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9:01 am, Mar 25, 2010

Alameda County  
Environmental Health

**Aaron Costa**  
Project Manager  
Marketing Business Unit

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

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

Re: Former Chevron Service Station No. 9-3322  
7225 Bancroft Avenue  
Oakland, CA

I have reviewed the attached report dated September 30, 2009.

I agree with the conclusions and recommendations presented in the referenced report. This 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 who assistance and advice I have relied.

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

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

Sincerely,

A handwritten signature in black ink that reads "Aaron Costa".

Aaron Costa  
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>

September 30, 2009

Reference No. 311806

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

Re: Second Quarter 2009 Groundwater Monitoring and Sampling Report  
Former Chevron Service Station 9-3322  
7225 Bancroft Avenue  
Oakland, California  
Fuel Leak Case No. RO0000274

Dear Mr. Detterman:

Conestoga-Rovers & Associates is submitting this *Second Quarter 2009 Groundwater Monitoring and Sampling Report* for the site referenced above (Figure 1) on behalf of Chevron Environmental Management Company (Chevron).

Groundwater monitoring and sampling was performed by Blaine Tech Services (Blaine Tech) of San Jose, California. Groundwater monitoring and sampling data from this event are presented in Figures 2 and 3, respectively. Groundwater monitoring and sampling data are summarized in Tables 1 and 2. Blaine Tech's May 21, 2009 Second Quarter Monitoring report is presented as Attachment A. Groundwater samples were sent to Lancaster Laboratories (Lancaster) of Pennsylvania for chemical analysis. Lancaster's June 9, 2009 report is included as Attachment B.

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Equal  
Employment Opportunity  
Employer

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**CONESTOGA-ROVERS  
& ASSOCIATES**

September 30, 2009

Reference No. 311806

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Please contact Charlotte Evans at (510) 420-3351 if you have any questions or require additional information.

Sincerely,

CONESTOGA-ROVERS & ASSOCIATES

Charlotte Evans



Brandon S. Wilken, P.G. #7564

IH/doh/2

Enc.

Figure 1	Site Vicinity Map
Figure 2	Hydrocarbon Concentration Map
Figure 3	Potentiometric Surface Map
Table 1	Groundwater Monitoring Data and Analytical Results
Table 2	Groundwater Analytical Results - Oxygenate Compounds
Attachment A	Blaine Tech's May 21, 2009 <i>Second Quarter Monitoring Report</i>
Attachment B	Lancaster Laboratories June 9, 2009 Analytical Report

cc: Mr. Aaron Costa, Chevron Environmental Management Company  
Mr. Dean Najdawi

## FIGURES



FIGURE 1

0 1/8 1/4 1/2 1  
 SCALE : 1" = 1/4 MILE

I:\9-3322 OAKLAND\FIGURES\VICINITY-MAP.A1

**Chevron Service Station 9-3322**  
 7225 Bancroft Avenue  
 Oakland, California



**CONESTOGA-ROVERS & ASSOCIATES**

**Vicinity Map**

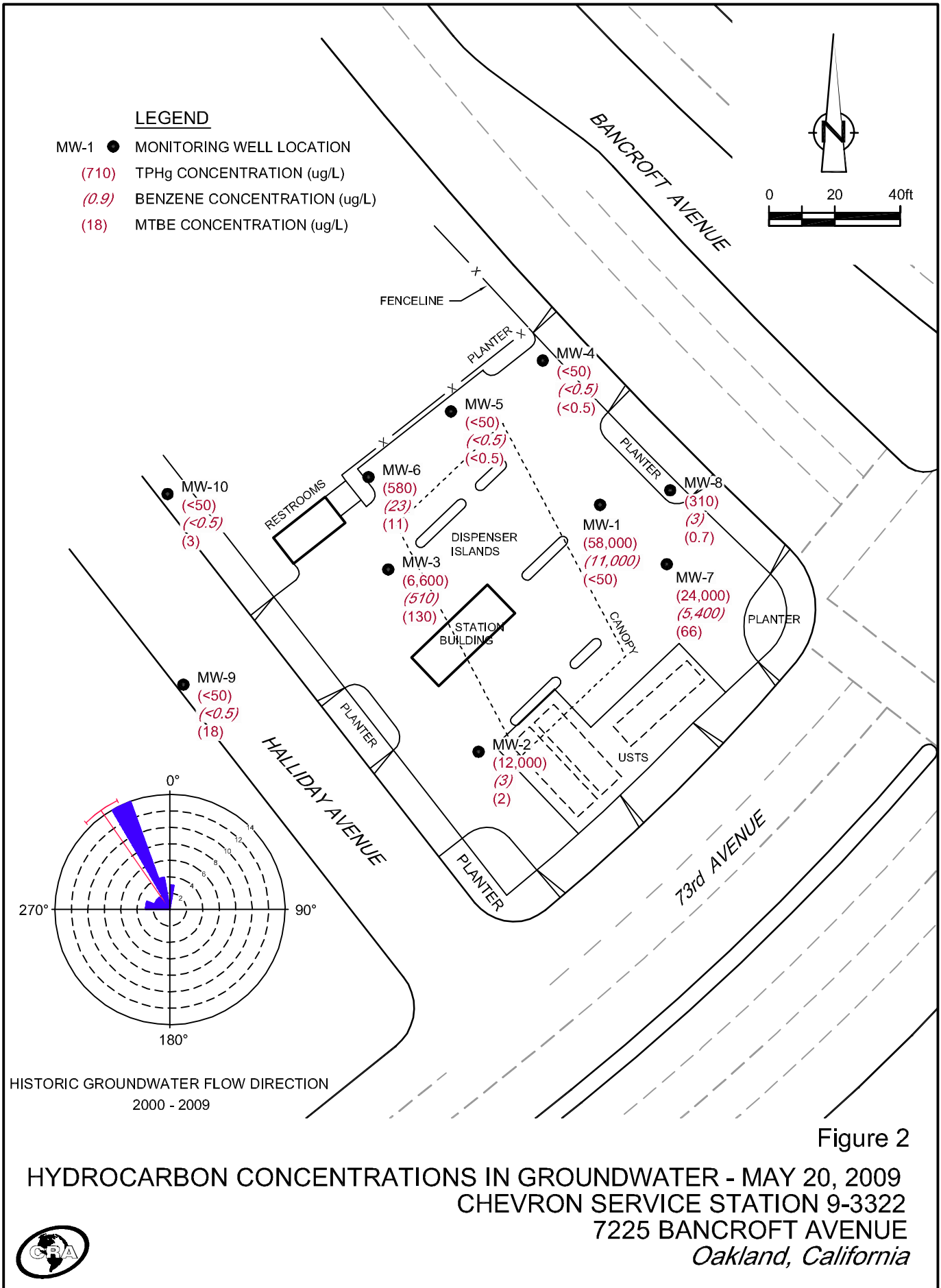
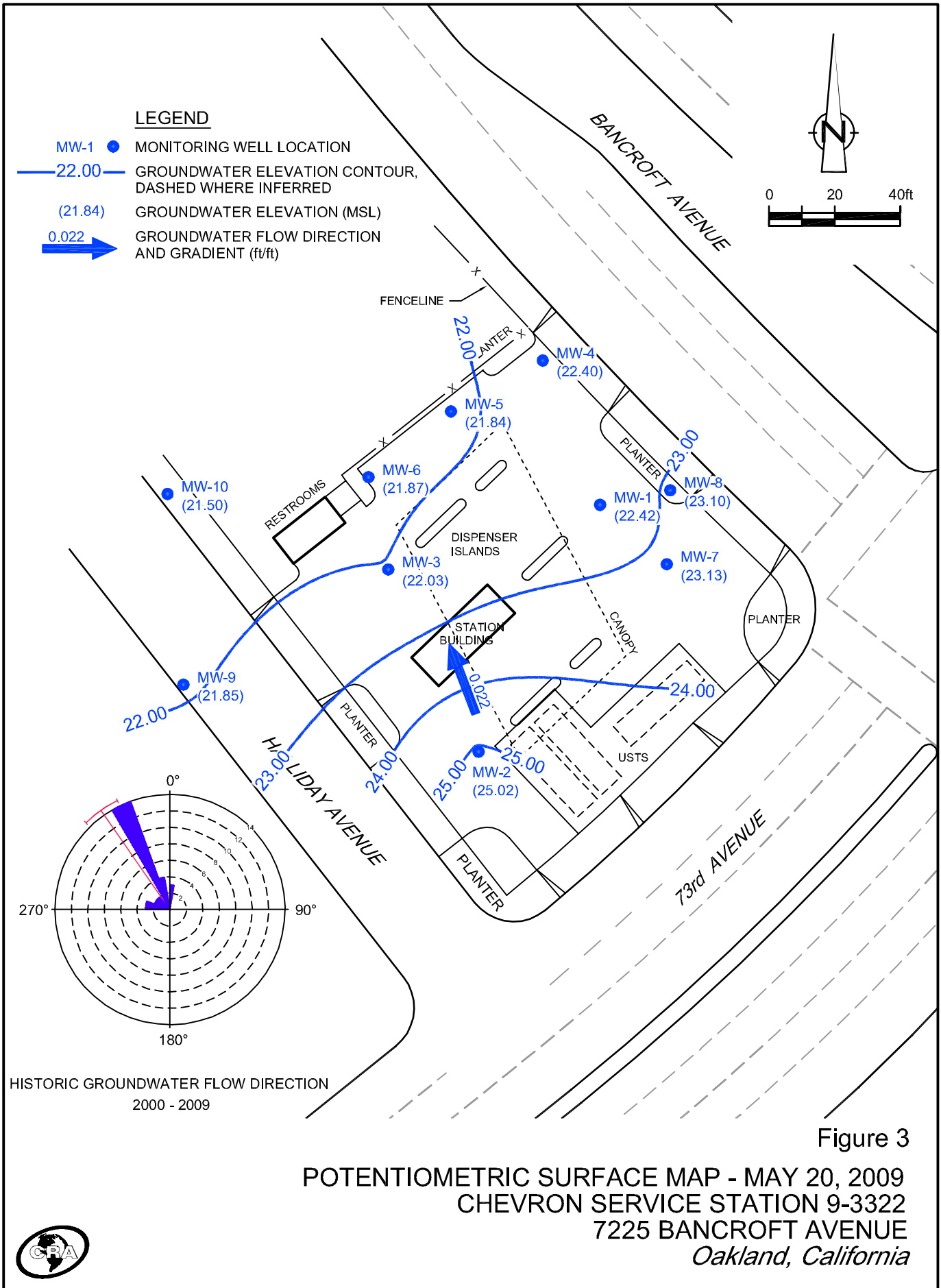


Figure 2

HYDROCARBON CONCENTRATIONS IN GROUNDWATER - MAY 20, 2009  
 CHEVRON SERVICE STATION 9-3322  
 7225 BANCROFT AVENUE  
 Oakland, California





## TABLES



**GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS**  
**CHEVRON SERVICE STATION 9-3322**  
**7225 BANCROFT AVENUE, OAKLAND, CA**

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH						
					REMOVED (gallons)	TPH-G (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE (ug/L)
<b>MW-1</b>											
02/08/98	40.41	26.53	13.88	--	--	130,000	9,700	8,200	3,200	15,000	<250
06/16/98	40.41	26.18	14.23	--	--	96,000	15,000	12,000	2,600	11,000	1,300
07/29/98	40.41	22.59	17.82	--	--	370,000	19,000	14,000	5,800	15,000	<2,500
08/13/98	40.41	22.01	18.40	--	--	120,000	19,000	16,000	2,900	14,000	<1,000
11/24/98	40.41	19.61	20.80	--	--	100,000	26,000	18,000	4,000	22,000	2,000
02/03/99	40.41	22.96	17.45	--	--	110,000	27,000	16,000	3,800	22,000	<2.5
06/07/99	40.41	24.29**	16.44	0.40	0.03	--	--	--	--	--	--
09/07/99	40.41	19.97**	20.71	0.34	0.01	--	--	--	--	--	--
10/27/99	40.41	18.93**	21.75	0.34	0.03	--	--	--	--	--	--
02/08/00	40.41	22.44	17.97	0.00	0.00	147,000	19,600	13,700	4,020	21,300	<2,500
05/05/00	40.41	24.36	16.05	0.00	0.00	150,000 <sup>2</sup>	28,000	17,000	4,400	23,000	<1,000
07/28/00	40.41	21.21	19.20	0.00	0.00	76,000 <sup>2</sup>	20,000	15,000	3,400	23,000	1,200
11/26/00	40.41	20.44**	20.18	0.26	0.26 <sup>4</sup>	NOT SAMPLED DUE TO THE PRESENCE OF SPH				--	--
02/09/01	40.41	22.40**	18.03	0.03	0.26 <sup>4</sup>	NOT SAMPLED DUE TO THE PRESENCE OF SPH				--	--
05/11/01	40.41	25.31	15.10	0.00	0.00	89,000 <sup>2</sup>	21,000	12,000	3,200	14,000	<500
08/30/01	40.41	20.05**	20.42	0.07	0.26 <sup>4</sup>	NOT SAMPLED DUE TO THE PRESENCE OF SPH				--	--
11/21/01	40.41	20.11**	20.52	0.27	0.00	NOT SAMPLED DUE TO THE PRESENCE OF SPH				--	--
02/05/02	40.41	25.79**	14.63	0.01	0.00	130,000	16,000	13,000	4,200	23,000	<30
04/01/02	37.40	25.03	12.37	0.00	0.00	--	--	--	--	--	--
08/05/02	37.40	24.46	12.94	0.00	0.00	230,000	12,000	9,000	5,500	28,000	280
11/04/02	37.40	17.37	20.03	0.00	0.00	130,000	24,000	15,000	3,900	20,000	<60
02/03/03	37.40	23.22	14.18	0.00	0.00	100,000	13,000	8,900	3,000	15,000	<130
05/02/03	37.40	24.12	13.28	0.00	0.00	140,000	9,900	5,900	4,200	21,000	<130
08/01/03 <sup>7</sup>	37.40	20.58	16.82	0.00	0.00	250,000	16,000	7,300	3,700	19,000	45
11/21/03 <sup>7</sup>	37.40	19.06	18.34	0.00	0.00	110,000	18,000	9,500	3,000	17,000	<10
02/10/04 <sup>7</sup>	37.40	23.89	13.51	0.00	0.00	51,000	4,800	1,700	760	6,400	20
05/11/04 <sup>7</sup>	37.40	23.05	14.35	0.00	0.00	80,000	13,000	6,500	2,800	14,000	61
08/10/04 <sup>7</sup>	37.40	20.61**	16.80	0.01	0.00	100,000	14,000	8,700	3,200	17,000	<25
11/08/04	37.40	21.89**	15.63	0.15	1.30 <sup>4</sup>	NOT SAMPLED DUE TO THE PRESENCE OF SPH				--	--
02/21/05	37.40	25.98**	11.84	0.52	0.60 <sup>4</sup>	NOT SAMPLED DUE TO THE PRESENCE OF SPH				--	--
05/10/05	37.40	26.11**	11.49	0.25	1.11 <sup>4</sup>	NOT SAMPLED DUE TO THE PRESENCE OF SPH				--	--
05/12/05	37.40	22.98**	14.44	0.03	1.01 <sup>4</sup>	NOT SAMPLED DUE TO THE PRESENCE OF SPH				--	--
11/11/05	37.40	19.13**	18.58	0.39	0.75 <sup>4</sup>	NOT SAMPLED DUE TO THE PRESENCE OF SPH				--	--

**GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS**  
**CHEVRON SERVICE STATION 9-3322**  
**7225 BANCROFT AVENUE, OAKLAND, CA**

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH						MTBE (ug/L)
					REMOVED (gallons)	TPH-G (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	
<b>MW-1 (cont)</b>											
02/20/06	37.40	25.33**	12.66	0.74	0.25 <sup>4</sup>	NOT SAMPLED DUE TO THE PRESENCE OF SPH				--	--
05/12/06	37.40	26.92**	10.71	0.29	0.05 <sup>4</sup>	NOT SAMPLED DUE TO THE PRESENCE OF SPH				--	--
08/14/06	37.40	21.78**	15.82	0.25	0.02 <sup>4</sup>	NOT SAMPLED DUE TO THE PRESENCE OF SPH				--	--
11/08/06	37.40	19.21**	18.49	0.38	0.55 <sup>4</sup>	NOT SAMPLED DUE TO THE PRESENCE OF SPH				--	--
02/07/07	37.40	21.98**	15.48	0.08	0.06 <sup>10</sup>	NOT SAMPLED DUE TO THE PRESENCE OF SPH				--	--
05/07/07	37.40	32.77**	4.83	0.25	0.39 <sup>4</sup>	NOT SAMPLED DUE TO THE PRESENCE OF SPH				--	--
08/03/07	37.40	19.76**	18.06	0.52	0.52 <sup>4</sup>	NOT SAMPLED DUE TO THE PRESENCE OF SPH				--	--
10/12/07	37.40	18.13**	19.29	0.03	0.16 <sup>4</sup>	NOT SAMPLED DUE TO THE PRESENCE OF SPH				--	--
11/02/07 <sup>7</sup>	37.40	18.22	19.18	0.00	0.00	140,000	9,800	9,500	4,100	20,000	<10
12/07/07 <sup>7</sup>	37.40	18.34	19.06	0.00	0.00	130,000	11,000	11,000	3,800	20,000	10
02/01/08 <sup>7</sup>	37.40	23.95	13.45	0.00	0.00	61,000	2,200	2,000	2,000	10,000	11
05/09/08 <sup>7</sup>	37.40	22.30	15.10	0.00	0.00	81,000	13,000	10,000	3,500	18,000	30
08/22/08 <sup>7</sup>	37.40	18.77	18.63	0.00	0.00	210,000	13,000	8,800	7,300	37,000	<50
11/26/08 <sup>7</sup>	37.40	17.31	20.09	0.00	0.00	68,000	15,000	9,100	3,600	17,000	<25
<b>05/20/09<sup>7</sup></b>	37.40	17.92	19.48	--	--	<b>58,000</b>	<b>11,000</b>	<b>12,000</b>	<b>15,000</b>	<b>59,000</b>	<b>&lt;50</b>
<b>MW-2</b>											
02/08/98	38.73	31.13	7.60	--	--	24,000	130	170	450	1,900	2,300
06/16/98	38.73	29.61	9.12	--	--	8,900	31	46	310	1,100	260
07/29/98	38.73	27.06	11.67	--	--	7,600	15	21	150	480	82
08/13/98	38.73	26.32	12.41	--	--	14,000	26	80	500	2,100	32
11/24/98	38.73	23.10	15.63	--	--	37,000	63	220	1,300	7,100	770
02/03/99	38.73	27.16	11.57	--	--	16,000	140	110	850	3,100	900
06/07/99	38.73	27.78	10.95	--	--	4,300	<10	<10	120	260	160
09/07/99	38.73	26.00	12.73	--	--	10,700	50.5	<25	297	1,020	<250
10/27/99	38.73	26.02	12.71	--	--	7,240	53.8	31.9	234	654	448
02/08/00	38.73	28.59	10.14	--	--	10,100	42.9	18.4	424	1,480	206
05/05/00	38.73	28.61	10.12	0.00	0.00	7,800 <sup>2</sup>	34	22	320	1,100	170
07/28/00	38.73	26.16	12.57	0.00	0.00	6,700 <sup>2</sup>	40	13	490	540	190
11/26/00	38.73	26.83	11.90	0.00	0.00	8,200 <sup>2</sup>	21	9.5	400	1,100	120
02/09/01	38.73	26.53	12.20	0.00	0.00	11,200 <sup>3</sup>	<50.0	<50.0	629	1,380	282
05/11/01	38.73	29.75	8.98	0.00	0.00	6,800 <sup>2</sup>	39	19	370	1,100	67

**GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS**  
**CHEVRON SERVICE STATION 9-3322**  
**7225 BANCROFT AVENUE, OAKLAND, CA**

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH						
					REMOVED (gallons)	TPH-G (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE (ug/L)
<b>MW-2 (cont)</b>											
08/30/01	38.73	25.83	12.90	0.00	0.00	17,000	67	<25	750	2,100	360
11/21/01	38.73	25.61	13.12	0.00	0.00	3,500	14	<5.0	100	51	610
02/05/02	38.73	30.38	8.35	0.00	0.00	10,000	5.5	<10	330	960	63
04/01/02	35.72	27.91	7.81	0.00	0.00	--	--	--	--	--	--
08/05/02	35.72	19.81	15.91	0.00	0.00	8,800	18	8.2	220	630	220
11/04/02	35.72	21.58	14.14	0.00	0.00	14,000	28	10	670	1,600	440
02/03/03	35.72	25.72	10.00	0.00	0.00	7,200	6.2	2.7	140	430	50
05/02/03	35.72	27.41	8.31	0.00	0.00	12,000	<20	3.9	350	1,500	150
08/01/03 <sup>7</sup>	35.72	23.06	12.66	0.00	0.00	12,000	14	4	330	730	140
11/21/03 <sup>7</sup>	35.72	23.05	12.67	0.00	0.00	15,000	13	4	400	1,500	100
02/10/04 <sup>7</sup>	35.72	30.52	5.20	0.00	0.00	17,000	9	3	420	1,600	72
05/11/04 <sup>7</sup>	35.72	25.89	9.83	0.00	0.00	4,800	1	0.6	140	440	81
08/10/04 <sup>7</sup>	35.72	23.91	11.81	0.00	0.00	11,000	8	1	340	1,100	35
11/08/04 <sup>7</sup>	35.72	24.13	11.59	0.00	0.00	11,000	6	2	260	810	25
02/21/05 <sup>7</sup>	35.72	27.98	7.74	0.00	0.00	16,000	5	2	500	1,700	10
05/10/05 <sup>7</sup>	35.72	27.61	8.11	0.00	0.00	8,400	3	<1	290	750	6
08/12/05 <sup>7</sup>	35.72	24.40	11.32	0.00	0.00	5,800	4	0.7	150	370	30
11/11/05 <sup>7</sup>	35.72	23.14	12.58	0.00	0.00	4,500	4	1	120	310	7
02/20/06 <sup>7</sup>	35.72	28.31	7.41	0.00	0.00	5,700	1	<0.5	190	380	0.7
05/12/06 <sup>7</sup>	35.72	28.70	7.02	0.00	0.00	9,100	2	<0.5	210	440	1
08/14/06 <sup>7</sup>	35.72	24.34	11.38	0.00	0.00	2,400	2	<0.5	42	98	20
11/08/06 <sup>7</sup>	35.72	22.30	13.42	0.00	0.00	5,700	4	0.9	87	190	7
02/07/07 <sup>7</sup>	35.72	23.74	11.98	0.00	0.00	5,500	9	2	85	120	7
05/07/07 <sup>7</sup>	35.72	24.50	11.22	0.00	0.00	8,700	1	<0.5	150	330	5
08/03/07 <sup>7</sup>	35.72	18.53	17.19	0.00	0.00	2,600	<0.5	<0.5	10	28	2
10/12/07 <sup>7</sup>	35.72	20.83	14.89	0.00	0.00	9,300	7	0.6	100	120	4
11/02/07 <sup>7</sup>	35.72	20.14	15.58	0.00	0.00	11,000	3	0.7	220	590	2
12/07/07 <sup>7</sup>	35.72	16.43	19.29	0.00	0.00	9,500	3	<1	210	480	2
02/01/08 <sup>7</sup>	35.72	26.96	8.76	0.00	0.00	8,100	2	0.7	190	440	4
05/09/08 <sup>7</sup>	35.72	24.50	11.22	0.00	0.00	4,000	1	<0.5	98	110	3
08/22/08 <sup>7</sup>	35.72	21.85	13.87	0.00	0.00	9,600 <sup>12</sup>	1	<0.5	230	360	0.9
11/26/08 <sup>7</sup>	35.72	18.24	17.48	0.00	0.00	13,000	9	1	340	570	3
05/20/09 <sup>7</sup>	35.72	25.02	10.70	--	--	12,000	3	<1	250	290	2 J

**GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS**  
**CHEVRON SERVICE STATION 9-3322**  
**7225 BANCROFT AVENUE, OAKLAND, CA**

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH						
					REMOVED (gallons)	TPH-G (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE (ug/L)
<b>MW-3</b>											
02/08/98	39.51	24.91	14.60	--	--	94,000	12,000	4,400	2,000	10,000	8,000
06/16/98	39.51	25.53	13.98	--	--	38,000	5,600	1,400	1,200	4,700	6,300/4,600 <sup>1</sup>
07/29/98	39.51	22.14	17.37	--	--	58,000	4,100	700	1,300	4,200	4,100
08/13/98	39.51	21.29	18.22	--	--	43,000	6,800	1,900	1,600	6,800	2,300
11/24/98	39.51	19.06	20.45	--	--	40,000	5,000	800	1,600	6,800	6,000/4,400 <sup>1</sup>
02/03/99	39.51	22.03	17.48	--	--	47,000	7,100	1,600	1,900	9,000	5,000
06/07/99	39.51	23.76	15.75	--	--	27,000	2,500	540	1,200	3,900	2,800
09/07/99	39.51	19.80	19.71	--	--	44,000	3,930	1,170	1,760	7,130	3,440
10/27/99	39.51	19.09	20.42	--	--	28,200	2,030	620	1,260	5,080	1,710
02/08/00	39.51	21.76	17.75	--	--	25,300	2,000	668	1,210	5,330	1,760
05/05/00	39.51	23.87	15.64	0.00	0.00	27,000 <sup>2</sup>	2,600	960	1,500	5,200	2,500
07/28/00	39.51	21.28	18.23	0.00	0.00	7,400 <sup>2</sup>	950	360	840	3,200	1,700
11/26/00	39.51	20.13	19.38	0.00	0.00	20,000 <sup>2</sup>	1,800	690	1,400	5,500	1,600
02/09/01	39.51	21.79	17.72	0.00	0.00	31,200 <sup>3</sup>	1,980	<50.0	1,770	7,220	2,170
05/11/01	39.51	24.86	14.65	0.00	0.00	18,000 <sup>2</sup>	3,000	780	1,600	5,500	1,800
08/30/01	39.51	20.16	19.35	0.00	0.00	9,400	570	180	610	1,900	880
11/21/01	39.51	19.47	20.04	0.00	0.00	29,000	1,100	450	1,500	6,100	1,200
02/05/02	39.51	25.42	14.09	0.00	0.00	16,000	820	210	830	2,400	1,100
04/01/02	36.53	24.32	12.21	0.00	0.00	--	--	--	--	--	--
08/05/02	36.53	22.22	14.31	0.00	0.00	11,000	310	92	380	820	830
11/04/02	36.53	17.50	19.03	0.00	0.00	32,000	1,900	540	1,800	5,900	1,500
02/03/03	36.53	22.58	13.95	0.00	0.00	19,000	1,100	240	920	2,900	1,100
05/02/03	36.53	23.46	13.07	0.00	0.00	18,000	1,200	270	1,100	2,500	1,400
08/01/03 <sup>7</sup>	36.53	20.22	16.31	0.00	0.00	7,700	300	79	410	820	780
11/21/03 <sup>7</sup>	36.53	18.64	17.89	0.00	0.00	7,600	270	100	470	1,300	700
02/10/04 <sup>7</sup>	36.53	23.47	13.06	0.00	0.00	3,800	250	28	170	300	650
05/11/04 <sup>7</sup>	36.53	22.80	13.73	0.00	0.00	1,200	60	9	76	62	530
08/10/04 <sup>7</sup>	36.53	20.44	16.09	0.00	0.00	1,600	70	9	86	62	500
11/08/04 <sup>7</sup>	36.53	21.42	15.11	0.00	0.00	4,800	280	37	260	400	760
02/21/05 <sup>7</sup>	36.53	25.08	11.45	0.00	0.00	450	0.8	<0.5	0.7	<0.5	200
05/10/05 <sup>7</sup>	36.53	26.27	10.26	0.00	0.00	220	<0.5	<0.5	<0.5	<0.5	250
08/12/05 <sup>7</sup>	36.53	20.11	16.42	0.00	0.00	2,800	94	32	150	390	370
11/11/05 <sup>7</sup>	36.53	18.94	17.59	0.00	0.00	3,800	140	46	230	430	440

**GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS**  
**CHEVRON SERVICE STATION 9-3322**  
**7225 BANCROFT AVENUE, OAKLAND, CA**

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH						
					REMOVED (gallons)	TPH-G (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE (ug/L)
<b>MW-3 (cont)</b>											
02/20/06 <sup>7</sup>	36.53	24.61	11.92	0.00	0.00	390	4	0.9	5	4	290
05/12/06 <sup>7</sup>	36.53	27.15	9.38	0.00	0.00	1,100	2	<0.5	3	2	91
08/14/06 <sup>7</sup>	36.53	21.85	14.68	0.00	0.00	170	<0.5	<0.5	<0.5	0.8	21
11/08/06 <sup>7</sup>	36.53	19.10	17.43	0.00	0.00	1,900	83	17	120	130	100
02/07/07 <sup>7</sup>	36.53	21.46	15.07	0.00	0.00	7,400	340	42	310	530	170
05/07/07 <sup>7</sup>	36.53	23.21	13.32	0.00	0.00	1,200	7	<0.5	5	6	17
08/03/07 <sup>7</sup>	36.53	19.48	17.05	0.00	0.00	740	44	2	12	9	77
10/12/07 <sup>7</sup>	36.53	17.83	18.70	0.00	0.00	5,800	250	28	240	290	170
11/02/07 <sup>7</sup>	36.53	17.72	18.81	0.00	0.00	2,400	160	8	33	19	140
12/07/07 <sup>7</sup>	36.53	17.88	18.65	0.00	0.00	2,100	180	11	41	33	160
02/01/08 <sup>7</sup>	36.53	21.94	14.59	0.00	0.00	3,600	570	45	81	140	180
05/09/08 <sup>7</sup>	36.53	21.78	14.75	0.00	0.00	460	49	3	5	2	35
08/22/08 <sup>7</sup>	36.53	18.55	17.98	0.00	0.00	5,400	200	16	160	150	84
11/26/08 <sup>7</sup>	36.53	17.12	19.41	0.00	0.00	2,600	80	4	20	7	55
<b>05/20/09<sup>7</sup></b>	36.53	22.03	14.50	--	--	<b>6,600</b>	<b>510</b>	<b>33</b>	<b>200</b>	<b>170</b>	<b>130</b>
<b>MW-4</b>											
02/02/99	40.24	27.07	13.17	--	--	<50	0.52	<0.5	<0.5	<0.5	6.0
06/07/99	40.24	23.83	16.41	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/07/99	40.24	19.34	20.90	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
10/27/99	40.24	18.65	21.59	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
02/08/00	40.24	23.08	17.16	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
05/05/00	40.24	24.22	16.02	0.00	0.00	<50	<0.50	<0.50	<0.50	<0.50	<2.5
07/28/00	40.24	21.12	19.12	0.00	0.00	<50	<0.50	<0.50	<0.50	<0.50	<2.5
11/26/00	40.24	20.32	19.92	0.00	0.00	<50	<0.50	<0.50	<0.50	<0.50	<2.5
02/09/01	40.24	22.79	17.45	0.00	0.00	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50
05/11/01	40.24	25.22	15.02	0.00	0.00	<50	<0.50	<0.50	<0.50	<0.50	<2.5
08/30/01	40.24	19.91	20.33	0.00	0.00	<50	<0.50	<0.50	<0.50	<0.50	<2.5
11/21/01	40.24	20.49	19.75	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5
02/05/02	40.24	26.18	14.06	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5
04/01/02	37.29	25.23	12.06	0.00	0.00	--	--	--	--	--	--
08/05/02	37.29	20.24	17.05	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5

**GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS**  
**CHEVRON SERVICE STATION 9-3322**  
**7225 BANCROFT AVENUE, OAKLAND, CA**

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH						
					REMOVED (gallons)	TPH-G (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE (ug/L)
<b>MW-4 (cont)</b>											
11/04/02	37.29	17.56	19.73	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5
02/03/03	37.29	23.24	14.05	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5
05/02/03	37.29	24.44	12.85	0.00	0.00	<50	<0.5	<0.5	<0.5	<1.5	<2.5
08/01/03 <sup>7</sup>	37.29	20.35	16.94	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/21/03 <sup>7</sup>	37.29	19.14	18.15	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
02/10/04 <sup>7</sup>	37.29	24.27	13.02	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	1
05/11/04 <sup>7</sup>	37.29	23.14	14.15	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
08/10/04 <sup>7</sup>	37.29	20.82	16.47	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/08/04 <sup>7</sup>	37.29	22.43	14.86	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
02/21/05 <sup>7</sup>	37.29	26.53	10.76	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/10/05 <sup>7</sup>	37.29	27.04	10.25	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	1
08/12/05 <sup>7</sup>	37.29	22.04	15.25	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/11/05 <sup>7</sup>	37.29	18.93	18.36	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
02/20/06 <sup>7</sup>	37.29	25.70	11.59	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	1
05/12/06 <sup>7</sup>	37.29	27.42	9.87	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	0.8
08/14/06 <sup>7</sup>	37.29	21.94	15.35	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/08/06 <sup>7</sup>	37.29	19.01	18.28	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
02/07/07 <sup>7</sup>	37.29	21.89	15.40	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/07/07 <sup>7</sup>	37.29	23.73	13.56	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
08/03/07 <sup>7</sup>	37.29	19.59	17.70	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
10/12/07 <sup>7</sup>	37.29	17.81	19.48	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/02/07 <sup>7</sup>	37.29	17.88	19.41	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
12/07/07 <sup>7</sup>	37.29	17.84	19.45	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
02/01/08 <sup>7</sup>	37.29	24.14	13.15	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/09/08 <sup>7</sup>	37.29	22.31	14.98	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
08/22/08 <sup>7</sup>	37.29	18.62	18.67	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/26/08 <sup>7</sup>	37.29	17.26	20.03	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/20/09 <sup>7</sup>	37.29	22.40	14.89	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
<b>MW-5</b>											
02/02/99	40.37	21.57	18.80	--	--	72	2.7	<0.5	<0.5	<0.5	11
06/07/99	40.37	23.39	16.98	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5

**GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS**  
**CHEVRON SERVICE STATION 9-3322**  
**7225 BANCROFT AVENUE, OAKLAND, CA**

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH						
					REMOVED (gallons)	TPH-G (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE (ug/L)
<b>MW-5 (cont)</b>											
09/07/99	40.37	19.24	21.13	--	--	<50	<0.5	<0.5	<0.5	<0.5	6.92
10/27/99	40.37	18.45	21.92	--	--	<50	2.39	<0.5	<0.5	<0.5	21.3
02/08/00	40.37	21.39	18.98	--	--	<50	10.6	<0.5	<0.5	<0.5	21.7
05/05/00	40.37	23.48	16.89	0.00	0.00	<50	<0.50	<0.50	<0.50	<0.50	3.8
07/28/00	40.37	20.88	19.49	0.00	0.00	<50	<0.50	<0.50	<0.50	<0.50	<2.5
11/26/00	40.37	19.68	20.69	0.00	0.00	<50	0.57	<0.50	<0.50	<0.50	15
02/09/01	40.37	21.50	18.87	0.00	0.00	<50.0	<0.500	<0.500	<0.500	<0.500	9.11
05/11/01	40.37	24.47	15.90	0.00	0.00	<50	<0.50	<0.50	<0.50	<0.50	<2.5
08/30/01	40.37	19.76	20.61	0.00	0.00	<50	<0.50	<0.50	<0.50	<0.50	9.5
11/21/01	40.37	19.33	21.04	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	7.3
02/05/02	40.37	25.16	15.21	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5
04/01/02	37.40	23.95	13.45	0.00	0.00	--	--	--	--	--	--
08/05/02	37.40	19.86	17.54	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	2.7
11/04/02	37.40	17.33	20.07	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	6.3
02/03/03	37.40	22.37	15.03	0.00	0.00	<50	<0.50	0.60	<0.50	<1.5	<2.5
05/02/03	37.40	23.44	13.96	0.00	0.00	<50	<0.5	<0.5	<0.5	<1.5	<2.5
08/01/03 <sup>7</sup>	37.40	20.00	17.40	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/21/03 <sup>7</sup>	37.40	18.83	18.57	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
02/10/04 <sup>7</sup>	37.40	23.26	14.14	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/11/04 <sup>7</sup>	37.40	22.70	14.70	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
08/10/04 <sup>7</sup>	37.40	20.32	17.08	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/08/04 <sup>7</sup>	37.40	21.42	15.98	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
02/21/05	37.40	INACCESSIBLE - VEHICLE PARKED OVER WELL				--	--	--	--	--	--
05/10/05 <sup>7</sup>	37.40	25.52	11.88	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	1
08/12/05 <sup>7</sup>	37.40	21.77	15.63	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/11/05 <sup>7</sup>	37.40	18.72	18.68	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	0.8
02/20/06 <sup>7</sup>	37.40	24.83	12.57	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/12/06 <sup>7</sup>	37.40	26.34	11.06	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	0.9
08/14/06 <sup>7</sup>	37.40	21.67	15.73	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	0.9
11/08/06 <sup>7</sup>	37.40	18.89	18.51	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	1
02/07/07 <sup>7</sup>	37.40	21.38	16.02	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	0.6
05/07/07 <sup>7</sup>	37.40	23.08	14.32	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
08/03/07 <sup>7</sup>	37.40	19.32	18.08	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	0.6
10/12/07 <sup>7</sup>	37.40	17.66	19.74	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	0.8

**GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS**  
**CHEVRON SERVICE STATION 9-3322**  
**7225 BANCROFT AVENUE, OAKLAND, CA**

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH						
					REMOVED (gallons)	TPH-G (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE (ug/L)
<b>MW-5 (cont)</b>											
11/02/07 <sup>7</sup>	37.40	17.62	19.78	0.00	0.00	61	<0.5	<0.5	<0.5	<0.5	<0.5
12/07/07 <sup>7</sup>	37.40	17.69	19.71	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
02/01/08 <sup>7</sup>	37.40	23.06	14.34	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/09/08 <sup>7</sup>	37.40	21.78	15.62	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
08/22/08 <sup>7</sup>	37.40	18.44	18.96	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/26/08 <sup>7</sup>	37.40	17.05	20.35	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	0.9
05/20/09 <sup>7</sup>	37.40	21.84	15.56	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
<b>MW-6</b>											
02/02/99	39.84	21.36	18.48	--	--	14,000	5,600	<50	150	160	<250
06/07/99	39.84	23.39	16.45	--	--	1,500	1,100	33	25	34	200
09/07/99	39.84	19.35	20.49	--	--	6,550	2,940	81.5	177	84	865
10/27/99	39.84	18.61	21.23	--	--	3,680	1,240	29.6	115	14.9	735
02/08/00	39.84	21.44	18.40	--	--	17,300	8,920	<100	378	211	2,610
05/05/00	39.84	23.48	16.36	0.00	0.00	4,200 <sup>2</sup>	1,900	98	170	290	1,300
07/28/00	39.84	20.90	18.94	0.00	0.00	1,200 <sup>2</sup>	660	30	83	36	650
11/26/00	39.84	19.71	20.13	0.00	0.00	7,600 <sup>2</sup>	4,300	63	360	110	2,000
02/09/01	39.84	21.44	18.40	0.00	0.00	18,200 <sup>3</sup>	7,090	<100	457	169	2,930
05/11/01	39.84	24.39	15.45	0.00	0.00	2,600 <sup>2</sup>	2,300	31	88	40	990
08/30/01	39.84	19.82	20.02	0.00	0.00	2,500	1,600	50	160	100	1,900
11/21/01	39.84	19.22	20.62	0.00	0.00	25,000	8,800	150	620	330	2,900
02/05/02	39.84	24.04	15.80	0.00	0.00	1,400	400	6.8	27	20	480
04/01/02	36.90	23.08	13.82	0.00	0.00	--	--	--	--	--	--
08/05/02	36.90	19.85	17.05	0.00	0.00	1,200	300	5.1	11	3.7	250
11/04/02	36.90	17.34	19.56	0.00	0.00	7,500	2,000	29	140	39	1,300
02/03/03	36.90	22.28	14.62	0.00	0.00	630	160	<5.0	9.2	2.7	260
05/02/03	36.90	INACCESSIBLE - VEHICLE PARKED OVER WELL				--	--	--	--	--	--
08/01/03 <sup>7</sup>	36.90	20.02	16.88	0.00	0.00	1,500	400	3	14	3	540
11/21/03 <sup>7</sup>	36.90	18.49	18.41	0.00	0.00	4,400	1,300	12	98	18	540
02/10/04 <sup>7</sup>	36.90	23.20	13.70	0.00	0.00	430	110	1	4	0.7	150
05/11/04 <sup>7</sup>	36.90	22.63	14.27	0.00	0.00	95	11	<0.5	1	0.6	120
08/10/04 <sup>7</sup>	36.90	20.26	16.64	0.00	0.00	430	46	<0.5	3	<0.5	140



**GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS**  
**CHEVRON SERVICE STATION 9-3322**  
**7225 BANCROFT AVENUE, OAKLAND, CA**

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH						
					REMOVED (gallons)	TPH-G (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE (ug/L)
<b>MW-6 (cont)</b>											
11/08/04 <sup>7</sup>	36.90	21.27	15.63	0.00	0.00	750	50	<0.5	2	<0.5	81
02/21/05 <sup>7</sup>	36.90	25.47	11.43	0.00	0.00	130	8	<0.5	<0.5	<0.5	60
05/10/05 <sup>7</sup>	36.90	25.49	11.41	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
08/12/05 <sup>7</sup>	36.90	21.82	15.08	0.00	0.00	75	<0.5	<0.5	<0.5	<0.5	82
11/11/05 <sup>7</sup>	36.90	18.74	18.16	0.00	0.00	1,100	270	12	19	46	350
02/20/06 <sup>7</sup>	36.90	24.75	12.15	0.00	0.00	1,100	250	3	22	9	130
05/12/06 <sup>7</sup>	36.90	26.58	10.32	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	84
08/14/06 <sup>7</sup>	36.90	21.69	15.21	0.00	0.00	51	<0.5	<0.5	<0.5	<0.5	75
11/08/06 <sup>7</sup>	36.90	18.93	17.97	0.00	0.00	200	3	<0.5	<0.5	<0.5	27
02/07/07 <sup>7</sup>	36.90	21.30	15.60	0.00	0.00	1,500	120	0.8	5	1	54
05/07/07 <sup>7</sup>	36.90	22.12	14.78	0.00	0.00	740	98	0.5	2	2	31
08/03/07 <sup>7</sup>	36.90	19.33	17.57	0.00	0.00	1,600	410	4	2	3	80
10/12/07 <sup>7</sup>	36.90	17.70	19.20	0.00	0.00	1,100	130	0.9	0.9	<0.5	79
11/02/07 <sup>7</sup>	36.90	17.47	19.43	0.00	0.00	1,500	240	1	0.7	0.5	70
12/07/07 <sup>7</sup>	36.90	17.79	19.11	0.00	0.00	770	84	<0.5	<0.5	<0.5	60
02/01/08 <sup>7</sup>	36.90	22.87	14.03	0.00	0.00	650	89	<0.5	1	0.7	24
05/09/08 <sup>7</sup>	36.90	21.68	15.22	0.00	0.00	680	87	<0.5	<0.5	<0.5	19
08/22/08 <sup>7</sup>	36.90	18.44	18.46	0.00	0.00	950	43	<0.5	<0.5	<0.5	38
11/26/08 <sup>7</sup>	36.90	17.03	19.87	0.00	0.00	1,500	190	1	0.6	0.5	71
05/20/09 <sup>7</sup>	36.90	21.87	15.03	--	--	580	23	<0.5	0.7 J	<0.5	11
<b>MW-7</b>											
02/21/05 <sup>7</sup>	36.84	26.43	10.41	0.00	0.00	7,600	2,200	6	210	920	53
05/10/05 <sup>7</sup>	36.84	27.25	9.59	0.00	0.00	3,900	700	<0.5	<0.5	650	77
08/12/05 <sup>7</sup>	36.84	24.01	12.83	0.00	0.00	18,000	7,300	12	1,100	2,500	80
11/11/05 <sup>7</sup> NP <sup>8</sup>	36.84	20.20	16.64	0.00	0.00	39,000	11,000	38	1,700	2,900	100
02/20/06 <sup>7</sup>	36.84	26.45	10.39	0.00	0.00	17,000	4,400	18	470	1,500	62
05/12/06 <sup>7</sup>	36.84	28.05	8.79	0.00	0.00	15,000	5,100	12	370	880	73
08/14/06 <sup>7</sup>	36.84	22.96	13.88	0.00	0.00	30,000	8,100	18	1,500	3,600	74
11/08/06 <sup>7</sup>	36.84	19.97	16.87	0.00	0.00	39,000	10,000	28	1,400	2,300	89
02/07/07 <sup>7</sup>	36.84	22.41	14.43	0.00	0.00	43,000	9,400	51	1,800	4,400	80
05/07/07 <sup>7</sup>	36.84	24.27	12.57	0.00	0.00	50,000	8,800	35	1,700	3,700	72

**GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS  
CHEVRON SERVICE STATION 9-3322  
7225 BANCROFT AVENUE, OAKLAND, CA**

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH		B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE (ug/L)
					REMOVED (gallons)	TPH-G (ug/L)					
<b>MW-7 (cont)</b>											
08/03/07 <sup>7</sup> NP <sup>11</sup>	36.84	20.74	16.10	0.00	0.00	57,000	12,000	41	2,400	4,400	84
10/12/07 <sup>7</sup>	36.84	18.68	18.16	0.00	0.00	15,000	2,300	63	270	730	58
11/02/07 <sup>7</sup>	36.84	18.83	18.01	0.00	0.00	21,000	5,000	120	820	2,300	59
12/07/07	36.84	17.92	18.92	0.00	0.00	UNABLE TO SAMPLE		--	--	--	--
02/01/08	36.84	24.06	12.78	0.00	0.00	UNABLE TO SAMPLE		--	--	--	--
05/09/08 <sup>7</sup>	36.84	22.86	13.98	0.00	0.00	24,000	4,600	99	1,000	3,400	57
08/22/08 <sup>7</sup>	36.84	19.65	17.19	0.00	0.00	32,000	9,500	240	1,900	4,800	76
11/26/08 <sup>7</sup>	36.84	17.83	19.01	0.00	0.00	39,000	9,700	840	1,600	5,700	62
<b>05/20/09<sup>7</sup></b>	<b>36.84</b>	<b>23.13</b>	<b>13.71</b>	<b>--</b>	<b>--</b>	<b>24,000</b>	<b>5,400</b>	<b>190</b>	<b>810</b>	<b>2,800</b>	<b>66</b>
<b>MW-8</b>											
04/01/02 <sup>6</sup>	37.21	26.11	11.10	0.00	0.00	1,200	8.6	<0.50	2.5	2.5	<2.5/<2 <sup>5</sup>
08/05/02	37.21	21.07	16.14	0.00	0.00	560	11	<0.50	<0.50	<1.5	<2.5/<2 <sup>5</sup>
11/04/02	37.21	18.24	18.97	0.00	0.00	780	5.1	<0.50	1.1	1.9	<2.5/<2 <sup>5</sup>
02/03/03	37.21	24.00	13.21	0.00	0.00	230	3.7	<0.50	0.54	<1.5	<10/0.6 <sup>5</sup>
05/02/03	37.21	25.09	12.12	0.00	0.00	180	2.5	<0.5	<0.5	<1.5	<2.5/<0.5 <sup>5</sup>
08/01/03 <sup>7</sup>	37.21	21.10	16.11	0.00	0.00	220	2	<0.5	<0.5	<0.5	0.8
11/21/03 <sup>7</sup>	37.21	20.04	17.17	0.00	0.00	140	<0.5	<0.5	<0.5	<0.5	0.7
02/10/04 <sup>7</sup>	37.21	25.08	12.13	0.00	0.00	150	2	<0.5	<0.5	<0.5	0.8
05/11/04 <sup>7</sup>	37.21	23.74	13.47	0.00	0.00	86	4	<0.5	<0.5	<0.5	1
08/10/04 <sup>7</sup>	37.21	21.56	15.65	0.00	0.00	80	<0.5	<0.5	<0.5	<0.5	0.8
11/08/04 <sup>7</sup>	37.21	23.23	13.98	0.00	0.00	110	<0.5	<0.5	<0.5	<0.5	1
02/21/05 <sup>7</sup>	37.21	27.12	10.09	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/10/05 <sup>7</sup>	37.21	26.61	10.60	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	1
08/12/05 <sup>7</sup>	37.21	24.63	12.58	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/11/05 <sup>7</sup>	37.21	19.80	17.41	0.00	0.00	96	<0.5	<0.5	<0.5	<0.5	2
02/20/06 <sup>7</sup>	37.21	26.42	10.79	0.00	0.00	81	<0.5	<0.5	<0.5	<0.5	0.6
05/12/06 <sup>7</sup>	37.21	27.97	9.24	0.00	0.00	72	1	<0.5	<0.5	<0.5	2
08/14/06 <sup>7</sup>	37.21	22.54	14.67	0.00	0.00	110	3	<0.5	<0.5	<0.5	2
11/08/06 <sup>7</sup>	37.21	19.80	17.41	0.00	0.00	310	2	1	<0.5	2	3
02/07/07 <sup>7</sup>	37.21	22.63	14.58	0.00	0.00	310	0.6	<0.5	<0.5	<0.5	2
05/07/07 <sup>7</sup>	37.21	24.43	12.78	0.00	0.00	95	0.5	<0.5	<0.5	<0.5	2

**GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS**  
**CHEVRON SERVICE STATION 9-3322**  
**7225 BANCROFT AVENUE, OAKLAND, CA**

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH		B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE (ug/L)
					REMOVED (gallons)	TPH-G (ug/L)					
<b>MW-8 (cont)</b>											
08/03/07 <sup>7</sup>	37.21	20.51	16.70	0.00	0.00	130	<0.5	<0.5	<0.5	<0.5	2
10/12/07 <sup>7</sup>	37.21	18.70	18.51	0.00	0.00	340	<0.5	<0.5	<0.5	<0.5	5
11/02/07 <sup>7</sup>	37.21	18.40	18.81	0.00	0.00	210	<0.5	<0.5	<0.5	<0.5	2
12/07/07 <sup>7</sup>	37.21	18.59	18.62	0.00	0.00	230	<0.5	<0.5	<0.5	<0.5	2
02/01/08 <sup>7</sup>	37.21	23.03	14.18	0.00	0.00	96	<0.5	<0.5	<0.5	<0.5	0.8
05/09/08 <sup>7</sup>	37.21	22.88	14.33	0.00	0.00	120	2	<0.5	<0.5	<0.5	2
08/22/08 <sup>7</sup>	37.21	19.33	17.88	0.00	0.00	180	0.9	<0.5	<0.5	<0.5	4
11/26/08 <sup>7</sup>	37.21	17.69	19.52	0.00	0.00	350	<0.5	<0.5	<0.5	<0.5	1
05/20/09 <sup>7</sup>	37.21	23.10	14.11	--	--	310	3	<0.5	<0.5	<0.5	0.7 J
<b>MW-9</b>											
04/01/02 <sup>6</sup>	35.03	24.41	10.62	0.00	0.00	94	1.5	<0.50	<0.50	<1.5	25/19 <sup>5</sup>
08/05/02	35.03	20.18	14.85	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	18/15 <sup>5</sup>
11/04/02	35.03	17.55	17.48	0.00	0.00	<50	<0.50	1.7	<0.50	2.1	24/21 <sup>5</sup>
02/03/03	35.03	22.52	12.51	0.00	0.00	<50	1.9	<0.50	<0.50	<1.5	17/16 <sup>5</sup>
05/02/03	35.03	23.35	11.68	0.00	0.00	<50	0.6	<0.5	<0.5	<1.5	21/18 <sup>5</sup>
08/01/03 <sup>7</sup>	35.03	20.34	14.69	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	22
11/21/03 <sup>7</sup>	35.03	18.68	16.35	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	18
02/10/04 <sup>7</sup>	35.03	23.34	11.69	0.00	0.00	210	7	0.5	1	1	31
05/11/04 <sup>7</sup>	35.03	22.91	12.12	0.00	0.00	230	17	<0.5	<0.5	<0.5	72
08/10/04 <sup>7</sup>	35.03	20.45	14.58	0.00	0.00	250	5	<0.5	<0.5	<0.5	66
11/08/04	35.03	INACCESSIBLE		--	--	--	--	--	--	--	--
02/21/05 <sup>7</sup>	35.03	25.51	9.52	0.00	0.00	510	6	<0.5	1	3	79
05/10/05 <sup>7</sup>	35.03	26.18	8.85	0.00	0.00	670	11	0.7	0.5	2	100
08/12/05 <sup>7</sup>	35.03	23.97	11.06	0.00	0.00	390	4	<0.5	<0.5	0.7	89
11/11/05 <sup>7</sup>	35.03	19.05	15.98	0.00	0.00	2,500	48	5	21	33	140
02/20/06 <sup>7</sup>	35.03	24.95	10.08	0.00	0.00	3,200	47	5	30	32	130
05/12/06 <sup>7</sup>	35.03	26.95	8.08	0.00	0.00	1,800	19	1	1	4	89
08/14/06	35.03	INACCESSIBLE - VEHICLE PARKED OVER WELL				--	--	--	--	--	--
11/08/06	35.03	INACCESSIBLE - VEHICLE PARKED OVER WELL				--	--	--	--	--	--
02/07/07 <sup>7</sup>	35.03	21.46	13.57	0.00	0.00	2,000	22	2	1	8	78
05/07/07 <sup>7</sup>	35.03	23.18	11.85	0.00	0.00	1,800	17	2	1	5	67

**GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS**  
**CHEVRON SERVICE STATION 9-3322**  
**7225 BANCROFT AVENUE, OAKLAND, CA**

