10905	Vinyl Chloride	75-01-4	N.D.		1	5	1
10905	m+p-Xylene	179601-23-1	N.D.		0.5	4	1
10905	o-Xylene	95-47-6	N.D.		0.5	4	1
GC Volatiles	**SW-846 8015B**		**ug/l**		**ug/l**	**ug/l**	
01728	TPH-GRO N. CA water C6-C12	n.a.	N.D.		50	100	1
GC Petroleum Hydrocarbons	**SW-846 8015B**		**ug/l**		**ug/l**	**ug/l**	
06610	TPH-DRO CA C10-C28 w/ Si Gel	n.a.	N.D.		50	110	1

The reverse surrogate, capric acid, was present at 0%.

The recovery for the sample surrogate is outside the QC acceptance limits as noted on the QC Summary. The following corrective action was taken: The sample was re-extracted outside of the method required holding time, and the surrogate recovery is within the QC acceptance limits. Since the hold time had expired prior to the second extraction all results are reported from the original extract. Similar results were obtained in both extracts.

GC Petroleum Hydrocarbons	**SW-846 8015B modified**		**ug/l**		**ug/l**	**ug/l**	
10006	Motor Oil C16-C36 w/Si Gel	n.a.	51	J	39	120	1
10006	Total TPH w/Si Gel	n.a.	51	J	39	120	1

TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.
The recovery for the sample surrogate(s) is outside the QC acceptance limits

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

Sample Description: MW-6-W-110930 NA Water
Facility #91851 BTST
451 Hegenberger-Oakland T0600102238 MW-6

LLI Sample # WW 6428507
LLI Group # 1269699
Account # 10991

Project Name: 91851

Collected: 09/30/2011 10:38 by EV

Submitted: 10/04/2011 17:55
Reported: 11/16/2011 12:59

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

HOMW6

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor

as noted on the QC Summary. The following corrective action was taken: The sample was re-analyzed outside of the method required holding time and the surrogate recoveries in the sample and all associated QC are outside the QC acceptance limits. The spike recoveries in the LCS/MS/MSD associated with the re-analyzed sample are within the QC acceptance limits. No sample volume was available to perform another extraction. Similar results were obtained in both trials.
The reverse surrogate, capric acid, was present at <1%.

General Sample Comments

State of California Lab Certification No. 2501

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10905	8260 Full List w/ Sep. Xylenes	SW-846 8260B	1	W112862AA	10/13/2011 03:39	Stephanie A Selis	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	W112862AA	10/13/2011 03:39	Stephanie A Selis	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	11280A07A	10/11/2011 03:24	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	11280A07A	10/11/2011 03:24	Marie D John	1
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B	1	112780008A	10/10/2011 21:10	Glorines Suarez-Rivera	1
10006	TPH Fuels water w/Si Gel	SW-846 8015B modified	1	112780006A	10/15/2011 20:30	Heather E Williams	1
11180	Low Vol Ext(W) w/SG	SW-846 3510C	1	112780008A	10/05/2011 19:40	Kathryn I DeHaven	1
11195	TPH w/ Silica Gel Waters Ext.	SW-846 3510C	1	112780006A	10/05/2011 16:30	Bronson L Cole	1

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Analysis Report

Sample Description: **MW-7-W-110930 NA Water**
Facility #91851 BTST
451 Hegenberger-Oakland T0600102238 MW-7

LLI Sample # WW 6428508
LLI Group # 1269699
Account # 10991

Project Name: 91851

Collected: 09/30/2011 10:53 by EV

Submitted: 10/04/2011 17:55
Reported: 11/16/2011 12:59

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

HOMW7

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**		**ug/l**	**ug/l**	
10905	Acetone	67-64-1	N.D.		6	20	1
10905	t-Amyl methyl ether	994-05-8	0.7	J	0.5	4	1
10905	Benzene	71-43-2	N.D.		0.5	4	1
10905	Bromobenzene	108-86-1	N.D.		1	5	1
10905	Bromochloromethane	74-97-5	N.D.		1	5	1
10905	Bromodichloromethane	75-27-4	N.D.		1	5	1
10905	Bromoform	75-25-2	N.D.		1	5	1
10905	Bromomethane	74-83-9	N.D.		1	5	1
10905	2-Butanone	78-93-3	N.D.		3	10	1
10905	t-Butyl alcohol	75-65-0	81		5	80	1
10905	n-Butylbenzene	104-51-8	N.D.		1	5	1
10905	sec-Butylbenzene	135-98-8	N.D.		1	5	1
10905	tert-Butylbenzene	98-06-6	1	J	1	5	1
10905	Carbon Disulfide	75-15-0	N.D.		1	5	1
10905	Carbon Tetrachloride	56-23-5	N.D.		1	5	1
10905	Chlorobenzene	108-90-7	N.D.		0.8	5	1
10905	Chloroethane	75-00-3	N.D.		1	5	1
10905	2-Chloroethyl Vinyl Ether	110-75-8	N.D.		2	10	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.						
10905	Chloroform	67-66-3	N.D.		0.8	5	1
10905	Chloromethane	74-87-3	N.D.		1	5	1
10905	2-Chlorotoluene	95-49-8	N.D.		1	5	1
10905	4-Chlorotoluene	106-43-4	N.D.		1	5	1
10905	1,2-Dibromo-3-chloropropane	96-12-8	N.D.		2	5	1
10905	Dibromochloromethane	124-48-1	N.D.		1	5	1
10905	1,2-Dibromoethane	106-93-4	N.D.		0.5	4	1
10905	Dibromomethane	74-95-3	N.D.		1	5	1
10905	1,2-Dichlorobenzene	95-50-1	N.D.		1	5	1
10905	1,3-Dichlorobenzene	541-73-1	N.D.		1	5	1
10905	1,4-Dichlorobenzene	106-46-7	N.D.		1	5	1
10905	Dichlorodifluoromethane	75-71-8	N.D.		2	5	1
10905	1,1-Dichloroethane	75-34-3	N.D.		1	5	1
10905	1,2-Dichloroethane	107-06-2	N.D.		0.5	4	1
10905	1,1-Dichloroethene	75-35-4	N.D.		0.8	5	1
10905	cis-1,2-Dichloroethene	156-59-2	N.D.		0.8	5	1
10905	trans-1,2-Dichloroethene	156-60-5	N.D.		0.8	5	1
10905	1,2-Dichloropropane	78-87-5	N.D.		1	5	1
10905	1,3-Dichloropropane	142-28-9	N.D.		1	5	1
10905	2,2-Dichloropropane	594-20-7	N.D.		1	5	1
10905	1,1-Dichloropropene	563-58-6	N.D.		1	5	1
10905	cis-1,3-Dichloropropene	10061-01-5	N.D.		1	5	1
10905	trans-1,3-Dichloropropene	10061-02-6	N.D.		1	5	1
10905	Ethanol	64-17-5	N.D.		50	250	1
10905	Ethyl t-butyl ether	637-92-3	N.D.		0.5	4	1
10905	Ethylbenzene	100-41-4	N.D.		0.5	4	1
10905	Freon 113	76-13-1	N.D.		2	10	1
10905	Hexachlorobutadiene	87-68-3	N.D.		2	5	1
10905	2-Hexanone	591-78-6	N.D.		3	10	1
10905	di-Isopropyl ether	108-20-3	N.D.		0.5	4	1

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

Sample Description: **MW-7-W-110930 NA Water**
Facility #91851 BTST
451 Hegenberger-Oakland T0600102238 MW-7

LLI Sample # WW 6428508
LLI Group # 1269699
Account # 10991

Project Name: 91851

Collected: 09/30/2011 10:53 by EV

Submitted: 10/04/2011 17:55
Reported: 11/16/2011 12:59

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

HOMW7

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**		**ug/l**	**ug/l**	
10905	Isopropylbenzene	98-82-8	N.D.		1	5	1
10905	p-Isopropyltoluene	99-87-6	N.D.		1	5	1
10905	Methyl Tertiary Butyl Ether	1634-04-4	6		0.5	4	1
10905	4-Methyl-2-pentanone	108-10-1	N.D.		3	10	1
10905	Methylene Chloride	75-09-2	N.D.		2	5	1
10905	Naphthalene	91-20-3	N.D.		1	5	1
10905	n-Propylbenzene	103-65-1	N.D.		1	5	1
10905	Styrene	100-42-5	N.D.		1	5	1
10905	1,1,1,2-Tetrachloroethane	630-20-6	N.D.		1	5	1
10905	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		1	5	1
10905	Tetrachloroethene	127-18-4	N.D.		0.8	5	1
10905	Toluene	108-88-3	N.D.		0.5	4	1
10905	1,2,3-Trichlorobenzene	87-61-6	N.D.		1	5	1
10905	1,2,4-Trichlorobenzene	120-82-1	N.D.		1	5	1
10905	1,1,1-Trichloroethane	71-55-6	N.D.		0.8	5	1
10905	1,1,2-Trichloroethane	79-00-5	N.D.		0.8	5	1
10905	Trichloroethene	79-01-6	N.D.		1	5	1
10905	Trichlorofluoromethane	75-69-4	N.D.		2	5	1
10905	1,2,3-Trichloropropane	96-18-4	N.D.		1	5	1
10905	1,2,4-Trimethylbenzene	95-63-6	N.D.		1	5	1
10905	1,3,5-Trimethylbenzene	108-67-8	N.D.		1	5	1
10905	Vinyl Chloride	75-01-4	N.D.		1	5	1
10905	m+p-Xylene	179601-23-1	N.D.		0.5	4	1
10905	o-Xylene	95-47-6	N.D.		0.5	4	1
GC Volatiles	**SW-846 8015B**		**ug/l**		**ug/l**	**ug/l**	
01728	TPH-GRO N. CA water C6-C12	n.a.	N.D.		50	100	1
GC Petroleum Hydrocarbons	**SW-846 8015B**		**ug/l**		**ug/l**	**ug/l**	
06610	TPH-DRO CA C10-C28 w/ Si Gel	n.a.	N.D.		50	100	1
	The reverse surrogate, capric acid, was present at 0%.						
GC Petroleum Hydrocarbons	**SW-846 8015B modified**		**ug/l**		**ug/l**	**ug/l**	
10006	Motor Oil C16-C36 w/Si Gel	n.a.	48	J	38	110	1
10006	Total TPH w/Si Gel	n.a.	48	J	38	110	1
	TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons. The reverse surrogate, capric acid, was present at 0%.						

General Sample Comments

State of California Lab Certification No. 2501

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

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

Lancaster Laboratories

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

Analysis Report

Sample Description: MW-7-W-110930 NA Water
Facility #91851 BTST
451 Hegenberger-Oakland T0600102238 MW-7

LLI Sample # WW 6428508
LLI Group # 1269699
Account # 10991

Project Name: 91851

Collected: 09/30/2011 10:53 by EV

Submitted: 10/04/2011 17:55
Reported: 11/16/2011 12:59

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

HOMW7

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10905	8260 Full List w/ Sep. Xylenes	SW-846 8260B	1	W112862AA	10/13/2011 04:51	Stephanie A Selis	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	W112862AA	10/13/2011 04:51	Stephanie A Selis	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	11280A07A	10/11/2011 03:50	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	11280A07A	10/11/2011 03:50	Marie D John	1
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B	1	112780008A	10/10/2011 21:32	Elizabeth J Marin	1
10006	TPH Fuels water w/Si Gel	SW-846 8015B modified	1	112780006A	10/17/2011 22:36	Heather E Williams	1
11180	Low Vol Ext(W) w/SG	SW-846 3510C	1	112780008A	10/05/2011 19:40	Kathryn I DeHaven	1
11195	TPH w/ Silica Gel Waters Ext.	SW-846 3510C	1	112780006A	10/05/2011 16:30	Bronson L Cole	1

Lancaster Laboratories

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Analysis Report

Sample Description: QA-T-110930 NA Water
Facility #91851 BTST
451 Hegenberger-Oakland T0600102238 QA