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH		B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE (ug/L)	
					REMOVED (gallons)	TPH-G (ug/L)						
<b>MW-9 (cont)</b>												
08/03/07	35.03	INACCESSIBLE - VEHICLE PARKED OVER WELL					--	--	--	--	--	--
10/12/07 <sup>7</sup>	35.03	17.83	17.20	0.00	0.00	55	<0.5	<0.5	<0.5	<0.5	30	
11/02/07 <sup>7</sup>	35.03	17.75	17.28	0.00	0.00	72	<0.5	<0.5	<0.5	0.9	57	
12/07/07 <sup>7</sup>	35.03	17.91	17.12	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	59	
02/01/08 <sup>7</sup>	35.03	22.80	12.23	0.00	0.00	61	<0.5	<0.5	<0.5	<0.5	50	
05/09/08	35.03	INACCESSIBLE - VEHICLE PARKED OVER WELL					--	--	--	--	--	--
05/16/08 <sup>7</sup>	35.03	21.69	13.34	0.00	0.00	51	0.5	6	0.5	3	35	
08/22/08 <sup>7</sup>	35.03	18.71	16.32	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	35	
11/26/08 <sup>7</sup>	35.03	17.19	17.84	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	33	
05/20/09 <sup>7</sup>	35.03	21.85	13.18	--	--	<50	<0.5	<0.5	<0.5	<0.5	<b>18</b>	
<b>MW-10</b>												
04/01/02 <sup>6</sup>	35.53	23.81	11.72	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	6.1/5 <sup>5</sup>	
08/05/02	35.53	19.73	15.80	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	5.1/5 <sup>5</sup>	
11/04/02	35.53	17.22	18.31	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	5.5/5 <sup>5</sup>	
02/03/03	35.53	22.11	13.42	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	2.8/3 <sup>5</sup>	
05/02/03	35.53	23.08	12.45	0.00	0.00	<50	<0.5	<0.5	<0.5	<1.5	<2.5/<0.5 <sup>5</sup>	
08/01/03 <sup>7</sup>	35.53	19.91	15.62	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	2	
11/21/03 <sup>7</sup>	35.53	18.27	17.26	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	1	
02/10/04 <sup>7</sup>	35.53	23.01	12.52	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	
05/11/04 <sup>7</sup>	35.53	22.47	13.06	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	1	
08/10/04 <sup>7</sup>	35.53	20.08	15.45	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	3	
11/08/04 <sup>7</sup>	35.53	20.85	14.68	0.00	0.00	<50	<0.5	<0.5	0.9	5	<0.5	
02/21/05 <sup>7</sup>	35.53	25.21	10.32	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	
05/10/05 <sup>7</sup>	35.53	24.49	11.04	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	1	
08/12/05 <sup>7</sup>	35.53	22.95	12.58	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	1	
11/11/05 <sup>7</sup>	35.53	18.64	16.89	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	5	
02/20/06 <sup>7</sup>	35.53	24.62	10.91	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	
05/12/06 <sup>7</sup>	35.53	26.27	9.26	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	0.6	
08/14/06 <sup>7</sup>	35.53	21.57	13.96	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	2	
11/08/06	35.53	INACCESSIBLE - VEHICLE PARKED OVER WELL					--	--	--	--	--	--
02/07/07 <sup>7</sup>	35.53	21.08	14.45	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	2	

**GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS**  
**CHEVRON SERVICE STATION 9-3322**  
**7225 BANCROFT AVENUE, OAKLAND, CA**

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH						
					REMOVED (gallons)	TPH-G (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE (ug/L)
<b>MW-10 (cont)</b>											
05/07/07 <sup>7</sup>	35.53	22.72	12.81	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	0.9
08/03/07 <sup>7</sup>	35.53	19.18	16.35	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	3
10/12/07 <sup>7</sup>	35.53	17.60	17.93	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	5
11/02/07 <sup>7</sup>	35.53	17.49	18.04	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	4
12/07/07 <sup>7</sup>	35.53	17.72	17.81	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	3
02/01/08 <sup>7</sup>	35.53	22.18	13.35	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/09/08 <sup>7</sup>	35.53	21.42	14.11	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	2
08/22/08 <sup>7</sup>	35.53	17.83	17.70	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	5
11/26/08 <sup>7</sup>	35.53	16.92	18.61	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	4
05/20/09 <sup>7</sup>	35.53	21.50	14.03	--	--	<50	<0.5	<0.5	<0.5	<0.5	3
<b>TRIP BLANK</b>											
02/08/98	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/16/98	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
07/29/98	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
08/13/98	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
11/24/98	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
02/02/99	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
02/03/99	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/07/99	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/07/99	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
10/27/99	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
05/05/00	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
02/08/00	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
07/28/00	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
11/26/00	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
02/09/01	--	--	--	--	--	<50.0	<0.500	<0.500	<0.500	<0.500	<2.500
05/11/01	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
08/30/01	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
<b>QA</b>											
11/21/01	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
02/05/02	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5

**GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS**  
**CHEVRON SERVICE STATION 9-3322**  
**7225 BANCROFT AVENUE, OAKLAND, CA**

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH							
					REMOVED (gallons)	TPH-G (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE (ug/L)	
<b>QA (cont)</b>												
04/01/02	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<1.5	<2.5
08/05/02	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<1.5	<2.5
10/04/02	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<1.5	<2.5
02/03/03	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<1.5	<2.5
05/02/03	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<1.5	<2.5
08/01/03 <sup>7</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
11/21/03 <sup>7</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
02/10/04 <sup>7</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
05/11/04 <sup>7</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
08/10/04 <sup>7</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
11/08/04 <sup>7</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
02/21/05 <sup>7</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
05/10/05 <sup>7</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
08/12/05 <sup>7</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
11/11/05 <sup>7</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
02/20/06 <sup>7</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
05/12/06 <sup>7</sup>	--	--	--	--	--	<50	<0.5	<0.5	0.5 <sup>9</sup>	<0.5	<0.5	<0.5
08/14/06 <sup>7</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
11/08/06 <sup>7</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
02/07/07 <sup>7</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
05/07/07 <sup>7</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
08/03/07 <sup>7</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
10/12/07 <sup>7</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
11/02/07 <sup>7</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
12/07/07 <sup>7</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
02/01/08 <sup>7</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
05/09/08 <sup>7</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
<b>QA (cont)</b>												
05/16/08 <sup>7</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
08/22/08 <sup>7</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
11/26/08 <sup>7</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
05/20/09 <sup>7</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5

**GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS  
CHEVRON SERVICE STATION 9-3322  
7225 BANCROFT AVENUE, OAKLAND, CA**

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH REMOVED (gallons)	TPH-G (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE (ug/L)
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**EXPLANATIONS:**

Groundwater monitoring data and laboratory analytical results prior to May 5, 2000, were compiled from reports prepared by Blaine Tech Services, Inc.

TOC = Top of Casing  
(ft.) = Feet

GWE = Groundwater Elevation  
(msl) = Mean sea level

DTW = Depth to Water

SPHT = Separate Phase Hydrocarbon Thickness

SPH = Separate Phase Hydrocarbons

TPH-G = Total Petroleum Hydrocarbons as Gasoline

B = Benzene

T = Toluene

E = Ethylbenzene

X = Xylenes

MTBE = Methyl Tertiary Butyl Ether

(ug/L) = Micrograms per liter

NP = No Purge

-- = Not Measured/Not Analyzed

QA = Quality Assurance/Trip Blank

\* TOC elevations were re-surveyed on May 31, 2005, by Morrow Surveying Land Surveyors using the previous benchmark. TOC elevations were by Morrow Surveying. Elevations are based on City of Oakland Benchmark designated 3787 in field book 1595, page 50; cut square northerly curb on Krause Ave., surveyed in April 2002, approx. 37 feet westerly of PL westerly of 73rd Ave., (Elevation = 33.82 feet).

\*\* GWE corrected for the presence of free product; correction factor: [(TOC - DTW) + (SPHT x 0.8)].

1 Confirmation run.

2 Laboratory report indicates gasoline C6-C12.

3 Laboratory report indicates weathered gasoline C6-C12.

4 Product and water removed.

5 MTBE by EPA Method 8260.

6 Well development performed.

7 BTEX and MTBE by EPA Method 8260.

8 Unable to purge well due to insufficient water.

9 Laboratory report indicates the trip blank results were investigated and the source of contamination did not occur during analysis.

10 Product removed; no water removed.

11 No purge, grab sample.

12 Laboratory report indicates the value for the TPH-GRO is estimated because the value is over the calibration range of the system. The surrogate recovery is outside the upper statistical QClimit. The sample was not reanalyzed because the hold time had expired.

**GROUNDWATER ANALYTICAL RESULTS - OXYGENATE COMPOUNDS**  
**CHEVRON SERVICE STATION 9-3322**  
**7225 BANCROFT AVENUE, OAKLAND, CALIFORNIA**

<b>WELL ID</b>	<b>DATE</b>	<b>ETHANOL (ug/L)</b>	<b>TBA (ug/L)</b>	<b>MTBE (ug/L)</b>	<b>DIPE (ug/L)</b>	<b>ETBE (ug/L)</b>	<b>TAME (ug/L)</b>
<b>MW-1</b>	08/01/03	<2,000	--	45	--	--	--
	11/21/03	<1,000	--	<10	--	--	--
	02/10/04	<250	--	20	--	--	--
	05/11/04	<500	--	61	--	--	--
	08/10/04	<2,500	--	<25	--	--	--
	11/08/04	NOT SAMPLED DUE TO THE PRESENCE OF SPH			--	--	--
	02/21/05	NOT SAMPLED DUE TO THE PRESENCE OF SPH			--	--	--
	05/10/05	NOT SAMPLED DUE TO THE PRESENCE OF SPH			--	--	--
	08/12/05	NOT SAMPLED DUE TO THE PRESENCE OF SPH			--	--	--
	11/11/05	NOT SAMPLED DUE TO THE PRESENCE OF SPH			--	--	--
	02/20/06	NOT SAMPLED DUE TO THE PRESENCE OF SPH			--	--	--
	05/12/06	NOT SAMPLED DUE TO THE PRESENCE OF SPH			--	--	--
	08/14/06	NOT SAMPLED DUE TO THE PRESENCE OF SPH			--	--	--
	11/08/06	NOT SAMPLED DUE TO THE PRESENCE OF SPH			--	--	--
	02/07/07	NOT SAMPLED DUE TO THE PRESENCE OF SPH			--	--	--
	05/07/07	NOT SAMPLED DUE TO THE PRESENCE OF SPH			--	--	--
	08/03/07	NOT SAMPLED DUE TO THE PRESENCE OF SPH			--	--	--
	10/12/07	NOT SAMPLED DUE TO THE PRESENCE OF SPH			--	--	--
	11/02/07	<1,000	--	<10	--	--	--
	12/07/07	<1,000	--	10	--	--	--
	02/01/08	<250	--	11	--	--	--
	05/09/08	<1,300	--	30	--	--	--
	08/22/08	<5,000	--	<50	--	--	--
11/26/08	<2,500	--	<25	--	--	--	
<b>05/20/09</b>	<5,000	--	<50	--	--	--	
<b>MW-2</b>	08/01/03	<100	--	140	--	--	--
	11/21/03	<100	--	100	--	--	--
	02/10/04	<100	--	72	--	--	--
	05/11/04	<50	--	81	--	--	--
	08/10/04	<100	--	35	--	--	--
	11/08/04	<50	--	25	--	--	--
	02/21/05	<100	--	10	--	--	--



**GROUNDWATER ANALYTICAL RESULTS - OXYGENATE COMPOUNDS**  
**CHEVRON SERVICE STATION 9-3322**  
**7225 BANCROFT AVENUE, OAKLAND, CALIFORNIA**

<b>WELL ID</b>	<b>DATE</b>	<b>ETHANOL (ug/L)</b>	<b>TBA (ug/L)</b>	<b>MTBE (ug/L)</b>	<b>DIPE (ug/L)</b>	<b>ETBE (ug/L)</b>	<b>TAME (ug/L)</b>
<b>MW-2 (cont)</b>	05/10/05	<100	--	6	--	--	--
	08/12/05	<50	--	30	--	--	--
	11/11/05	<50	--	7	--	--	--
	02/20/06	<50	--	0.7	--	--	--
	05/12/06	<50	--	1	--	--	--
	08/14/06	<50	--	20	--	--	--
	11/08/06	<50	--	7	--	--	--
	02/07/07	<50	--	7	--	--	--
	05/07/07	<50	--	5	--	--	--
	08/03/07	<50	--	2	--	--	--
	10/12/07	<50	--	4	--	--	--
	11/02/07	<50	--	2	--	--	--
	12/07/07	<130	--	2	--	--	--
	02/01/08	<50	--	4	--	--	--
	05/09/08	<50	--	3	--	--	--
	08/22/08	<50	--	0.9	--	--	--
	11/26/08	<100	--	3	--	--	--
<b>05/20/09</b>	<130	--	<b>2 J</b>	--	--	--	
<b>MW-3</b>	08/01/03	<130	--	780	--	--	--
	11/21/03	<50	--	700	--	--	--
	02/10/04	<50	--	650	--	--	--
	05/11/04	<50	--	530	--	--	--
	08/10/04	<100	--	500	--	--	--
	11/08/04	<50	--	760	--	--	--
	02/21/05	<50	--	200	--	--	--
	05/10/05	<50	--	250	--	--	--
	08/12/05	<50	--	370	--	--	--
	11/11/05	<50	--	440	--	--	--
	02/20/06	<50	--	290	--	--	--
	05/12/06	<50	--	91	--	--	--
	08/14/06	<50	--	21	--	--	--
	11/08/06	<50	--	100	--	--	--

**GROUNDWATER ANALYTICAL RESULTS - OXYGENATE COMPOUNDS**  
**CHEVRON SERVICE STATION 9-3322**  
**7225 BANCROFT AVENUE, OAKLAND, CALIFORNIA**

<b>WELL ID</b>	<b>DATE</b>	<b>ETHANOL (ug/L)</b>	<b>TBA (ug/L)</b>	<b>MTBE (ug/L)</b>	<b>DIPE (ug/L)</b>	<b>ETBE (ug/L)</b>	<b>TAME (ug/L)</b>
<b>MW-3 (cont)</b>	02/07/07	<50	--	170	--	--	--
	05/07/07	<50	--	17	--	--	--
	08/03/07	<50	--	77	--	--	--
	10/12/07	<50	--	170	--	--	--
	11/02/07	<50	--	140	--	--	--
	12/07/07	<50	--	160	--	--	--
	02/01/08	<50	--	180	--	--	--
	05/09/08	<50	--	35	--	--	--
	08/22/08	<50	--	84	--	--	--
	11/26/08	<50	--	55	--	--	--
	<b>05/20/09</b>	<50	--	<b>130</b>	--	--	--
<b>MW-4</b>	08/01/03	<50	--	<0.5	--	--	--
	11/21/03	<50	--	<0.5	--	--	--
	02/10/04	<50	--	1	--	--	--
	05/11/04	<50	--	<0.5	--	--	--
	08/10/04	<50	--	<0.5	--	--	--
	11/08/04	<50	--	<0.5	--	--	--
	02/21/05	<50	--	<0.5	--	--	--
	05/10/05	<50	--	1	--	--	--
	08/12/05	<50	--	<0.5	--	--	--
	11/11/05	<50	--	<0.5	--	--	--
	02/20/06	<50	--	1	--	--	--
	05/12/06	<50	--	0.8	--	--	--
	08/14/06	<50	--	<0.5	--	--	--
	11/08/06	<50	--	<0.5	--	--	--
	02/07/07	<50	--	<0.5	--	--	--
	05/07/07	<50	--	<0.5	--	--	--
	08/03/07	<50	--	<0.5	--	--	--
	10/12/07	<50	--	<0.5	--	--	--
	11/02/07	<50	--	<0.5	--	--	--
	12/07/07	<50	--	<0.5	--	--	--
02/01/08	<50	--	<0.5	--	--	--	

**GROUNDWATER ANALYTICAL RESULTS - OXYGENATE COMPOUNDS**  
**CHEVRON SERVICE STATION 9-3322**  
**7225 BANCROFT AVENUE, OAKLAND, CALIFORNIA**

WELL ID	DATE	ETHANOL (ug/L)	TBA (ug/L)	MTBE (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)
MW-4 (cont)	05/09/08	<50	--	<0.5	--	--	--
	08/22/08	<50	--	<0.5	--	--	--
	11/26/08	<50	--	<0.5	--	--	--
	05/20/09	<50	--	<0.5	--	--	--
MW-5	08/01/03	<50	--	<0.5	--	--	--
	11/21/03	<50	--	<0.5	--	--	--
	02/10/04	<50	--	<0.5	--	--	--
	05/11/04	<50	--	<0.5	--	--	--
	08/10/04	<50	--	<0.5	--	--	--
	11/08/04	<50	--	<0.5	--	--	--
	02/21/05	INACCESSIBLE - VEHICLE PARKED OVER WELL			--	--	--
	05/10/05	<50	--	1	--	--	--
	08/12/05	<50	--	<0.5	--	--	--
	11/11/05	<50	--	0.8	--	--	--
	02/20/06	<50	--	<0.5	--	--	--
	05/12/06	<50	--	0.9	--	--	--
	08/14/06	<50	--	0.9	--	--	--
	11/08/06	<50	--	1	--	--	--
	02/07/07	<50	--	0.6	--	--	--
	05/07/07	<50	--	<0.5	--	--	--
	08/03/07	<50	--	0.6	--	--	--
	10/12/07	<50	--	0.8	--	--	--
	11/02/07	<50	--	<0.5	--	--	--
	12/07/07	<50	--	<0.5	--	--	--
	02/01/08	<50	--	<0.5	--	--	--
05/09/08	<50	--	<0.5	--	--	--	
08/22/08	<50	--	<0.5	--	--	--	
11/26/08	<50	--	0.9	--	--	--	
05/20/09	<50	--	<0.5	--	--	--	
MW-6	08/01/03	<100	--	540	--	--	--

**GROUNDWATER ANALYTICAL RESULTS - OXYGENATE COMPOUNDS**  
**CHEVRON SERVICE STATION 9-3322**  
**7225 BANCROFT AVENUE, OAKLAND, CALIFORNIA**