LLI Sample # WW 6428509
LLI Group # 1269699
Account # 10991

Project Name: 91851

Collected: 09/30/2011 08:05

Submitted: 10/04/2011 17:55
Reported: 11/16/2011 12:59

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

QAHO-

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

General Sample Comments

State of California Lab Certification No. 2501

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX/MTBE 8260 Water	SW-846 8260B	1	P112801AA	10/07/2011 12:17	Emily R Styer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	P112801AA	10/07/2011 12:17	Emily R Styer	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	11280A07A	10/11/2011 00:50	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	11280A07A	10/11/2011 00:50	Marie D John	1

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

Quality Control Summary

Client Name: Chevron Group Number: 1269699
Reported: 11/16/11 at 12:59 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: P112801AA	Sample number(s): 6428509								
Benzene	N.D.	0.5	1	ug/l	84		79-120		
Ethylbenzene	N.D.	0.5	1	ug/l	84		79-120		
Methyl Tertiary Butyl Ether	N.D.	0.5	1	ug/l	95		76-120		
Toluene	N.D.	0.5	1	ug/l	87		79-120		
Xylene (Total)	N.D.	0.5	1	ug/l	86		80-120		
Batch number: W112852AA	Sample number(s): 6428503								
Acetone	N.D.	6.	20	ug/l	99		49-234		
t-Amyl methyl ether	N.D.	0.5	4	ug/l	92		77-120		
Benzene	N.D.	0.5	4	ug/l	94		79-120		
Bromobenzene	N.D.	1.	5	ug/l	95		80-120		
Bromochloromethane	N.D.	1.	5	ug/l	97		80-120		
Bromodichloromethane	N.D.	1.	5	ug/l	93		80-120		
Bromoform	N.D.	1.	5	ug/l	92		61-120		
Bromomethane	N.D.	1.	5	ug/l	60		44-120		
2-Butanone	N.D.	3.	10	ug/l	83		66-151		
t-Butyl alcohol	N.D.	5.	80	ug/l	103		62-129		
n-Butylbenzene	N.D.	1.	5	ug/l	93		74-120		
sec-Butylbenzene	N.D.	1.	5	ug/l	92		78-120		
tert-Butylbenzene	N.D.	1.	5	ug/l	93		80-120		
Carbon Disulfide	N.D.	1.	5	ug/l	90		62-120		
Carbon Tetrachloride	N.D.	1.	5	ug/l	91		75-123		
Chlorobenzene	N.D.	0.8	5	ug/l	96		80-120		
Chloroethane	N.D.	1.	5	ug/l	71		49-129		
2-Chloroethyl Vinyl Ether	N.D.	2.	10	ug/l	90		56-129		
Chloroform	N.D.	0.8	5	ug/l	93		77-122		
Chloromethane	N.D.	1.	5	ug/l	81		60-129		
2-Chlorotoluene	N.D.	1.	5	ug/l	94		80-120		
4-Chlorotoluene	N.D.	1.	5	ug/l	94		80-120		
1,2-Dibromo-3-chloropropane	N.D.	2.	5	ug/l	88		56-126		
Dibromochloromethane	N.D.	1.	5	ug/l	93		80-120		
1,2-Dibromoethane	N.D.	0.5	4	ug/l	94		80-120		
Dibromomethane	N.D.	1.	5	ug/l	95		80-120		
1,2-Dichlorobenzene	N.D.	1.	5	ug/l	95		80-120		
1,3-Dichlorobenzene	N.D.	1.	5	ug/l	94		80-120		
1,4-Dichlorobenzene	N.D.	1.	5	ug/l	94		80-120		
Dichlorodifluoromethane	N.D.	2.	5	ug/l	76		47-120		
1,1-Dichloroethane	N.D.	1.	5	ug/l	92		79-120		
1,2-Dichloroethane	N.D.	0.5	4	ug/l	96		70-130		
1,1-Dichloroethene	N.D.	0.8	5	ug/l	91		74-123		
cis-1,2-Dichloroethene	N.D.	0.8	5	ug/l	95		80-120		
trans-1,2-Dichloroethene	N.D.	0.8	5	ug/l	94		80-120		
1,2-Dichloropropane	N.D.	1.	5	ug/l	92		78-120		
1,3-Dichloropropane	N.D.	1.	5	ug/l	94		80-120		
2,2-Dichloropropane	N.D.	1.	5	ug/l	94		77-124		

*- 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: 1269699
Reported: 11/16/11 at 12:59 PM

Analysis Name	Blank Result	Blank MDL**	Blank LOQ	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
1,1-Dichloropropene	N.D.	1.	5	ug/l	92		80-120		
cis-1,3-Dichloropropene	N.D.	1.	5	ug/l	93		80-120		
trans-1,3-Dichloropropene	N.D.	1.	5	ug/l	92		79-120		
Ethanol	N.D.	50.	250	ug/l	107		54-149		
Ethyl t-butyl ether	N.D.	0.5	4	ug/l	92		76-120		
Ethylbenzene	N.D.	0.5	4	ug/l	95		79-120		
Freon 113	N.D.	2.	10	ug/l	90		69-128		
Hexachlorobutadiene	N.D.	2.	5	ug/l	84		58-120		
2-Hexanone	N.D.	3.	10	ug/l	66		65-136		
di-Isopropyl ether	N.D.	0.5	4	ug/l	91		71-124		
Isopropylbenzene	N.D.	1.	5	ug/l	96		77-120		
p-Isopropyltoluene	N.D.	1.	5	ug/l	93		80-120		
Methyl Tertiary Butyl Ether	N.D.	0.5	4	ug/l	93		76-120		
4-Methyl-2-pentanone	N.D.	3.	10	ug/l	71		70-121		
Methylene Chloride	N.D.	2.	5	ug/l	96		80-120		
Naphthalene	N.D.	1.	5	ug/l	94		62-120		
n-Propylbenzene	N.D.	1.	5	ug/l	95		80-120		
Styrene	N.D.	1.	5	ug/l	97		80-120		
1,1,1,2-Tetrachloroethane	N.D.	1.	5	ug/l	93		80-120		
1,1,2,2-Tetrachloroethane	N.D.	1.	5	ug/l	92		71-120		
Tetrachloroethene	N.D.	0.8	5	ug/l	96		80-121		
Toluene	N.D.	0.5	4	ug/l	95		79-120		
1,2,3-Trichlorobenzene	N.D.	1.	5	ug/l	92		65-120		
1,2,4-Trichlorobenzene	N.D.	1.	5	ug/l	91		67-120		
1,1,1-Trichloroethane	N.D.	0.8	5	ug/l	91		75-127		
1,1,2-Trichloroethane	N.D.	0.8	5	ug/l	94		80-120		
Trichloroethene	N.D.	1.	5	ug/l	94		80-120		
Trichlorofluoromethane	N.D.	2.	5	ug/l	79		64-129		
1,2,3-Trichloropropane	N.D.	1.	5	ug/l	92		80-120		
1,2,4-Trimethylbenzene	N.D.	1.	5	ug/l	95		74-120		
1,3,5-Trimethylbenzene	N.D.	1.	5	ug/l	94		75-120		
Vinyl Chloride	N.D.	1.	5	ug/l	80		65-125		
m+p-Xylene	N.D.	0.5	4	ug/l	98		80-120		
o-Xylene	N.D.	0.5	4	ug/l	98		80-120		
Batch number: W112853AA	Sample number(s): 6428504-6428506								
Acetone	N.D.	6.	20	ug/l	103	106	49-234	3	30
t-Amyl methyl ether	N.D.	0.5	4	ug/l	95	97	77-120	2	30
Benzene	N.D.	0.5	4	ug/l	101	101	79-120	0	30
Bromobenzene	N.D.	1.	5	ug/l	100	101	80-120	1	30
Bromochloromethane	N.D.	1.	5	ug/l	102	103	80-120	1	30
Bromodichloromethane	N.D.	1.	5	ug/l	98	99	80-120	1	30
Bromoform	N.D.	1.	5	ug/l	101	102	61-120	1	30
Bromomethane	N.D.	1.	5	ug/l	65	63	44-120	3	30
2-Butanone	N.D.	3.	10	ug/l	87	89	66-151	2	30
t-Butyl alcohol	N.D.	5.	80	ug/l	110	111	62-129	0	30
n-Butylbenzene	N.D.	1.	5	ug/l	97	97	74-120	1	30
sec-Butylbenzene	N.D.	1.	5	ug/l	97	99	78-120	1	30
tert-Butylbenzene	N.D.	1.	5	ug/l	98	99	80-120	1	30
Carbon Disulfide	N.D.	1.	5	ug/l	95	95	62-120	1	30
Carbon Tetrachloride	N.D.	1.	5	ug/l	97	97	75-123	0	30
Chlorobenzene	N.D.	0.8	5	ug/l	101	101	80-120	0	30
Chloroethane	N.D.	1.	5	ug/l	68	65	49-129	5	30
2-Chloroethyl Vinyl Ether	N.D.	2.	10	ug/l	92	94	56-129	1	30
Chloroform	N.D.	0.8	5	ug/l	99	99	77-122	1	30
Chloromethane	N.D.	1.	5	ug/l	85	83	60-129	2	30
2-Chlorotoluene	N.D.	1.	5	ug/l	98	98	80-120	0	30
4-Chlorotoluene	N.D.	1.	5	ug/l	100	101	80-120	1	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: 1269699
Reported: 11/16/11 at 12:59 PM

Analysis Name	Blank Result	Blank MDL**	Blank LOQ	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
1,2-Dibromo-3-chloropropane	N.D.	2.	5	ug/l	91	92	56-126	1	30
Dibromochloromethane	N.D.	1.	5	ug/l	99	100	80-120	0	30
1,2-Dibromoethane	N.D.	0.5	4	ug/l	97	98	80-120	1	30
Dibromomethane	N.D.	1.	5	ug/l	99	99	80-120	0	30
1,2-Dichlorobenzene	N.D.	1.	5	ug/l	100	100	80-120	0	30
1,3-Dichlorobenzene	N.D.	1.	5	ug/l	99	100	80-120	1	30
1,4-Dichlorobenzene	N.D.	1.	5	ug/l	98	100	80-120	2	30
Dichlorodifluoromethane	N.D.	2.	5	ug/l	81	80	47-120	1	30
1,1-Dichloroethane	N.D.	1.	5	ug/l	98	99	79-120	0	30
1,2-Dichloroethane	N.D.	0.5	4	ug/l	97	98	70-130	1	30
1,1-Dichloroethene	N.D.	0.8	5	ug/l	100	100	74-123	0	30
cis-1,2-Dichloroethene	N.D.	0.8	5	ug/l	100	100	80-120	1	30
trans-1,2-Dichloroethene	N.D.	0.8	5	ug/l	99	101	80-120	2	30
1,2-Dichloropropane	N.D.	1.	5	ug/l	99	99	78-120	0	30
1,3-Dichloropropane	N.D.	1.	5	ug/l	97	97	80-120	0	30
2,2-Dichloropropane	N.D.	1.	5	ug/l	97	99	77-124	2	30
1,1-Dichloropropene	N.D.	1.	5	ug/l	98	98	80-120	0	30
cis-1,3-Dichloropropene	N.D.	1.	5	ug/l	95	97	80-120	2	30
trans-1,3-Dichloropropene	N.D.	1.	5	ug/l	94	94	79-120	0	30
Ethanol	N.D.	50.	250	ug/l	109	105	54-149	3	30
Ethyl t-butyl ether	N.D.	0.5	4	ug/l	96	98	76-120	3	30
Ethylbenzene	N.D.	0.5	4	ug/l	100	100	79-120	0	30
Freon 113	N.D.	2.	10	ug/l	101	100	69-128	1	30
Hexachlorobutadiene	N.D.	2.	5	ug/l	86	87	58-120	2	30
2-Hexanone	N.D.	3.	10	ug/l	70	70	65-136	0	30
di-Isopropyl ether	N.D.	0.5	4	ug/l	95	97	71-124	2	30
Isopropylbenzene	N.D.	1.	5	ug/l	101	101	77-120	1	30
p-Isopropyltoluene	N.D.	1.	5	ug/l	98	99	80-120	1	30
Methyl Tertiary Butyl Ether	N.D.	0.5	4	ug/l	95	96	76-120	1	30
4-Methyl-2-pentanone	N.D.	3.	10	ug/l	73	73	70-121	1	30
Methylene Chloride	N.D.	2.	5	ug/l	98	101	80-120	2	30
Naphthalene	N.D.	1.	5	ug/l	95	98	62-120	3	30
n-Propylbenzene	N.D.	1.	5	ug/l	100	101	80-120	1	30
Styrene	N.D.	1.	5	ug/l	102	102	80-120	0	30
1,1,1,2-Tetrachloroethane	N.D.	1.	5	ug/l	98	97	80-120	1	30
1,1,2,2-Tetrachloroethane	N.D.	1.	5	ug/l	95	98	71-120	2	30
Tetrachloroethene	N.D.	0.8	5	ug/l	101	102	80-121	2	30
Toluene	N.D.	0.5	4	ug/l	101	100	79-120	1	30
1,2,3-Trichlorobenzene	N.D.	1.	5	ug/l	94	96	65-120	2	30
1,2,4-Trichlorobenzene	N.D.	1.	5	ug/l	94	97	67-120	3	30
1,1,1-Trichloroethane	N.D.	0.8	5	ug/l	95	96	75-127	1	30
1,1,2-Trichloroethane	N.D.	0.8	5	ug/l	97	97	80-120	0	30
Trichloroethene	N.D.	1.	5	ug/l	100	99	80-120	1	30
Trichlorofluoromethane	N.D.	2.	5	ug/l	88	82	64-129	7	30
1,2,3-Trichloropropane	N.D.	1.	5	ug/l	96	96	80-120	0	30
1,2,4-Trimethylbenzene	N.D.	1.	5	ug/l	99	101	74-120	2	30
1,3,5-Trimethylbenzene	N.D.	1.	5	ug/l	99	100	75-120	1	30
Vinyl Chloride	N.D.	1.	5	ug/l	85	85	65-125	1	30
m+p-Xylene	N.D.	0.5	4	ug/l	103	103	80-120	0	30
o-Xylene	N.D.	0.5	4	ug/l	103	103	80-120	0	30
Batch number: W112862AA	Sample number(s): 6428507-6428508								
Acetone	N.D.	6.	20	ug/l	105		49-234		
t-Amyl methyl ether	N.D.	0.5	4	ug/l	90		77-120		
Benzene	N.D.	0.5	4	ug/l	98		79-120		
Bromobenzene	N.D.	1.	5	ug/l	94		80-120		
Bromochloromethane	N.D.	1.	5	ug/l	97		80-120		
Bromodichloromethane	N.D.	1.	5	ug/l	92		80-120		