<b>WELL ID</b>	<b>DATE</b>	<b>ETHANOL (ug/L)</b>	<b>TBA (ug/L)</b>	<b>MTBE (ug/L)</b>	<b>DIPE (ug/L)</b>	<b>ETBE (ug/L)</b>	<b>TAME (ug/L)</b>
<b>MW-6 (cont)</b>	11/21/03	<50	--	540	--	--	--
	02/10/04	<50	--	150	--	--	--
	05/11/04	<50	--	120	--	--	--
	08/10/04	<50	--	140	--	--	--
	11/08/04	<50	--	81	--	--	--
	02/21/05	<50	--	60	--	--	--
	05/10/05	<50	--	<0.5	--	--	--
	08/12/05	<50	--	82	--	--	--
	11/11/05	<50	--	350	--	--	--
	02/20/06	<50	--	130	--	--	--
	05/12/06	<50	--	84	--	--	--
	08/14/06	<50	--	75	--	--	--
	11/08/06	<50	--	27	--	--	--
	02/07/07	<50	--	54	--	--	--
	05/07/07	<50	--	31	--	--	--
	08/03/07	<100	--	80	--	--	--
	10/12/07	<50	--	79	--	--	--
	11/02/07	<50	--	70	--	--	--
	12/07/07	<50	--	60	--	--	--
	02/01/08	<50	--	24	--	--	--
	05/09/08	<50	--	19	--	--	--
08/22/08	<50	--	38	--	--	--	
11/26/08	<50	--	71	--	--	--	
<b>05/20/09</b>	<50	--	<b>11</b>	--	--	--	
<b>MW-7</b>	02/21/05	<100	130	53	<1	<1	<1
	05/10/05	<50	140	77	<0.5	<0.5	<0.5
	08/12/05	<500	280	80	<5	<5	<5
	11/11/05	<1,000	340	100	<10	<10	<10
	02/20/06	<500	200	62	<5	<5	<5
	05/12/06	<500	200	73	<5	<5	<5
	08/14/06	<1,000	280	74	<10	<10	<10
11/08/06	<1,000	330	89	<10	<10	<10	

**GROUNDWATER ANALYTICAL RESULTS - OXYGENATE COMPOUNDS**  
**CHEVRON SERVICE STATION 9-3322**  
**7225 BANCROFT AVENUE, OAKLAND, CALIFORNIA**

<b>WELL ID</b>	<b>DATE</b>	<b>ETHANOL (ug/L)</b>	<b>TBA (ug/L)</b>	<b>MTBE (ug/L)</b>	<b>DIPE (ug/L)</b>	<b>ETBE (ug/L)</b>	<b>TAME (ug/L)</b>
<b>MW-7 (cont)</b>	02/07/07	<500	280	80	<5	<5	<5
	05/07/07	<1,000	240	72	<10	<10	<10
	08/03/07	<2,500	300	84	<25	<25	<25
	10/12/07	<1,000	290	58	<10	<10	<10
	11/02/07	<500	280	59	<5	<5	<5
	02/01/08	UNABLE TO SAMPLE		--	--	--	--
	05/09/08	<250	240	57	<3	<3	<3
	08/22/08	<1,000	270	76	<10	<10	<10
	11/26/08	<1,300	280	62	<13	<13	<13
	<b>05/20/09</b>	<250	<b>260</b>	<b>66</b>	<3	<3	<3
<b>MW-8</b>	04/01/02	--	<100	<2	<2	<2	<2
	08/05/02	--	<100	<2	<2	<2	<2
	11/04/02	--	<100	<2	<2	<2	<2
	02/03/03	--	<5	0.6	<0.5	<0.5	<0.5
	05/02/03	--	<5	<0.5	<0.5	<0.5	<0.5
	08/01/03	<50	<5	0.8	<0.5	<0.5	<0.5
	11/21/03	<50	<5	0.7	<0.5	<0.5	<0.5
	02/10/04	<50	<5	0.8	<0.5	<0.5	<0.5
	05/11/04	<50	<5	1	<0.5	<0.5	<0.5
	08/10/04	<50	<5	0.8	<0.5	<0.5	<0.5
	11/08/04	<50	7	1	<0.5	<0.5	<0.5
	02/21/05	<50	<5	<0.5	<0.5	<0.5	<0.5
	05/10/05	<50	<5	1	<0.5	<0.5	<0.5
	08/12/05	<50	<5	<0.5	<0.5	<0.5	<0.5
	11/11/05	<50	6	2	<0.5	<0.5	<0.5
	02/20/06	<50	<5	0.6	<0.5	<0.5	<0.5
	05/12/06	<50	6	2	<0.5	<0.5	<0.5
	08/14/06	<50	7	2	<0.5	<0.5	<0.5
	11/08/06	<50	13	3	<0.5	<0.5	<0.5
	02/07/07	<50	7	2	<0.5	<0.5	<0.5
05/07/07	<50	6	2	<0.5	<0.5	<0.5	
08/03/07	<50	8	2	<0.5	<0.5	<0.5	

**GROUNDWATER ANALYTICAL RESULTS - OXYGENATE COMPOUNDS**  
**CHEVRON SERVICE STATION 9-3322**  
**7225 BANCROFT AVENUE, OAKLAND, CALIFORNIA**

<b>WELL ID</b>	<b>DATE</b>	<b>ETHANOL (ug/L)</b>	<b>TBA (ug/L)</b>	<b>MTBE (ug/L)</b>	<b>DIPE (ug/L)</b>	<b>ETBE (ug/L)</b>	<b>TAME (ug/L)</b>
<b>MW-8 (cont)</b>	10/12/07	<50	20	5	<0.5	<0.5	<0.5
	11/02/07	<50	5	2	<0.5	<0.5	<0.5
	12/07/07	<50	5	2	<0.5	<0.5	<0.5
	02/01/08	<50	<2	0.8	<0.5	<0.5	<0.5
	05/09/08	<50	6	2	<0.5	<0.5	<0.5
	08/22/08	<50	14	4	<0.5	<0.5	<0.5
	11/26/08	<50	2	1	<0.5	<0.5	<0.5
	<b>05/20/09</b>	<50	<2	<b>0.7 J</b>	<0.5	<0.5	<0.5
<b>MW-9</b>	04/01/02	--	<100	19	<2	<2	<2
	08/05/02	--	<100	15	<2	<2	<2
	11/04/02	--	<100	21	<2	<2	<2
	02/03/03	--	<5	16	<0.5	<0.5	0.8
	05/02/03	--	<5	18	<0.5	<0.5	0.8
	08/01/03	<50	7	22	0.9	<0.5	1
	11/21/03	<50	<5	18	0.8	<0.5	1
	02/10/04	<50	9	31	0.6	<0.5	2
	05/11/04	<50	16	72	<0.5	<0.5	4
	08/10/04	<50	<5	66	0.9	<0.5	3
	11/08/04	INACCESSIBLE	--	--	--	--	--
	02/21/05	<50	17	79	0.5	<0.5	4
	05/10/05	<50	20	100	<0.5	<0.5	4
	08/12/05	<50	18	89	<0.5	<0.5	4
	11/11/05	<50	25	140	<0.5	<0.5	6
	02/20/06	<50	22	130	<0.5	<0.5	5
	05/12/06	<50	14	89	<0.5	<0.5	4
	08/14/06	INACCESSIBLE - VEHICLE PARKED OVER WELL			--	--	--
	11/08/06	INACCESSIBLE - VEHICLE PARKED OVER WELL			--	--	--
	02/07/07	<50	14	78	<0.5	<0.5	3
	05/07/07	<50	13	67	<0.5	<0.5	3
	08/03/07	INACCESSIBLE - VEHICLE PARKED OVER WELL			--	--	--
10/12/07	<50	4	30	<0.5	<0.5	1	
11/02/07	<50	8	57	<0.5	<0.5	2	

**GROUNDWATER ANALYTICAL RESULTS - OXYGENATE COMPOUNDS**  
**CHEVRON SERVICE STATION 9-3322**  
**7225 BANCROFT AVENUE, OAKLAND, CALIFORNIA**

<b>WELL ID</b>	<b>DATE</b>	<b>ETHANOL (ug/L)</b>	<b>TBA (ug/L)</b>	<b>MTBE (ug/L)</b>	<b>DIPE (ug/L)</b>	<b>ETBE (ug/L)</b>	<b>TAME (ug/L)</b>	
<b>MW-9 (cont)</b>	12/07/07	<50	9	59	<0.5	<0.5	2	
	02/01/08	<50	11	50	<0.5	<0.5	2	
	05/09/08	INACCESSIBLE - VEHICLE PARKED OVER WELL				--	--	--
	05/16/08	<50	11	35	<0.5	<0.5	1	
	08/22/08	<50	6	35	<0.5	<0.5	0.9	
	11/26/08	<50	4	33	<0.5	<0.5	0.7	
	<b>05/20/09</b>	<50	7	<b>18</b>	<0.5	<0.5	<0.5	
<b>MW-10</b>	04/01/02	--	<100	5	<2	<2	<2	
	08/05/02	--	<100	5	<2	<2	<2	
	11/04/02	--	<100	5	<2	<2	<2	
	02/03/03	--	<5	3	<0.5	<0.5	<0.5	
	05/02/03	--	<5	<0.5	<0.5	<0.5	<0.5	
	08/01/03	<50	<5	2	<0.5	<0.5	<0.5	
	11/21/03	<50	<5	1	<0.5	<0.5	<0.5	
	02/10/04	<50	<5	<0.5	<0.5	<0.5	<0.5	
	05/11/04	<50	<5	1	<0.5	<0.5	<0.5	
	08/10/04	<50	<5	3	<0.5	<0.5	<0.5	
	11/08/04	<50	<5	<0.5	<0.5	<0.5	<0.5	
	02/21/05	<50	<5	<0.5	<0.5	<0.5	<0.5	
	05/10/05	<50	<5	1	<0.5	<0.5	<0.5	
	08/12/05	<50	<5	1	<0.5	<0.5	<0.5	
	11/11/05	<50	<5	5	<0.5	<0.5	<0.5	
	02/20/06	<50	<5	<0.5	<0.5	<0.5	<0.5	
	05/12/06	<50	<5	0.6	<0.5	<0.5	<0.5	
	08/14/06	<50	<5	2	<0.5	<0.5	<0.5	
	11/08/06	INACCESSIBLE - VEHICLE PARKED OVER WELL				--	--	--
	02/07/07	<50	<2	2	<0.5	<0.5	<0.5	
	05/07/07	<50	<2	0.9	<0.5	<0.5	<0.5	
	08/03/07	<50	<2	3	<0.5	<0.5	<0.5	
	10/12/07	<50	<2	5	<0.5	<0.5	<0.5	
11/02/07	<50	<2	4	<0.5	<0.5	<0.5		
12/07/07	<50	<2	3	<0.5	<0.5	<0.5		

**GROUNDWATER ANALYTICAL RESULTS - OXYGENATE COMPOUNDS**  
**CHEVRON SERVICE STATION 9-3322**  
**7225 BANCROFT AVENUE, OAKLAND, CALIFORNIA**

<b>WELL ID</b>	<b>DATE</b>	<b>ETHANOL</b> (ug/L)	<b>TBA</b> (ug/L)	<b>MTBE</b> (ug/L)	<b>DIPE</b> (ug/L)	<b>ETBE</b> (ug/L)	<b>TAME</b> (ug/L)
<b>MW-10 (cont)</b>	02/01/08	<50	<2	<0.5	<0.5	<0.5	<0.5
	05/09/08	<50	<2	2	<0.5	<0.5	<0.5
	08/22/08	<50	<2	5	<0.5	<0.5	<0.5
	11/26/08	<50	<2	4	<0.5	<0.5	<0.5
	<b>05/20/09</b>	<50	<2	<b>3</b>	<0.5	<0.5	<0.5

**EXPLANATIONS:**

TBA = t-Butyl alcohol  
 MTBE = Methyl Tertiary Butyl Ether  
 DIPE = di-Isopropyl ether  
 ETBE = Ethyl t-butyl ether  
 TAME = t-Amyl methyl ether  
 (ug/L) = Micrograms per liter  
 -- = Not Analyzed

**ANALYTICAL METHOD:**

EPA Method 8260 for Oxygenate Compounds



ATTACHMENT A

BLAINE TECH'S MAY 21, 2009 *SECOND QUARTER MONITORING*



May 21, 2009

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

Second Quarter 2009 Monitoring at  
Chevron Service Station 93322  
7225 Bancroft Ave.  
Oakland, CA

Monitoring performed on May 20, 2009

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**Blaine Tech Services, Inc. Groundwater Monitoring Event 090520-DR1**

This submission covers the routine monitoring of groundwater wells conducted on May 20, 2009 at this location. 10 monitoring wells were measured for depth to groundwater (DTW). 10 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 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, or new polyethylene tubing with stainless steel check valve. 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.

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.

Second Quarter Groundwater Monitoring at Chevron 93322, 7225 Bancroft Ave., Oakland, CA

SAN JOSE

SACRAMENTO

LOS ANGELES

SAN DIEGO

1680 ROGERS AVENUE

SAN JOSE, CA 95112-1105

(408) 573-0555

FAX (408) 573-7771

LIC. 746684

www.blainetech.com

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,



Pete Cornish  
Blaine Tech Services, Inc.  
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: Charlotte Evans  
5900 Hollis St. Suite A  
Emeryville, CA 94608

Second Quarter Groundwater Monitoring at Chevron 93322, 7225 Bancroft Ave., Oakland, CA

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

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

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

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## SAMPLING PROCEDURES OVERVIEW

### SAFETY

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

### INSPECTION AND GAUGING

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

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

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

### EVACUATION

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

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

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

## PARAMETER STABILIZATION

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

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

## DEWATERED WELLS

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

## MEASURING RECHARGE

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

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

## PURGEWATER CONTAINMENT

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

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

## SAMPLE COLLECTION DEVICES

All samples are collected using disposable bailers.

## SAMPLE CONTAINERS

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

## TRIP BLANKS

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

## DUPLICATES

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

## SAMPLE STORAGE

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

## DOCUMENTATION CONVENTIONS

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

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

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

## DECONTAMINATION

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

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

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

## DISSOLVED OXYGEN READINGS

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

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

## OXYIDATON REDUCTION POTENTIAL READINGS

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

## FERROUS IRON MEASUREMENTS

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

## WELL GAUGING DATA

Project # 090520-DRI Date 5/20/09 Client Chavren

Site 7225 Bancroft Ave. Oakland CA.

Well ID	Time	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC	Notes
MW-1	0820	2					14.98	33.87	↓	SPH ✓
MW-2	0840	2				10.70	29.75			
MW-3	0834	2				14.50	32.81			
MW-4	0834	2				14.89	30.14			
MW-5	0842	2				15.56	31.41			
MW-6	0830	2				15.03	31.31			
MW-7	0855	3/4"				13.71	21.41			
MW-8	0846	2				14.11	29.90			
MW-9	0921	2				13.18	29.90			
MW-10	0852	2				14.03	29.84	↓		



# CHEVRON WELL MONITORING DATA SHEET

Project #: 090520-DRI	Station #: 9-3322
Sampler: DR/JO	Date: 5/20/09
Weather: Sunny	Ambient Air Temperature:
Well I.D.: MW-1	Well Diameter: <input checked="" type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 6 <input type="radio"/> 8
Total Well Depth: 33.67	Depth to Water: 14.98
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <input checked="" type="radio"/> PVC <input type="radio"/> Grade	D.O. Meter (if req'd): <input type="radio"/> YSI <input type="radio"/> HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 18.76	

Purge Method:  Bailer  Waterra  Extraction Pump  Electric Submersible  Other \_\_\_\_\_

Sampling Method:  Bailer  Disposable Bailer  Extraction Port  Dedicated Tubing  Other \_\_\_\_\_

$3.0$  (Gals.) X  $3$  =  $9.0$  Gals.  
 1 Case Volume      Specified Volumes      Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or $\mu$ S)	Turbidity (NTUs)	Gals. Removed	Observations
1129	70.1	7.03	1139	435	3.0	sheen
1132	69.1	6.90	1164	473	6.0	↓
1135	69.2	6.87	1183	502	9.0	

Did well dewater? Yes  No  Gallons actually evacuated: 9.0

Sampling Date: 5/20/09      Sampling Time: 1140      Depth to Water: 17.88

Sample I.D.: MW-1      Laboratory:  Lancaster  Other \_\_\_\_\_

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

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 #: <u>090520 - DRI</u>	Station #: <u>9-3322</u>
Sampler: <u>DR/JO</u>	Date: <u>5/20/09</u>
Weather: <u>Sunny</u>	Ambient Air Temperature: <u>70<sup>00</sup> F</u>
Well I.D.: <u>MW-2</u>	Well Diameter: <u>3</u> 4 6 8 _____
Total Well Depth: <u>29.75</u>	Depth to Water: <u>10.70</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: <u>14.51</u>	

Purge Method:  Bailer  Waterra  Disposable Bailer  Positive Air Displacement  Electric Submersible

Sampling Method:  Bailer  Disposable Bailer  Extraction Port  Dedicated Tubing

Peristaltic  Extraction Pump  Other \_\_\_\_\_

Other: \_\_\_\_\_

<u>3.0</u> (Gals.) X	<u>3</u> Specified Volumes =	<u>9.0</u> Gals. Calculated Volume
----------------------	------------------------------	------------------------------------

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

Time	Temp (°F)	pH	Cond. (mS or $\mu$ S)	Turbidity (NTUs)	Gals. Removed	Observations
1017	67.1	7.28	525	>1000	5.0	Black / Shale
1020	67.2	7.27	524	<1000	6.0	↓
1023	67.2	7.26	526	<1000	9.0	

Did well dewater? Yes  No  Gallons actually evacuated: 9.0

Sampling Date: 5/20/09 Sampling Time: 1030 Depth to Water: 13.18

Sample I.D.: MW-2 Laboratory: Lancaster Other \_\_\_\_\_

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

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

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

# CHEVROIL WELL MONITORING DATA SHEET

Project #: <u>090520 - DRI</u>	Station #: <u>9-3322</u>
Sampler: <u>DR/JO</u>	Date: <u>5/20/09</u>
Weather: <u>Sunny</u>	Ambient Air Temperature: <u>70° F</u>
Well I.D.: <u>MW-3</u>	Well Diameter: <u>2</u> 3 4 6 8
Total Well Depth: <u>32.81</u>	Depth to Water: <u>14.50</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: <u>18.16</u>	

Purge Method:  Bailer  Waterra  Disposable Bailer  Peristaltic  Extraction Pump  Other \_\_\_\_\_

Sampling Method:  Bailer  Disposable Bailer  Extraction Port  Dedicated Tubing  Other: \_\_\_\_\_

2.9 (Gals.) X 3 = 8.7 Gals.  
 1 Case Volume      Specified Volumes      Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or $\mu$ S)	Turbidity (NTUs)	Gals. Removed	Observations
<u>0956</u>	<u>65.3</u>	<u>6.90</u>	<u>1441</u>	<u>&gt;1000</u>	<u>2.9</u>	<u>Black / sheen</u>
<u>0958</u>	<u>65.2</u>	<u>6.90</u>	<u>1418</u>	<u>&gt;1000</u>	<u>5.8</u>	
<u>1000</u>	<u>65.2</u>	<u>6.91</u>	<u>1404</u>	<u>&gt;1000</u>	<u>8.7</u>	<u>↓</u>