*- 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: 1269699
Reported: 11/16/11 at 12:59 PM

Analysis Name	Blank Result	Blank MDL**	Blank LOQ	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Bromoform	N.D.	1.	5	ug/l	92		61-120		
Bromomethane	N.D.	1.	5	ug/l	58		44-120		
2-Butanone	N.D.	3.	10	ug/l	86		66-151		
t-Butyl alcohol	N.D.	5.	80	ug/l	93		62-129		
n-Butylbenzene	N.D.	1.	5	ug/l	93		74-120		
sec-Butylbenzene	N.D.	1.	5	ug/l	95		78-120		
tert-Butylbenzene	N.D.	1.	5	ug/l	95		80-120		
Carbon Disulfide	N.D.	1.	5	ug/l	95		62-120		
Carbon Tetrachloride	N.D.	1.	5	ug/l	95		75-123		
Chlorobenzene	N.D.	0.8	5	ug/l	97		80-120		
Chloroethane	N.D.	1.	5	ug/l	67		49-129		
2-Chloroethyl Vinyl Ether	N.D.	2.	10	ug/l	88		56-129		
Chloroform	N.D.	0.8	5	ug/l	94		77-122		
Chloromethane	N.D.	1.	5	ug/l	84		60-129		
2-Chlorotoluene	N.D.	1.	5	ug/l	94		80-120		
4-Chlorotoluene	N.D.	1.	5	ug/l	95		80-120		
1,2-Dibromo-3-chloropropane	N.D.	2.	5	ug/l	86		56-126		
Dibromochloromethane	N.D.	1.	5	ug/l	91		80-120		
1,2-Dibromoethane	N.D.	0.5	4	ug/l	92		80-120		
Dibromomethane	N.D.	1.	5	ug/l	93		80-120		
1,2-Dichlorobenzene	N.D.	1.	5	ug/l	94		80-120		
1,3-Dichlorobenzene	N.D.	1.	5	ug/l	94		80-120		
1,4-Dichlorobenzene	N.D.	1.	5	ug/l	94		80-120		
Dichlorodifluoromethane	N.D.	2.	5	ug/l	81		47-120		
1,1-Dichloroethane	N.D.	1.	5	ug/l	96		79-120		
1,2-Dichloroethane	N.D.	0.5	4	ug/l	92		70-130		
1,1-Dichloroethene	N.D.	0.8	5	ug/l	101		74-123		
cis-1,2-Dichloroethene	N.D.	0.8	5	ug/l	96		80-120		
trans-1,2-Dichloroethene	N.D.	0.8	5	ug/l	98		80-120		
1,2-Dichloropropane	N.D.	1.	5	ug/l	94		78-120		
1,3-Dichloropropane	N.D.	1.	5	ug/l	91		80-120		
2,2-Dichloropropane	N.D.	1.	5	ug/l	97		77-124		
1,1-Dichloropropene	N.D.	1.	5	ug/l	98		80-120		
cis-1,3-Dichloropropene	N.D.	1.	5	ug/l	90		80-120		
trans-1,3-Dichloropropene	N.D.	1.	5	ug/l	87		79-120		
Ethanol	N.D.	50.	250	ug/l	102		54-149		
Ethyl t-butyl ether	N.D.	0.5	4	ug/l	92		76-120		
Ethylbenzene	N.D.	0.5	4	ug/l	97		79-120		
Freon 113	N.D.	2.	10	ug/l	107		69-128		
Hexachlorobutadiene	N.D.	2.	5	ug/l	82		58-120		
2-Hexanone	N.D.	3.	10	ug/l	67		65-136		
di-Isopropyl ether	N.D.	0.5	4	ug/l	93		71-124		
Isopropylbenzene	N.D.	1.	5	ug/l	96		77-120		
p-Isopropyltoluene	N.D.	1.	5	ug/l	93		80-120		
Methyl Tertiary Butyl Ether	N.D.	0.5	4	ug/l	91		76-120		
4-Methyl-2-pentanone	N.D.	3.	10	ug/l	70		70-121		
Methylene Chloride	N.D.	2.	5	ug/l	98		80-120		
Naphthalene	N.D.	1.	5	ug/l	92		62-120		
n-Propylbenzene	N.D.	1.	5	ug/l	97		80-120		
Styrene	N.D.	1.	5	ug/l	95		80-120		
1,1,1,2-Tetrachloroethane	N.D.	1.	5	ug/l	91		80-120		
1,1,2,2-Tetrachloroethane	N.D.	1.	5	ug/l	93		71-120		
Tetrachloroethene	N.D.	0.8	5	ug/l	98		80-121		
Toluene	N.D.	0.5	4	ug/l	97		79-120		
1,2,3-Trichlorobenzene	N.D.	1.	5	ug/l	89		65-120		
1,2,4-Trichlorobenzene	N.D.	1.	5	ug/l	89		67-120		
1,1,1-Trichloroethane	N.D.	0.8	5	ug/l	97		75-127		
1,1,2-Trichloroethane	N.D.	0.8	5	ug/l	92		80-120		

*- Outside of specification
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(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: Chevron Group Number: 1269699
Reported: 11/16/11 at 12:59 PM

Analysis Name	Blank Result	Blank MDL**	Blank LOQ	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Trichloroethene	N.D.	1.	5	ug/l	96		80-120		
Trichlorofluoromethane	N.D.	2.	5	ug/l	85		64-129		
1,2,3-Trichloropropane	N.D.	1.	5	ug/l	93		80-120		
1,2,4-Trimethylbenzene	N.D.	1.	5	ug/l	96		74-120		
1,3,5-Trimethylbenzene	N.D.	1.	5	ug/l	96		75-120		
Vinyl Chloride	N.D.	1.	5	ug/l	86		65-125		
m+p-Xylene	N.D.	0.5	4	ug/l	99		80-120		
o-Xylene	N.D.	0.5	4	ug/l	98		80-120		
Batch number: 11280A07A	Sample number(s): 6428503-6428509								
TPH-GRO N. CA water C6-C12	N.D.	50.	100	ug/l	109	109	75-135	0	30
Batch number: 112780006A	Sample number(s): 6428503-6428508								
Motor Oil C16-C36 w/Si Gel	N.D.	40.	120	ug/l					
Total TPH w/Si Gel	N.D.	80.	240	ug/l	75	74	50-129	2	20
Batch number: 112780008A	Sample number(s): 6428503-6428508								
TPH-DRO CA C10-C28 w/ Si Gel	N.D.	32.	100	ug/l	64	69	52-126	8	20

Sample Matrix Quality Control

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

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: P112801AA	Sample number(s): 6428509 UNSPK: P429690								
Benzene	98	91	80-126	7	30				
Ethylbenzene	97	91	71-134	6	30				
Methyl Tertiary Butyl Ether	104	99	72-126	5	30				
Toluene	101	95	80-125	6	30				
Xylene (Total)	101	94	79-125	7	30				
Batch number: W112852AA	Sample number(s): 6428503 UNSPK: 6428503								
Acetone	82	93	52-139	12	30				
t-Amyl methyl ether	99	101	75-122	2	30				
Benzene	107	109	80-126	2	30				
Bromobenzene	103	106	82-115	3	30				
Bromochloromethane	106	107	83-123	1	30				
Bromodichloromethane	102	103	78-125	1	30				
Bromoform	97	99	60-121	2	30				
Bromomethane	66	68	38-149	2	30				
2-Butanone	80	80	57-138	0	30				
t-Butyl alcohol	111	113	67-119	2	30				
n-Butylbenzene	103	105	73-128	2	30				
sec-Butylbenzene	104	108	79-125	3	30				
tert-Butylbenzene	105	108	81-121	3	30				
Carbon Disulfide	106	109	67-135	3	30				
Carbon Tetrachloride	109	111	81-138	1	30				
Chlorobenzene	106	106	87-124	0	30				
Chloroethane	78	82	51-145	5	30				
2-Chloroethyl Vinyl Ether	0*	0*	10-151	0	30				
Chloroform	106	105	81-134	1	30				
Chloromethane	93	98	67-154	5	30				