Did well dewater? Yes  No  Gallons actually evacuated: 8.7

Sampling Date: 5/20/09 Sampling Time: 1005 Depth to Water: 16.61

Sample I.D.: MW-3 Laboratory: Lancaster Other \_\_\_\_\_

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

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 #: 090520 - DR1	Station #: 9-3322
Sampler: DR/JO	Date: 5/20/09
Weather: Clear	Ambient Air Temperature: 70° F
Well I.D.: MW-4	Well Diameter: 3 4 6 8 _____
Total Well Depth: 30.14	Depth to Water: 14.89
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]: 17.94	

Purge Method: Bailer                      Waterra                       Disposable Bailer  
 Disposable Bailer                      Peristaltic                      Extraction Port  
 Positive Air Displacement                      Extraction Pump                      Dedicated Tubing  
 Electric Submersible                      Other \_\_\_\_\_                      Other: \_\_\_\_\_

24	(Gals.) X	3	=	7.2	Gals.
I Case Volume		Specified Volumes		Calculated Volume	

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

Time	Temp (°F)	pH	Cond. (mS or μS)	Turbidity (NTUs)	Gals. Removed	Observations
0949	66.2	6.6	540	416	2.4	cloudy
0953	66.1	6.8	522	71000	4.8	"
0956	66.3	6.9	516	71000	7.2	"

Did well dewater?    Yes     No    Gallons actually evacuated: 7.2

Sampling Date: 5/20/09    Sampling Time: 1000    Depth to Water: 15.33

Sample I.D.: MW-4    Laboratory: Lancaster Other \_\_\_\_\_

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

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

QA @ 0815

# CHEMICAL WELL MONITORING DATA SHEET

Project #: 090520 - DRI	Station #: 9-3322
Sampler: DR/JO	Date: 5/20/09
Weather: Clear	Ambient Air Temperature: 75°F
Well I.D.: MW-5	Well Diameter: <input checked="" type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 6 <input type="radio"/> 8
Total Well Depth: 31.41	Depth to Water: 15.56
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <input checked="" type="radio"/> PVC <input type="radio"/> Grade	D.O. Meter (if req'd): <input type="radio"/> YSI <input type="radio"/> HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 18.73	

Purge Method:  Bailer  Waterra  Peristaltic  Extraction Pump  Electric Submersible  Other \_\_\_\_\_

Sampling Method:  Bailer  Disposable Bailer  Extraction Port  Dedicated Tubing  Other: \_\_\_\_\_

2.5 (Gals.) X 3 = 7.5 Gals.  
 1 Case Volume      Specified Volumes      Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or μS)	Turbidity (NTUs)	Gals. Removed	Observations
1015	66.0	6.5	731	897	2.5	cloudy
1019	66.0	6.5	714	>1000	5.0	"
1022	66.1	6.6	709	>1000	7.5	"

Did well dewater? Yes  No  Gallons actually evacuated: 7.5

Sampling Date: 5/20/09      Sampling Time: 1030      Depth to Water: 17.09

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):	mV	Post-purge:	mV

## CHEVRON WELL MONITORING DATA SHEET

Project #: 090520 - DRI	Station #: 9-3322
Sampler: DR/JO	Date: 5/20/09
Weather: Sunny	Ambient Air Temperature: 70° F
Well I.D.: MW-6	Well Diameter: <input checked="" type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 6 <input type="radio"/> 8    _____
Total Well Depth: 31.31	Depth to Water: 15.03
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <input checked="" type="radio"/> PVC <input type="radio"/> Grade	D.O. Meter (if req'd):                  YSI          HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 18.29	

**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: \_\_\_\_\_

2.6	(Gals.) X	3	=	7.8	Gals.
1 Case Volume		Specified Volumes		Calculated Volume	

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

Time	Temp (°F)	pH	Cond. (mS or $\mu$ S)	Turbidity (NTUs)	Gals. Removed	Observations
0925	65.5	6.91	861	287	2.6	odor
0928	64.8	6.92	858	297	5.2	odor
0931	64.7	6.92	860	299	7.8	odor

Did well dewater?    Yes     No    Gallons actually evacuated: 7.8

Sampling Date: 5/20/09    Sampling Time: 0935    Depth to Water: 15.58

Sample I.D.: MW-6    Laboratory:  Lancaster    Other: \_\_\_\_\_

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

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 #: 090520 - DRI	Station #: 9-3322
Sampler: DR/JO	Date: 5/20/09
Weather: Sunny	Ambient Air Temperature:
Well I.D.: MW-7	Well Diameter: 2 3 4 6 8 <u>3/4"</u>
Total Well Depth: 2941	Depth to Water: 13.71
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: <u>15.85</u>	

Purge Method: Bailer Wattera Sampling Method: Bailer  
Disposable Bailer Peristaltic Disposable Bailer  
Positive Air Displacement Extraction Pump Extraction Port  
Electric Submersible  Other 1/2" tubing w/ check valve  Other: 1/2" tubing w/ check valve 3/4" = .02

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

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

Time	Temp (°F)	pH	Cond. (mS or μS)	Turbidity (NTUs)	Gals. Removed	Observations
1058	66.7	6.95	1463	587	0.2	cloudy
1059	66.8	6.98	1461	600	0.4	↓
1100	66.7	7.00	1457	617	0.6	↓

Did well dewater?    Yes    No    Gallons actually evacuated: 0.6  
 Sampling Date: 5/20/09    Sampling Time: 1105    Depth to Water: 14.29  
 Sample I.D.: MW-7    Laboratory: Lancaster Other \_\_\_\_\_

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

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

# CHEVROIL WELL MONITORING DATA SHEET

Project #: <u>010520-DRA</u>	Station #: <u>9-3322</u>
Sampler: <u>DR/JO</u>	Date: <u>5/20/09</u>
Weather: <u>clear</u>	Ambient Air Temperature: <u>75°F</u>
Well I.D.: <u>MW-8</u>	Well Diameter: <u>2</u> 3 4 6 8 <u>    </u>
Total Well Depth: <u>29.90</u>	Depth to Water: <u>14.11</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: <u>17.27</u>	

Purge Method:  Bailer                       Waterra                       Extraction Pump  
 Disposable Bailer                       Peristaltic                       Other \_\_\_\_\_  
 Positive Air Displacement                       Extraction Pump                       Dedicated Tubing  
 Electric Submersible                       Other \_\_\_\_\_

Sampling Method: Bailer  
 Disposable Bailer  
 Extraction Port  
 Dedicated Tubing  
 Other: \_\_\_\_\_

<u>7.5</u> (Gals.) X	<u>3</u> Specified Volumes	= <u>7.5</u> Gals. Calculated Volume
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Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius <sup>2</sup> * 0.163

Time	Temp (°F)	pH	Cond. (mS or $\mu$ S)	Turbidity (NTUs)	Gals. Removed	Observations
1037	68.1	7.0	710	71000	2.5	cloudy / color
1040	67.9	6.8	774	71000	5.0	"
1043	67.8	6.7	781	71000	7.5	"

Did well dewater? Yes   No                      Gallons actually evacuated: 7.5

Sampling Date: 5/20/09                      Sampling Time: 1050                      Depth to Water: 15.40

Sample I.D.: MW-8                      Laboratory: Lancaster Other \_\_\_\_\_

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

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

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



# CHEMICAL WELL MONITORING DATA SHEET

Project #: <u>010520-DRI</u>	Station #: <u>9-3322</u>
Sampler: <u>DR/JO</u>	Date: <u>5/20/09</u>
Weather: <u>Clear</u>	Ambient Air Temperature: <u>75°F</u>
Well I.D.: <u>MW-9</u>	Well Diameter: <u>3</u> 3 4 6 8
Total Well Depth: <u>29.90</u>	Depth to Water: <u>13.18</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: <u>16.52</u>	

Purge Method:  Bailer  Disposable Bailer  Positive Air Displacement  Electric Submersible

Sampling Method:  Waterra  Peristaltic  Extraction Pump  Other \_\_\_\_\_

Bailer  Disposable Bailer  Positive Air Displacement  Electric Submersible

Sampling Method:  Bailer  Disposable Bailer  Extraction Port  Dedicated Tubing  Other: \_\_\_\_\_

<u>2.7</u>	(Gals.) X	<u>3</u>	=	<u>8.1</u>	Gals.
1 Case Volume		Specified Volumes		Calculated Volume	

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

Time	Temp (°F)	pH	Cond. (mS or $\mu$ S)	Turbidity (NTUs)	Gals. Removed	Observations
1126	67.3	7.0	955	609	2.7	cloudy
1129	67.5	6.8	962	71000	5.4	"
1132	67.6	6.8	971	71000	8.1	"

Did well dewater? Yes   No Gallons actually evacuated: 8.1

Sampling Date: 5/20/09 Sampling Time: 1140 Depth to Water: 14.27

Sample I.D.: MW-9 Laboratory: Lancaster Other \_\_\_\_\_

Analyzed for: TPH-G BTEX MTBE OXYS Other: Sec Col

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:

# CHEMICAL WELL MONITORING DATA SHEET

Project #: <u>010520-DRA</u>	Station #: <u>9-3322</u>
Sampler: <u>DR/JO</u>	Date: <u>5/20/09</u>
Weather: <u>Clear</u>	Ambient Air Temperature: <u>75°F</u>
Well I.D.: <u>MW-10</u>	Well Diameter: <u>2</u> 3 4 6 8 _____
Total Well Depth: <u>29.84</u>	Depth to Water: <u>14.03</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: <u>17.19</u>	

Purge Method:  Bailer  Waterra  Disposable Bailer  Extraction Port  Dedicated Tubing  
 Disposable Bailer  Peristaltic  Other: \_\_\_\_\_  
 Positive Air Displacement  Extraction Pump  Other: \_\_\_\_\_  
 Electric Submersible  Other: \_\_\_\_\_

<u>2.5</u> (Gals.) X <u>3</u> = <u>7.5</u> Gals.
I Case Volume      Specified Volumes      Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or $\mu$ S)	Turbidity (NTUs)	Gals. Removed	Observations
1100	66.5	7.0	899	71000	2.5	cloudy
1104	66.4	6.8	904	71000	5.0	"
1108	66.3	6.8	911	71000	7.5	"

Did well dewater? Yes  No  Gallons actually evacuated: 7.5

Sampling Date: 5/20/09 Sampling Time: 115 Depth to Water: 17.03

Sample I.D.: MW-10 Laboratory: Lancaster Other: \_\_\_\_\_

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

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 2

Chevron Site Number: 93322
Chevron Site Global ID: T0600102079
Chevron Site Address: 7225 Bancroft Ave., Oakland, CA
Chevron PM: AARON COSTA
Chevron PM Phone No.: (925)543-2961
[ ] Retail and Terminal Business Unit (RTBU) Job
[ ] Construction/Retail Job

Chevron Consultant: CRA
Address: 5900 Hollis St. Suite A Emeryville, CA
CA Consultant Contact: Charlotte Evans
Consultant Phone No. 510-420-3351
Consultant Project No. 090520-D21
Sampling Company: Blaine Tech Services
Sampled By (Print): D. Reyes / J. Ortiz
Sampler Signature: [Signatures]

Lancaster Laboratories
Other Lab
Temp. Blank Check Time Temp.
0900 10C
1100 10C
1200 10C
2425 New Holland Pike, Lancaster, PA 17601
Phone No: (717)656-2300

Charge Code: NWR TB-0093322-0-OML
NW RTB 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.

ANALYSES REQUIRED

Table with columns for various analyses: EPA 8260B/GC/MS TPH-G, EPA 8015B GRO, EPA 8021B BTEX, EPA 6010 Ca, Fe, K, Mg, Mn, Na, EPA 6010/7000 TITLE 22 METALS, EPA 150.1 PH, SM2510B SPECIFIC CONDUCTIVITY, EPA 418.1 TRPH, EPA 413.1 OIL & GREASE, EPA 310.1 ALKALINITY, STLC, etc.

Preservation Codes
H = HCL Thiosulfate
N = HNO3 B = NaOH
S = H2SO4 O = Other
Special Instructions
Must meet lowest detection limits possib. for 8260 Compounds

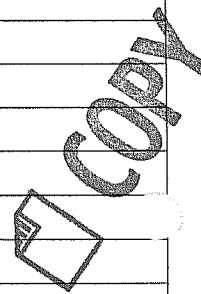
Table with columns: Field Point Name, Matrix, Top Depth, Date (yymmdd), Sample Time, # of Containers, Container Type. Contains handwritten entries for MW-1 through MW-10.

Table with columns for analysis results corresponding to the EPA codes in the previous table, marked with X or blank.

Notes/Comments

Relinquished By: [Signature] Company: BTS Date/Time: 5/20/09 1200
Relinquished To: [Signature] Company: BTS Date/Time: 5/20/09 1605

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



### CHAIN OF CUSTODY FORM

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

**COC 2 of 2**

Chevron Site Number: <u>93322</u> Chevron Site Global ID: <u>T0600102079</u> Chevron Site Address: <u>7225 Bancroft Ave., Oakland, CA</u> Chevron PM: <u>AARON COSTA</u> Chevron PM Phone No.: <u>(925)543-2961</u> <input checked="" type="checkbox"/> Retail and Terminal Business Unit (RTBU) Job <input checked="" type="checkbox"/> Construction/Retail Job				Chevron Consultant: <u>CRA</u> Address: <u>5900 Hollis St. Suite A Emeryville</u> CA Consultant Contact: <u>Charlotte Evans</u> Consultant Phone No. <u>510-420-3351</u> Consultant Project No. <u>090520-DAL</u> Sampling Company: <u>Blaine Tech Services</u> Sampled By (Print): <u>D. Regan / J. Ortiz</u> Sampler Signature: <u>[Signature]</u>				<b>ANALYSES REQUIRED</b>																																																							
Charge Code: <b>NWRTB-0093322-0-OML</b> NWRTB 00SITE NUMBER-0- WBS <b>/BS ELEMENTS:</b> SITE ASSESSMENT: <b>A1L</b> REMEDIATION IMPLEMENTATION: <b>R5L</b> SITE MONITORING: <b>OML</b> OPERATION MAINTENANCE & MONITORING: <b>M1L</b>  <b>THIS IS A LEGAL DOCUMENT. ALL FIELDS MUST BE FILLED OUT CORRECTLY AND COMPLETELY.</b>				<b>Lancaster Laboratories</b> <input checked="" type="checkbox"/> Lancaster, PA Lab Contact: Jill Parker  2425 New Holland Pike, Lancaster, PA 17601 Phone No: (717)656-2300		Other Lab _____ _____ _____ _____ _____		Temp. Blank Check Time Temp. <u>0900</u> <u>10C</u> <u>1100</u> <u>70C</u> <u>1200</u> <u>10C</u> _____ _____		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td><input type="checkbox"/> EPA 8260B/GC/MS TPH-G</td> <td><input type="checkbox"/> BTEX</td> <td><input checked="" type="checkbox"/> MTBE</td> <td><input type="checkbox"/> OXYGENATES</td> <td><input type="checkbox"/> HVOC</td> <td><input type="checkbox"/> HC SCREEN</td> <td><input type="checkbox"/> DRO</td> <td><input type="checkbox"/> ORO</td> <td><input type="checkbox"/> HC SCREEN</td> <td><input type="checkbox"/> TITL</td> <td><input type="checkbox"/> STLC</td> <td><input type="checkbox"/> EPA 310.1 ALKALINITY</td> <td><input type="checkbox"/> EPA 413.1 OIL &amp; GREASE</td> <td rowspan="2" style="font-size: small; vertical-align: top;">                     Preservation Codes                       H = HCL T = Thiosulfate                      N = HNO<sub>3</sub> B = NaOH                      S = H<sub>2</sub>SO<sub>4</sub> O = Other                 </td> </tr> <tr> <td><input type="checkbox"/> EPA 8015B GRO</td> <td><input type="checkbox"/> MTBE</td> <td><input type="checkbox"/> EPA 6010 Ca, Fe, K, Mg, Mn, Na</td> <td><input type="checkbox"/> EPA 6010/7000 TITL</td> <td><input type="checkbox"/> 22 METALS</td> <td><input type="checkbox"/> EPA 150.1 PH</td> <td><input type="checkbox"/> SM2510B SPECIFIC CONDUCTIVITY</td> <td><input type="checkbox"/> EPA 418.1 TRPH</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td rowspan="2" style="font-size: small; vertical-align: top;">                     Special Instructions                      Must meet lowest detection limits possible for 8260 Compounds                 </td> </tr> <tr> <td colspan="13"></td> <td style="font-size: small; vertical-align: top;">Notes/Comments</td> </tr> </table>												<input type="checkbox"/> EPA 8260B/GC/MS TPH-G	<input type="checkbox"/> BTEX	<input checked="" type="checkbox"/> MTBE	<input type="checkbox"/> OXYGENATES	<input type="checkbox"/> HVOC	<input type="checkbox"/> HC SCREEN	<input type="checkbox"/> DRO	<input type="checkbox"/> ORO	<input type="checkbox"/> HC SCREEN	<input type="checkbox"/> TITL	<input type="checkbox"/> STLC	<input type="checkbox"/> EPA 310.1 ALKALINITY	<input type="checkbox"/> EPA 413.1 OIL & GREASE	Preservation Codes  H = HCL T = Thiosulfate N = HNO <sub>3</sub> B = NaOH S = H <sub>2</sub> SO <sub>4</sub> O = Other	<input type="checkbox"/> EPA 8015B GRO	<input type="checkbox"/> MTBE	<input type="checkbox"/> EPA 6010 Ca, Fe, K, Mg, Mn, Na	<input type="checkbox"/> EPA 6010/7000 TITL	<input type="checkbox"/> 22 METALS	<input type="checkbox"/> EPA 150.1 PH	<input type="checkbox"/> SM2510B SPECIFIC CONDUCTIVITY	<input type="checkbox"/> EPA 418.1 TRPH						Special Instructions Must meet lowest detection limits possible for 8260 Compounds														Notes/Comments
<input type="checkbox"/> EPA 8260B/GC/MS TPH-G	<input type="checkbox"/> BTEX	<input checked="" type="checkbox"/> MTBE	<input type="checkbox"/> OXYGENATES	<input type="checkbox"/> HVOC	<input type="checkbox"/> HC SCREEN	<input type="checkbox"/> DRO	<input type="checkbox"/> ORO	<input type="checkbox"/> HC SCREEN	<input type="checkbox"/> TITL	<input type="checkbox"/> STLC	<input type="checkbox"/> EPA 310.1 ALKALINITY	<input type="checkbox"/> EPA 413.1 OIL & GREASE	Preservation Codes  H = HCL T = Thiosulfate N = HNO <sub>3</sub> B = NaOH S = H <sub>2</sub> SO <sub>4</sub> O = Other																																																		
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													Notes/Comments																																																		
<b>SAMPLE ID</b>				Sample Time	# of Containers	Container Type																																																									
Field Point Name	Matrix	Top Depth	Date (yyymmdd)																																																												
<u>QA</u>	<u>T</u>		<u>090520</u>	<u>0815</u>	<u>2</u>	<u>1KCL vials</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																																																							
Relinquished By <u>[Signature]</u> Company <u>BTS</u> Date/Time: <u>5/20/09 1200</u>				Relinquished To <u>[Signature]</u> Company <u>BTS</u> Date/Time: <u>5/20/09 1605</u>				Turnaround Time: Standard <input checked="" type="checkbox"/> 24 Hours <input type="checkbox"/> 48 hours <input type="checkbox"/> 72 Hours <input type="checkbox"/> Other <input type="checkbox"/>																																																							
Relinquished By _____ Company _____ Date/Time _____				Relinquished To _____ Company _____ Date/Time _____				Sample Integrity: (Check by lab on arrival)  Intact: _____ On Ice: _____ Temp: _____																																																							
Relinquished By _____ Company _____ Date/Time _____				Relinquished To _____ Company _____ Date/Time _____				COC # _____																																																							