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Quality Control Summary

Client Name: Chevron Group Number: 1269699
Reported: 11/16/11 at 12:59 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
2-Chlorotoluene	103	106	82-118	3	30				
4-Chlorotoluene	103	106	84-122	2	30				
1,2-Dibromo-3-chloropropane	87	93	54-134	6	30				
Dibromochloromethane	100	102	74-116	2	30				
1,2-Dibromoethane	99	99	77-116	1	30				
Dibromomethane	103	102	83-119	1	30				
1,2-Dichlorobenzene	102	105	84-119	3	30				
1,3-Dichlorobenzene	103	106	86-121	3	30				
1,4-Dichlorobenzene	103	105	85-121	2	30				
Dichlorodifluoromethane	102	103	52-129	1	30				
1,1-Dichloroethane	105	107	84-129	2	30				
1,2-Dichloroethane	103	104	66-141	0	30				
1,1-Dichloroethene	111	114	85-142	3	30				
cis-1,2-Dichloroethene	106	108	85-125	2	30				
trans-1,2-Dichloroethene	109	111	87-126	2	30				
1,2-Dichloropropane	103	104	83-124	1	30				
1,3-Dichloropropane	99	101	81-120	2	30				
2,2-Dichloropropane	107	110	81-135	3	30				
1,1-Dichloropropene	109	110	86-137	0	30				
cis-1,3-Dichloropropene	98	101	75-125	3	30				
trans-1,3-Dichloropropene	97	98	74-119	1	30				
Ethanol	108	104	53-146	4	30				
Ethyl t-butyl ether	99	103	74-122	3	30				
Ethylbenzene	108	109	71-134	0	30				
Freon 113	118	118	89-148	0	30				
Hexachlorobutadiene	92	97	56-134	6	30				
2-Hexanone	66	67	55-127	1	30				
di-Isopropyl ether	100	102	70-129	2	30				
Isopropylbenzene	108	110	75-128	2	30				
p-Isopropyltoluene	104	107	76-123	3	30				
Methyl Tertiary Butyl Ether	97	99	72-126	2	30				
4-Methyl-2-pentanone	72	74	63-123	3	30				
Methylene Chloride	104	107	79-120	2	30				
Naphthalene	96	100	52-125	4	30				
n-Propylbenzene	106	109	74-134	3	30				
Styrene	107	108	78-125	1	30				
1,1,1,2-Tetrachloroethane	100	102	82-119	3	30				
1,1,2,2-Tetrachloroethane	95	99	72-128	3	30				
Tetrachloroethene	110	109	80-128	1	30				
Toluene	107	108	80-125	1	30				
1,2,3-Trichlorobenzene	97	100	69-119	4	30				
1,2,4-Trichlorobenzene	98	102	70-124	4	30				
1,1,1-Trichloroethane	108	106	80-143	2	30				
1,1,2-Trichloroethane	100	101	77-124	0	30				
Trichloroethene	108	109	88-133	1	30				
Trichlorofluoromethane	100	103	73-152	3	30				
1,2,3-Trichloropropane	97	97	76-118	1	30				
1,2,4-Trimethylbenzene	105	108	72-130	3	30				
1,3,5-Trimethylbenzene	105	108	72-131	3	30				
Vinyl Chloride	98	102	66-133	4	30				
m+p-Xylene	110	110	79-125	0	30				
o-Xylene	109	109	79-125	0	30				

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(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: Chevron Group Number: 1269699
Reported: 11/16/11 at 12:59 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
Batch number: W112862AA	Sample number(s): 6428507-6428508 UNSPK: 6428507								
Acetone	78	79	52-139	1	30				
t-Amyl methyl ether	95	95	75-122	0	30				
Benzene	107	106	80-126	1	30				
Bromobenzene	101	100	82-115	1	30				
Bromochloromethane	106	103	83-123	3	30				
Bromodichloromethane	98	98	78-125	0	30				
Bromoform	94	94	60-121	0	30				
Bromomethane	63	64	38-149	2	30				
2-Butanone	76	76	57-138	0	30				
t-Butyl alcohol	93	94	67-119	1	30				
n-Butylbenzene	98	99	73-128	1	30				
sec-Butylbenzene	101	102	79-125	1	30				
tert-Butylbenzene	101	99	81-121	2	30				
Carbon Disulfide	105	107	67-135	1	30				
Carbon Tetrachloride	105	104	81-138	0	30				
Chlorobenzene	102	103	87-124	1	30				
Chloroethane	75	75	51-145	1	30				
2-Chloroethyl Vinyl Ether	0*	0*	10-151	0	30				
Chloroform	102	102	81-134	0	30				
Chloromethane	96	96	67-154	0	30				
2-Chlorotoluene	100	100	82-118	1	30				
4-Chlorotoluene	98	101	84-122	2	30				
1,2-Dibromo-3-chloropropane	84	84	54-134	0	30				
Dibromochloromethane	96	96	74-116	0	30				
1,2-Dibromoethane	94	93	77-116	1	30				
Dibromomethane	99	98	83-119	1	30				
1,2-Dichlorobenzene	98	98	84-119	0	30				
1,3-Dichlorobenzene	98	99	86-121	1	30				
1,4-Dichlorobenzene	98	99	85-121	1	30				
Dichlorodifluoromethane	90	88	52-129	2	30				
1,1-Dichloroethane	104	103	84-129	0	30				
1,2-Dichloroethane	98	97	66-141	1	30				
1,1-Dichloroethene	111	111	85-142	0	30				
cis-1,2-Dichloroethene	104	104	85-125	1	30				
trans-1,2-Dichloroethene	108	107	87-126	0	30				
1,2-Dichloropropane	102	101	83-124	1	30				
1,3-Dichloropropane	97	97	81-120	0	30				
2,2-Dichloropropane	105	104	81-135	1	30				
1,1-Dichloropropene	107	106	86-137	1	30				
cis-1,3-Dichloropropene	97	96	75-125	1	30				
trans-1,3-Dichloropropene	93	93	74-119	1	30				
Ethanol	111	100	53-146	11	30				
Ethyl t-butyl ether	97	96	74-122	1	30				
Ethylbenzene	104	104	71-134	0	30				
Freon 113	115	113	89-148	2	30				
Hexachlorobutadiene	82	81	56-134	1	30				
2-Hexanone	62	62	55-127	0	30				
di-Isopropyl ether	98	98	70-129	0	30				
Isopropylbenzene	104	104	75-128	0	30				
p-Isopropyltoluene	100	101	76-123	0	30				
Methyl Tertiary Butyl Ether	96	94	72-126	1	30				
4-Methyl-2-pentanone	70	70	63-123	0	30				

*- Outside of specification
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Quality Control Summary

Client Name: Chevron Group Number: 1269699
Reported: 11/16/11 at 12:59 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
Methylene Chloride	104	104	79-120	0	30				
Naphthalene	89	90	52-125	0	30				
n-Propylbenzene	104	103	74-134	1	30				
Styrene	102	101	78-125	1	30				
1,1,1,2-Tetrachloroethane	97	96	82-119	1	30				
1,1,2,2-Tetrachloroethane	94	94	72-128	0	30				
Tetrachloroethene	106	107	80-128	1	30				
Toluene	104	104	80-125	0	30				
1,2,3-Trichlorobenzene	90	90	69-119	0	30				
1,2,4-Trichlorobenzene	90	90	70-124	0	30				
1,1,1-Trichloroethane	107	107	80-143	0	30				
1,1,2-Trichloroethane	95	96	77-124	0	30				
Trichloroethene	105	104	88-133	1	30				
Trichlorofluoromethane	96	103	73-152	7	30				
1,2,3-Trichloropropane	91	92	76-118	1	30				
1,2,4-Trimethylbenzene	101	102	72-130	1	30				
1,3,5-Trimethylbenzene	101	102	72-131	2	30				
Vinyl Chloride	95	96	66-133	1	30				
m+p-Xylene	106	106	79-125	0	30				
o-Xylene	104	105	79-125	1	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: P112801AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
6428509	99	99	99	97
Blank	98	99	99	96
LCS	98	101	99	98
MS	97	102	98	97
MSD	97	100	99	97
Limits:	80-116	77-113	80-113	78-113