COPY

# WELLHEAD INSPECTION CHECKLIST

Client Chavren Date 5/20/09  
 Site Address 7225 Bancroft Ave. Oakland CA  
 Job Number 090520-DAL Technician DR/JO

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					X		
MW-4	X	X	X							
MW-5		X	X					X		
MW-6		b	X	X						
MW-7	X	X	X							
MW-8	X	X	X							
MW-9	X	X	X							
MW-10	X	X	X							

NOTES: MW-4 slightly cracked apron. Box not loose. MW-5 1 tab broken. other is stripped.  
MW-6 2/2 Bolts missing, MW-3 3/3 Bolts Stripped, MW-2 2/3 Bolts Stripped

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:

<u>9-3322</u>	<u>Agan Costa</u>
CHEVRON #	Chevron Engineer
<u>7225 Bancroft Ave.</u>	<u>Oakland CA</u>
street number	street name city state

WELL I.D.	GALS.	WELL I.D.	GALS.
<u>MW-1</u>	<u>1 9.0</u>	<u>MW-9</u>	<u>1 8.1</u>
<u>MW-2</u>	<u>1 9.0</u>	<u>MW-10</u>	<u>1 7.5</u>
<u>MW-3</u>	<u>1 8.7</u>		
<u>MW-4</u>	<u>1 7.2</u>		
<u>MW-5</u>	<u>1 7.5</u>		
<u>MW-6</u>	<u>1 7.8</u>		
<u>MW-7</u>	<u>1 0.6</u>		
<u>MW-8</u>	<u>1 7.5</u>		
added equip.		any other	
rinse water	<u>1 5.0</u>	adjustments	<u>1</u>

**TOTAL GALS. RECOVERED** 77.9 loaded onto BTS vehicle # 73

BTS event # 090520-DRI time \_\_\_\_\_ date 5/20/09

signature [Signature]

\*\*\*\*\*  
**REC'D AT** BTS. time \_\_\_\_\_ date 5/20/09

unloaded by signature [Signature]



ATTACHMENT B

LANCASTER LABORATORIES JUNE 9, 2009 ANALYTICAL REPORT



**ANALYTICAL RESULTS**

Prepared for:

Chevron  
6001 Bollinger Canyon Rd L4310  
San Ramon CA 94583

925-842-8582

Prepared by:

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

June 09, 2009

**SAMPLE GROUP**

The sample group for this submittal is 1146167. Samples arrived at the laboratory on Saturday, May 23, 2009. The PO# for this group is 0015040460 and the release number is COSTA.

<u>Client Description</u>	<u>Lancaster Labs Number</u>
MW-1-W-090520 NA Water	5681596
MW-2-W-090520 NA Water	5681597
MW-3-W-090520 NA Water	5681598
MW-4-W-090520 NA Water	5681599
MW-5-W-090520 NA Water	5681600
MW-6-W-090520 NA Water	5681601
MW-7-W-090520 NA Water	5681602
MW-8-W-090520 NA Water	5681603
MW-9-W-090520 NA Water	5681604
MW-10-W-090520 NA Water	5681605
QA-T-090520 NA Water	5681606

**METHODOLOGY**

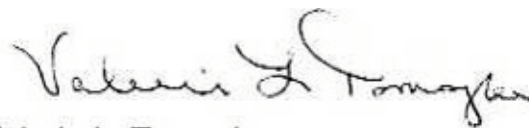
The specific methodologies used in obtaining the enclosed analytical results are indicated on the Laboratory Chronicle.

ELECTRONIC      CRA  
COPY TO

Attn: Charlotte Evans

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

Respectfully Submitted,



**Valerie L. Tomayko**  
Group Leader



# Analysis Report

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

Lancaster Laboratories Sample No. WW 5681596

Group No. 1146167  
CA

MW-1-W-090520 NA Water  
Facility #93322 BTST  
7225 Bancroft Ave-Oakland T0600102079 MW-1

Collected: 05/20/2009 11:40 by DR

Account Number: 10991

Submitted: 05/23/2009 10:30  
Reported: 06/09/2009 at 17:47  
Discard: 07/10/2009

Chevron  
6001 Bollinger Canyon Rd L4310  
San Ramon CA 94583

72251

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
<b>SW-846 8260B</b>	<b>GC/MS Volatiles</b>		<b>ug/l</b>	<b>ug/l</b>	<b>ug/l</b>	
06067	Benzene	71-43-2	11,000	50	100	100
06067	Ethanol	64-17-5	N.D.	5,000	25,000	100
06067	Ethylbenzene	100-41-4	15,000	50	100	100
06067	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	50	100	100
06067	Toluene	108-88-3	12,000	50	100	100
06067	Xylene (Total)	1330-20-7	59,000	500	1,000	1000
<b>SW-846 8015B</b>	<b>GC Volatiles</b>		<b>ug/l</b>	<b>ug/l</b>	<b>ug/l</b>	
01728	TPH-GRO N. CA water C6-C12	n.a.	58,000	10,000	20,000	200

### General Sample Comments

State of California Lab Certification No. 2116

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

### Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
06067	BTEX, MTBE, ETOH	SW-846 8260B	1	Z091531AA	06/02/2009 13:10	Ginelle L Feister	100
06067	BTEX, MTBE, ETOH	SW-846 8260B	1	Z091531AA	06/02/2009 13:35	Ginelle L Feister	1000
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Z091531AA	06/02/2009 13:10	Ginelle L Feister	100
01163	GC/MS VOA Water Prep	SW-846 5030B	2	Z091531AA	06/02/2009 13:35	Ginelle L Feister	1000
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	09147B08B	06/01/2009 20:11	Carrie E Miller	200
01146	GC VOA Water Prep	SW-846 5030B	1	09147B08B	06/01/2009 20:11	Carrie E Miller	200

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



# Analysis Report

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

Lancaster Laboratories Sample No. WW 5681597

Group No. 1146167  
CA

MW-2-W-090520 NA Water  
Facility #93322 BTST  
7225 Bancroft Ave-Oakland T0600102079 MW-2

Collected: 05/20/2009 10:30 by DR

Account Number: 10991

Submitted: 05/23/2009 10:30  
Reported: 06/09/2009 at 17:47  
Discard: 07/10/2009

Chevron  
6001 Bollinger Canyon Rd L4310  
San Ramon CA 94583

72252

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
<b>SW-846 8260B</b>	<b>GC/MS Volatiles</b>		<b>ug/l</b>	<b>ug/l</b>	<b>ug/l</b>	
06067	Benzene	71-43-2	3	1	3	2.5
06067	Ethanol	64-17-5	N.D.	130	630	2.5
06067	Ethylbenzene	100-41-4	250	1	3	2.5
06067	Methyl Tertiary Butyl Ether	1634-04-4	2 J	1	3	2.5
06067	Toluene	108-88-3	N.D.	1	3	2.5
06067	Xylene (Total)	1330-20-7	290	1	3	2.5

The reporting limits for the GC/MS volatile compounds were raised due to the level of non-target compounds.

CAT No.	Analysis Name	Method	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
<b>SW-846 8015B</b>	<b>GC Volatiles</b>		<b>ug/l</b>	<b>ug/l</b>	<b>ug/l</b>	
01728	TPH-GRO N. CA water C6-C12	n.a.	12,000	250	500	5

### General Sample Comments

State of California Lab Certification No. 2116

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

### Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
06067	BTEX, MTBE, ETOH	SW-846 8260B	1	Z091531AA	06/02/2009 14:01	Ginelle L Feister	2.5
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Z091531AA	06/02/2009 14:01	Ginelle L Feister	2.5
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	09147B08B	06/01/2009 20:35	Carrie E Miller	5
01146	GC VOA Water Prep	SW-846 5030B	1	09147B08B	06/01/2009 20:35	Carrie E Miller	5

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



# Analysis Report

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

Lancaster Laboratories Sample No. WW 5681598

Group No. 1146167  
CA

MW-3-W-090520 NA Water  
Facility #93322 BTST  
7225 Bancroft Ave-Oakland T0600102079 MW-3

Collected: 05/20/2009 10:05 by DR

Account Number: 10991

Submitted: 05/23/2009 10:30  
Reported: 06/09/2009 at 17:47  
Discard: 07/10/2009

Chevron  
6001 Bollinger Canyon Rd L4310  
San Ramon CA 94583

72253

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
<b>SW-846 8260B</b>	<b>GC/MS Volatiles</b>		<b>ug/l</b>	<b>ug/l</b>	<b>ug/l</b>	
06067	Benzene	71-43-2	510	5	10	10
06067	Ethanol	64-17-5	N.D.	50	250	1
06067	Ethylbenzene	100-41-4	200	5	10	10
06067	Methyl Tertiary Butyl Ether	1634-04-4	130	0.5	1	1
06067	Toluene	108-88-3	33	0.5	1	1
06067	Xylene (Total)	1330-20-7	170	0.5	1	1
<b>SW-846 8015B</b>	<b>GC Volatiles</b>		<b>ug/l</b>	<b>ug/l</b>	<b>ug/l</b>	
01728	TPH-GRO N. CA water C6-C12	n.a.	6,600	250	500	5

### General Sample Comments

State of California Lab Certification No. 2116

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

### Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
06067	BTEX, MTBE, ETOH	SW-846 8260B	1	Z091531AA	06/02/2009 14:51	Ginelle L Feister	1
06067	BTEX, MTBE, ETOH	SW-846 8260B	1	Z091531AA	06/02/2009 15:17	Ginelle L Feister	10
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Z091531AA	06/02/2009 14:51	Ginelle L Feister	1
01163	GC/MS VOA Water Prep	SW-846 5030B	2	Z091531AA	06/02/2009 15:17	Ginelle L Feister	10
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	09147B08B	06/01/2009 23:28	Carrie E Miller	5
01146	GC VOA Water Prep	SW-846 5030B	1	09147B08B	06/01/2009 23:28	Carrie E Miller	5

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

Lancaster Laboratories Sample No. WW 5681599

Group No. 1146167  
CA

MW-4-W-090520 NA Water

Facility #93322 BTST

7225 Bancroft Ave-Oakland T0600102079 MW-4

Collected: 05/20/2009 10:00 by DR

Account Number: 10991

Submitted: 05/23/2009 10:30

Chevron

Reported: 06/09/2009 at 17:47

6001 Bollinger Canyon Rd L4310

Discard: 07/10/2009

San Ramon CA 94583

72254

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
<b>SW-846 8260B</b>	<b>GC/MS Volatiles</b>		<b>ug/l</b>	<b>ug/l</b>	<b>ug/l</b>	
06067	Benzene	71-43-2	N.D.	0.5	1	1
06067	Ethanol	64-17-5	N.D.	50	250	1
06067	Ethylbenzene	100-41-4	N.D.	0.5	1	1
06067	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	1	1
06067	Toluene	108-88-3	N.D.	0.5	1	1
06067	Xylene (Total)	1330-20-7	N.D.	0.5	1	1
<b>SW-846 8015B</b>	<b>GC Volatiles</b>		<b>ug/l</b>	<b>ug/l</b>	<b>ug/l</b>	
01728	TPH-GRO N. CA water C6-C12	n.a.	N.D.	50	100	1

### General Sample Comments

State of California Lab Certification No. 2116

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

### Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
06067	BTEX, MTBE, ETOH	SW-846 8260B	1	Z091531AA	06/02/2009 15:42	Ginelle L Feister	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Z091531AA	06/02/2009 15:42	Ginelle L Feister	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	09147B08B	06/01/2009 21:25	Carrie E Miller	1
01146	GC VOA Water Prep	SW-846 5030B	1	09147B08B	06/01/2009 21:25	Carrie E Miller	1



# Analysis Report

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

Lancaster Laboratories Sample No. WW 5681600

Group No. 1146167  
CA

MW-5-W-090520 NA Water  
Facility #93322 BTST  
7225 Bancroft Ave-Oakland T0600102079 MW-5

Collected: 05/20/2009 10:30 by DR

Account Number: 10991

Submitted: 05/23/2009 10:30  
Reported: 06/09/2009 at 17:47  
Discard: 07/10/2009

Chevron  
6001 Bollinger Canyon Rd L4310  
San Ramon CA 94583

72255

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
<b>SW-846 8260B</b>	<b>GC/MS Volatiles</b>		<b>ug/l</b>	<b>ug/l</b>	<b>ug/l</b>	
06067	Benzene	71-43-2	N.D.	0.5	1	1
06067	Ethanol	64-17-5	N.D.	50	250	1
06067	Ethylbenzene	100-41-4	N.D.	0.5	1	1
06067	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	1	1
06067	Toluene	108-88-3	N.D.	0.5	1	1
06067	Xylene (Total)	1330-20-7	N.D.	0.5	1	1
<b>SW-846 8015B</b>	<b>GC Volatiles</b>		<b>ug/l</b>	<b>ug/l</b>	<b>ug/l</b>	
01728	TPH-GRO N. CA water C6-C12	n.a.	N.D.	50	100	1

### General Sample Comments

State of California Lab Certification No. 2116

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

### Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
06067	BTEX, MTBE, ETOH	SW-846 8260B	1	Z091531AA	06/02/2009 16:09	GINELLE L FEISTER	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Z091531AA	06/02/2009 16:09	GINELLE L FEISTER	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	09147B08B	06/01/2009 21:49	CARRIE E MILLER	1
01146	GC VOA Water Prep	SW-846 5030B	1	09147B08B	06/01/2009 21:49	CARRIE E MILLER	1

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



# Analysis Report

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

Lancaster Laboratories Sample No. WW 5681601

Group No. 1146167  
CA

MW-6-W-090520 NA Water

Facility #93322 BTST

7225 Bancroft Ave-Oakland T0600102079 MW-6

Collected: 05/20/2009 09:35 by DR

Account Number: 10991

Submitted: 05/23/2009 10:30

Chevron

Reported: 06/09/2009 at 17:47

6001 Bollinger Canyon Rd L4310

Discard: 07/10/2009

San Ramon CA 94583

72256

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
<b>SW-846 8260B</b>	<b>GC/MS Volatiles</b>		<b>ug/l</b>	<b>ug/l</b>	<b>ug/l</b>	
06067	Benzene	71-43-2	23	0.5	1	1
06067	Ethanol	64-17-5	N.D.	50	250	1
06067	Ethylbenzene	100-41-4	0.7 J	0.5	1	1
06067	Methyl Tertiary Butyl Ether	1634-04-4	11	0.5	1	1
06067	Toluene	108-88-3	N.D.	0.5	1	1
06067	Xylene (Total)	1330-20-7	N.D.	0.5	1	1
<b>SW-846 8015B</b>	<b>GC Volatiles</b>		<b>ug/l</b>	<b>ug/l</b>	<b>ug/l</b>	
01728	TPH-GRO N. CA water C6-C12	n.a.	580	50	100	1

### General Sample Comments

State of California Lab Certification No. 2116

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

### Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
06067	BTEX, MTBE, ETOH	SW-846 8260B	1	Z091531AA	06/02/2009 16:34	Ginelle L Feister	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Z091531AA	06/02/2009 16:34	Ginelle L Feister	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	09147B08B	06/01/2009 22:14	Carrie E Miller	1
01146	GC VOA Water Prep	SW-846 5030B	1	09147B08B	06/01/2009 22:14	Carrie E Miller	1

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



**Lancaster Laboratories Sample No. WW 5681602**
**Group No. 1146167  
CA**
**MW-7-W-090520 NA Water**
**Facility #93322 BTST**
**7225 Bancroft Ave-Oakland T0600102079 MW-7**

Collected: 05/20/2009 11:05 by DR

Account Number: 10991

Submitted: 05/23/2009 10:30

Chevron

Reported: 06/09/2009 at 17:47

6001 Bollinger Canyon Rd L4310

Discard: 07/10/2009

San Ramon CA 94583

72257

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
<b>SW-846 8260B</b>	<b>GC/MS Volatiles</b>		<b>ug/l</b>	<b>ug/l</b>	<b>ug/l</b>	
06059	t-Amyl methyl ether	994-05-8	N.D.	3	5	5
06059	Benzene	71-43-2	5,400	50	100	100
06059	t-Butyl alcohol	75-65-0	260	10	25	5
06059	Ethanol	64-17-5	N.D.	250	1,300	5
06059	Ethyl t-butyl ether	637-92-3	N.D.	3	5	5
06059	Ethylbenzene	100-41-4	810	3	5	5
06059	di-Isopropyl ether	108-20-3	N.D.	3	5	5
06059	Methyl Tertiary Butyl Ether	1634-04-4	66	3	5	5
06059	Toluene	108-88-3	190	3	5	5
06059	Xylene (Total)	1330-20-7	2,800	50	100	100
<b>SW-846 8015B</b>	<b>GC Volatiles</b>		<b>ug/l</b>	<b>ug/l</b>	<b>ug/l</b>	
01728	TPH-GRO N. CA water C6-C12	n.a.	24,000	1,000	2,000	20