Analysis Name: VOCs by 8260B(Extended) -Water
Batch number: W112852AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
6428503	99	100	98	96
Blank	98	100	98	98
LCS	99	100	101	100
MS	99	102	99	100
MSD	99	102	99	100
Limits:	80-116	77-113	80-113	78-113

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Quality Control Summary

Client Name: Chevron Group Number: 1269699
Reported: 11/16/11 at 12:59 PM

Surrogate Quality Control

Analysis Name: VOCs by 8260B(Extended) -Water
Batch number: W112853AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
6428504	97	99	99	96
6428505	97	101	99	95
6428506	97	99	98	95
Blank	97	99	99	96
LCS	98	100	100	100
LCSD	99	102	99	99
Limits:	80-116	77-113	80-113	78-113

Analysis Name: VOCs by 8260B(Extended) -Water
Batch number: W112862AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
6428507	97	100	98	96
6428508	96	100	98	97
Blank	98	102	97	95
LCS	98	102	99	99
MS	98	102	99	99
MSD	98	101	99	99
Limits:	80-116	77-113	80-113	78-113

Analysis Name: TPH-GRO N. CA water C6-C12
Batch number: 11280A07A

	Trifluorotoluene-F
6428503	95
6428504	95
6428505	93
6428506	98
6428507	94
6428508	96
6428509	98
Blank	98
LCS	109
LCSD	107
Limits:	63-135

Analysis Name: TPH Fuels water w/Si Gel
Batch number: 112780006A

	Chlorobenzene	Orthoterphenyl
6428503	57*	64*
6428504	50*	56*
6428505	65	75
6428506	65	74
6428507	44*	41*
6428508	65	78
Blank	64	77
LCS	67	87
LCSD	63	86

*- 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: 1269699
Reported: 11/16/11 at 12:59 PM

Surrogate Quality Control

Limits: 59-128 70-122

Analysis Name: TPH-DRO CA C10-C28 w/ Si Gel
Batch number: 112780008A

	Orthoterphenyl
6428503	76
6428504	61
6428505	62
6428506	64
6428507	50*
6428508	64
Blank	72
LCS	77
LCSD	81
Limits:	59-131

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

100311-01

CHAIN OF CUSTODY FORM

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

Chevron Site Number: 91851
Chevron Site Global ID: T060012238
Chevron Site Address: 451 Hegenberger Rd.,
Oakland, CA
Chevron PM: DAVE PATTEN
Chevron PM Phone No.: (925)790-6491
☒ Retail and Terminal Business Unit (RTBU) Job
☒ Construction/Retail Job

Chevron Consultant: CRA
Address: 5900 Hollis St. Suite A Emeryville,
CAConsultant Contact: Nathan Lee
Consultant Phone No. 510-420-3351
Consultant Project No. 110930-EM1
Sampling Company: Blaine Tech Services
Sampled By (Print): Dramone Vail
Sampler Signature:

Charge Code: NWRTB-0091851-0-OML
NWRTB 00SITE NUMBER-0- WBS
(WBS ELEMENTS:
SITE ASSESSMENT: A1L REMEDIATION IMPLEMENTATION: R5L
SITE MONITORING: OML OPERATION MAINTENANCE & MONITORING: M1L

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

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

Other Lab

Temp. Blank Check

Time	Temp.
0830	2°C
1030	3°C
1220	3°C

ANALYSES REQUIRED

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

Acct #10991
Grp#1269699
Sample# 6428503-09

Special Instructions: Must meet lowest detection limits possible for 8260 Compounds, Run TPHmo and DRO with Silica Gel Clean Up

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 413.1 OIL & GREASE☐	EPA 418.1 TRPH☐	EPA 8260 ETHANOL MTBE FULL VOC SCAN	EPA 8015 TPH-D DO MTBE (8260)	TPHmo 8015	Notes/Comments
MW-1	W		11/09/30	0956	10	VOA/amber	X	X									X		X	
MW-3				1225			X	X									X		X	
MW-4				1155			X	X									X		X	
MW-5				1235			X	X									X		X	
MW-6				1038			X	X									X		X	
MW-7				1053			X	X									X		X	
QA				0805	2	VOA	X	X										X		NO DRO

Relinquished By	Company	Date/Time	Relinquished To	Company	Date/Time
	BTS	11/30/11 1330		BTS	09/30/11 1330
	BTS	10/3/11 1250		CLI	10/3/11 1250
	CLI	10/3/11 1700		CLI	10/4/11 1158

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

Sample Integrity: (Check by lab on arrival)
Intact: ✓ On Ice: ✓ Temp: 3.8+0.1

COC #

Explanation of Symbols and Abbreviations

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

RL	Reporting Limit	**BMQL**	Below Minimum Quantitation Level
N.D.	none detected	**MPN**	Most Probable Number
TNTC	Too Numerous To Count	**CP Units**	cobalt-chloroplatinate units
IU	International Units	**NTU**	nephelometric turbidity units
umhos/cm	micromhos/cm	**ng**	nanogram(s)
C	degrees Celsius	**F**	degrees Fahrenheit
meq	milliequivalents	**lb.**	pound(s)
g	gram(s)	**kg**	kilogram(s)
ug	microgram(s)	**mg**	milligram(s)
ml	milliliter(s)	**l**	liter(s)
m3	cubic meter(s)	**ul**	microliter(s)

< less than - The number following the sign is the limit of quantitation, the smallest amount of analyte which can be reliably determined using this specific test.

> greater than

J estimated value – The result is ≥ the Method Detection Limit (MDL) and < the Limit of Quantitation (LOQ).

ppm parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.

ppb parts per billion

Dry weight basis Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers

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

Inorganic Qualifiers

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

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

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

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