### General Sample Comments

State of California Lab Certification No. 2116

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

### Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
06059	BTEX+5 Oxygenates+ETOH	SW-846 8260B	1	Z091523AA	06/02/2009 04:02	Michael A Ziegler	5
06059	BTEX+5 Oxygenates+ETOH	SW-846 8260B	1	Z091523AA	06/02/2009 04:27	Michael A Ziegler	100
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Z091523AA	06/02/2009 04:02	Michael A Ziegler	5
01163	GC/MS VOA Water Prep	SW-846 5030B	2	Z091523AA	06/02/2009 04:27	Michael A Ziegler	100
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	09146A54A	05/27/2009 14:56	Tyler O Griffin	20
01146	GC VOA Water Prep	SW-846 5030B	1	09146A54A	05/27/2009 14:56	Tyler O Griffin	20



# Analysis Report

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Lancaster Laboratories Sample No. WW 5681603

Group No. 1146167  
CA

MW-8-W-090520 NA Water  
Facility #93322 BTST  
7225 Bancroft Ave-Oakland T0600102079 MW-8

Collected: 05/20/2009 10:50 by DR

Account Number: 10991

Submitted: 05/23/2009 10:30  
Reported: 06/09/2009 at 17:47  
Discard: 07/10/2009

Chevron  
6001 Bollinger Canyon Rd L4310  
San Ramon CA 94583

72258

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
<b>SW-846 8260B GC/MS Volatiles</b>			ug/l	ug/l	ug/l	
06059	t-Amyl methyl ether	994-05-8	N.D.	0.5	1	1
06059	Benzene	71-43-2	3	0.5	1	1
06059	t-Butyl alcohol	75-65-0	N.D.	2	5	1
06059	Ethanol	64-17-5	N.D.	50	250	1
06059	Ethyl t-butyl ether	637-92-3	N.D.	0.5	1	1
06059	Ethylbenzene	100-41-4	N.D.	0.5	1	1
06059	di-Isopropyl ether	108-20-3	N.D.	0.5	1	1
06059	Methyl Tertiary Butyl Ether	1634-04-4	0.7 J	0.5	1	1
06059	Toluene	108-88-3	N.D.	0.5	1	1
06059	Xylene (Total)	1330-20-7	N.D.	0.5	1	1
<b>SW-846 8015B GC Volatiles</b>			ug/l	ug/l	ug/l	
01728	TPH-GRO N. CA water C6-C12	n.a.	310	50	100	1

### General Sample Comments

State of California Lab Certification No. 2116

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

### Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
06059	BTEX+5 Oxygenates+ETOH	SW-846 8260B	1	Z091523AA	06/02/2009 04:52	Michael A Ziegler	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Z091523AA	06/02/2009 04:52	Michael A Ziegler	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	09146A54A	05/27/2009 08:46	Tyler O Griffin	1
01146	GC VOA Water Prep	SW-846 5030B	1	09146A54A	05/27/2009 08:46	Tyler O Griffin	1

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



# Analysis Report

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

Lancaster Laboratories Sample No. WW 5681604

Group No. 1146167  
CA

MW-9-W-090520 NA Water  
Facility #93322 BTST  
7225 Bancroft Ave-Oakland T0600102079 MW-9

Collected: 05/20/2009 11:40 by DR

Account Number: 10991

Submitted: 05/23/2009 10:30  
Reported: 06/09/2009 at 17:47  
Discard: 07/10/2009

Chevron  
6001 Bollinger Canyon Rd L4310  
San Ramon CA 94583

72259

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
<b>SW-846 8260B GC/MS Volatiles</b>			ug/l	ug/l	ug/l	
06059	t-Amyl methyl ether	994-05-8	N.D.	0.5	1	1
06059	Benzene	71-43-2	N.D.	0.5	1	1
06059	t-Butyl alcohol	75-65-0	7	2	5	1
06059	Ethanol	64-17-5	N.D.	50	250	1
06059	Ethyl t-butyl ether	637-92-3	N.D.	0.5	1	1
06059	Ethylbenzene	100-41-4	N.D.	0.5	1	1
06059	di-Isopropyl ether	108-20-3	N.D.	0.5	1	1
06059	Methyl Tertiary Butyl Ether	1634-04-4	18	0.5	1	1
06059	Toluene	108-88-3	N.D.	0.5	1	1
06059	Xylene (Total)	1330-20-7	N.D.	0.5	1	1
<b>SW-846 8015B GC Volatiles</b>			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. 2116

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

### Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
06059	BTEX+5 Oxygenates+ETOH	SW-846 8260B	1	Z091531AA	06/02/2009 17:00	Ginelle L Feister	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Z091531AA	06/02/2009 17:00	Ginelle L Feister	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	09146A54A	05/27/2009 09:10	Tyler O Griffin	1
01146	GC VOA Water Prep	SW-846 5030B	1	09146A54A	05/27/2009 09:10	Tyler O Griffin	1

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



# Analysis Report

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

Lancaster Laboratories Sample No. WW 5681605

Group No. 1146167  
CA

MW-10-W-090520 NA Water

Facility #93322 BTST

7225 Bancroft Ave-Oakland T0600102079 MW-10

Collected: 05/20/2009 11:15 by DR

Account Number: 10991

Submitted: 05/23/2009 10:30

Chevron

Reported: 06/09/2009 at 17:47

6001 Bollinger Canyon Rd L4310

Discard: 07/10/2009

San Ramon CA 94583

72-10

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
<b>SW-846 8260B</b>	<b>GC/MS Volatiles</b>		<b>ug/l</b>	<b>ug/l</b>	<b>ug/l</b>	
06059	t-Amyl methyl ether	994-05-8	N.D.	0.5	1	1
06059	Benzene	71-43-2	N.D.	0.5	1	1
06059	t-Butyl alcohol	75-65-0	N.D.	2	5	1
06059	Ethanol	64-17-5	N.D.	50	250	1
06059	Ethyl t-butyl ether	637-92-3	N.D.	0.5	1	1
06059	Ethylbenzene	100-41-4	N.D.	0.5	1	1
06059	di-Isopropyl ether	108-20-3	N.D.	0.5	1	1
06059	Methyl Tertiary Butyl Ether	1634-04-4	3	0.5	1	1
06059	Toluene	108-88-3	N.D.	0.5	1	1
06059	Xylene (Total)	1330-20-7	N.D.	0.5	1	1
<b>SW-846 8015B</b>	<b>GC Volatiles</b>		<b>ug/l</b>	<b>ug/l</b>	<b>ug/l</b>	
01728	TPH-GRO N. CA water C6-C12	n.a.	N.D.	50	100	1

### General Sample Comments

State of California Lab Certification No. 2116

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

### Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
06059	BTEX+5 Oxygenates+ETOH	SW-846 8260B	1	Z091531AA	06/02/2009 17:25	Ginelle L Feister	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Z091531AA	06/02/2009 17:25	Ginelle L Feister	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	09146A54A	05/27/2009 09:33	Tyler O Griffin	1
01146	GC VOA Water Prep	SW-846 5030B	1	09146A54A	05/27/2009 09:33	Tyler O Griffin	1

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



# Analysis Report

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

Lancaster Laboratories Sample No. WW 5681606

Group No. 1146167  
CA

QA-T-090520 NA Water  
Facility #93322 BTST  
7225 Bancroft Ave-Oakland T0600102079 QA

Collected: 05/20/2009 08:15

Account Number: 10991

Submitted: 05/23/2009 10:30  
Reported: 06/09/2009 at 17:47  
Discard: 07/10/2009

Chevron  
6001 Bollinger Canyon Rd L4310  
San Ramon CA 94583

7225T

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
<b>SW-846 8260B</b>	<b>GC/MS Volatiles</b>		<b>ug/l</b>	<b>ug/l</b>	<b>ug/l</b>	
06054	Benzene	71-43-2	N.D.	0.5	1	1
06054	Ethylbenzene	100-41-4	N.D.	0.5	1	1
06054	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	1	1
06054	Toluene	108-88-3	N.D.	0.5	1	1
06054	Xylene (Total)	1330-20-7	N.D.	0.5	1	1
<b>SW-846 8015B</b>	<b>GC Volatiles</b>		<b>ug/l</b>	<b>ug/l</b>	<b>ug/l</b>	
01728	TPH-GRO N. CA water C6-C12	n.a.	N.D.	50	100	1

### General Sample Comments

State of California Lab Certification No. 2116

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

### Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
06054	BTEX+MTBE by 8260B	SW-846 8260B	1	Z091513AA	06/01/2009 04:33	Michael A Ziegler	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Z091513AA	06/01/2009 04:33	Michael A Ziegler	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	09147B08B	06/01/2009 14:52	Carrie E Miller	1
01146	GC VOA Water Prep	SW-846 5030B	1	09147B08B	06/01/2009 14:52	Carrie E Miller	1

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

## Quality Control Summary

 Client Name: Chevron  
 Reported: 06/09/09 at 05:47 PM

Group Number: 1146167

Matrix QC may not be reported if site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

### Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL**	Blank LOQ	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: Z091513AA Sample number(s): 5681606									
Benzene	N.D.	0.5	1	ug/l	93	89	80-116	4	30
Ethylbenzene	N.D.	0.5	1	ug/l	97	93	80-113	5	30
Methyl Tertiary Butyl Ether	N.D.	0.5	1	ug/l	99	98	78-117	1	30
Toluene	N.D.	0.5	1	ug/l	95	91	80-115	5	30
Xylene (Total)	N.D.	0.5	1	ug/l	98	93	81-114	5	30
Batch number: Z091523AA Sample number(s): 5681602-5681603									
t-Amyl methyl ether	N.D.	0.5	1	ug/l	91		78-117		
Benzene	N.D.	0.5	1	ug/l	90		80-116		
t-Butyl alcohol	N.D.	2.	5	ug/l	98		74-116		
Ethanol	N.D.	50.	250	ug/l	100		40-158		
Ethyl t-butyl ether	N.D.	0.5	1	ug/l	88		75-118		
Ethylbenzene	N.D.	0.5	1	ug/l	95		80-113		
di-Isopropyl ether	N.D.	0.5	1	ug/l	94		71-124		
Methyl Tertiary Butyl Ether	N.D.	0.5	1	ug/l	95		78-117		
Toluene	N.D.	0.5	1	ug/l	94		80-115		
Xylene (Total)	N.D.	0.5	1	ug/l	96		81-114		
Batch number: Z091531AA Sample number(s): 5681596-5681601, 5681604-5681605									
t-Amyl methyl ether	N.D.	0.5	1	ug/l	85		78-117		
Benzene	N.D.	0.5	1	ug/l	87		80-116		
t-Butyl alcohol	N.D.	2.	5	ug/l	94		74-116		
Ethanol	N.D.	50.	250	ug/l	81		40-158		
Ethyl t-butyl ether	N.D.	0.5	1	ug/l	83		75-118		
Ethylbenzene	N.D.	0.5	1	ug/l	89		80-113		
di-Isopropyl ether	N.D.	0.5	1	ug/l	89		71-124		
Methyl Tertiary Butyl Ether	N.D.	0.5	1	ug/l	90		78-117		
Toluene	N.D.	0.5	1	ug/l	90		80-115		
Xylene (Total)	N.D.	0.5	1	ug/l	90		81-114		
Batch number: 09146A54A Sample number(s): 5681602-5681605									
TPH-GRO N. CA water C6-C12	N.D.	50.	100	ug/l	118	118	75-135	0	30
Batch number: 09147B08B Sample number(s): 5681596-5681601, 5681606									
TPH-GRO N. CA water C6-C12	N.D.	50.	100	ug/l	118	127	75-135	7	30

### Sample Matrix Quality Control

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

MS	MSD	MS/MSD	RPD	BKG	DUP	DUP	Dup RPD
----	-----	--------	-----	-----	-----	-----	---------

\*- 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: 1146167  
 Reported: 06/09/09 at 05:47 PM

<u>Analysis Name</u>	<u>%REC</u>	<u>%REC</u>	<u>Limits</u>	<u>RPD</u>	<u>MAX</u>	<u>Conc</u>	<u>Conc</u>	<u>RPD</u>	<u>Max</u>
Batch number: Z091513AA	Sample number(s): 5681606 UNSPK: P677657								
Benzene	99		80-126						
Ethylbenzene	102		77-125						
Methyl Tertiary Butyl Ether	106		72-126						
Toluene	101		80-125						
Xylene (Total)	103		79-125						
Batch number: Z091523AA	Sample number(s): 5681602-5681603 UNSPK: P680466								
t-Amyl methyl ether	90	88	75-122	3	30				
Benzene	93	91	80-126	2	30				
t-Butyl alcohol	94	97	67-119	3	30				
Ethanol	93	90	37-164	3	30				
Ethyl t-butyl ether	90	89	74-122	2	30				
Ethylbenzene	98	90	77-125	8	30				
di-Isopropyl ether	85	92	70-129	8	30				
Methyl Tertiary Butyl Ether	97	92	72-126	3	30				
Toluene	95	91	80-125	4	30				
Xylene (Total)	97	90	79-125	7	30				
Batch number: Z091531AA	Sample number(s): 5681596-5681601,5681604-5681605 UNSPK: P679657								
t-Amyl methyl ether	85	87	75-122	2	30				
Benzene	90	93	80-126	3	30				
t-Butyl alcohol	92	93	67-119	1	30				
Ethanol	80	78	37-164	2	30				
Ethyl t-butyl ether	84	85	74-122	1	30				
Ethylbenzene	94	96	77-125	2	30				
di-Isopropyl ether	91	85	70-129	6	30				
Methyl Tertiary Butyl Ether	90	90	72-126	0	30				
Toluene	95	96	80-125	1	30				
Xylene (Total)	94	96	79-125	2	30				
Batch number: 09146A54A	Sample number(s): 5681602-5681605 UNSPK: 5681605								
TPH-GRO N. CA water C6-C12	136		63-154						
Batch number: 09147B08B	Sample number(s): 5681596-5681601,5681606 UNSPK: P678661								
TPH-GRO N. CA water C6-C12	109		63-154						

### 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: TPH-GRO N. CA water C6-C12  
 Batch number: 09146A54A  
 Trifluorotoluene-F

5681602	120
5681603	110
5681604	102
5681605	97
Blank	103
LCS	109
LCSD	103
MS	97

\*- Outside of specification

\*\* - This limit was used in the evaluation of the final result for the blank

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The unspiked result was more than four times the spike added.

## Quality Control Summary

Client Name: Chevron  
Reported: 06/09/09 at 05:47 PM

Group Number: 1146167

### Surrogate Quality Control

Limits: 63-135

Analysis Name: TPH-GRO N. CA water C6-C12  
Batch number: 09147B08B  
Trifluorotoluene-F

5681596	102
5681597	134
5681598	134
5681599	102
5681600	101
5681601	117
5681606	104
Blank	102
LCS	123
LCSD	124
MS	111

Limits: 63-135

Analysis Name: BTEX+MTBE by 8260B  
Batch number: Z091513AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5681606	89	86	90	86
Blank	87	84	91	87
LCS	88	85	90	89
LCSD	87	85	89	90
MS	89	86	91	89

Limits: 80-116                      77-113                      80-113                      78-113

Analysis Name: BTEX+5 Oxygenates+ETOH  
Batch number: Z091523AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5681602	85	83	90	92
5681603	87	85	89	85
Blank	88	87	91	87
LCS	88	85	90	90
MS	88	85	91	90
MSD	87	86	90	88

Limits: 80-116                      77-113                      80-113                      78-113

Analysis Name: BTEX+5 Oxygenates+ETOH  
Batch number: Z091531AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5681596	86	82	92	94
5681597	88	84	92	94
5681598	84	83	92	93
5681599	88	86	91	86
5681600	87	87	90	85
5681601	87	85	91	89
5681604	88	88	91	88
5681605	87	86	89	85
Blank	88	85	90	85

\*- 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: 1146167

Reported: 06/09/09 at 05:47 PM

### Surrogate Quality Control

LCS	87	87	90	88
MS	87	87	90	89
MSD	86	86	90	89
Limits:	80-116	77-113	80-113	78-113

\*- 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.

052209-02 1068

CHAIN OF CUSTODY FORM

10991/1146167/5681596-606

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

COC 1 of 2

Chevron Site Number: 93322  
 Chevron Site Global ID: T0600102079  
 Chevron Site Address: 7225 Bancroft Ave.,  
 Oakland, CA  
 Chevron PM: AARON COSTA  
 Chevron PM Phone No.: (925)543-2961  
 Retail and Terminal Business Unit (RTBU) Job  
 Construction/Retail Job

Chevron Consultant: CRA  
 Address: 5900 Hollis St. Suite A Emeryville,  
 CA  
 Consultant Contact: Charlotte Evans  
 Consultant Phone No. 510-420-3351  
 Consultant Project No. 090520-D21  
 Sampling Company: Blaine Tech Services  
 Sampled By (Print): D. Reyes / J. Ortiz  
 Sampler Signature: [Signature]

ANALYSES REQUIRED												
IF	IF											Preservation Codes
		EPA 8260B/GC/MS										H = HCL T = Thiosulfate N = HNO <sub>3</sub> B = NaOH S = H <sub>2</sub> SO <sub>4</sub> O = Other
		TPH/G										
		EPA 8015B										
		EPA 8021B										
		EPA 6010 Ca, Fe, K, Mg, Mn, Na										
		EPA 6010/7000 TITLE 22 METALS										
		EPA 150.1 PH										
		SM2510B SPECIFIC CONDUCTIVITY										
		EPA 418.1 TRPH										
		EPA 413.1 OIL & GREASE										

Charge Code: NWR TB-0093322-0-OML  
 NWR TB 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.	Temp.
		0900	1°C
		1100	1°C
		1200	1°C

SAMPLE ID				Sample Time	# of Containers	Container Type	ANALYSES REQUIRED												Notes/Comments
Field Point Name	Matrix	Top Depth	Date (yymmdd)				EPA 8260B/GC/MS	TPH/G	EPA 8015B	EPA 8021B	EPA 6010 Ca, Fe, K, Mg, Mn, Na	EPA 6010/7000 TITLE 22 METALS	EPA 150.1 PH	SM2510B SPECIFIC CONDUCTIVITY	EPA 418.1 TRPH	EPA 413.1 OIL & GREASE			
MW-1	W		090520	1140	6	HCL V095	X	X											
MW-2	W			1030			X	X											
MW-3	W			1005			X	X											
MW-4	W			1000			X	X											
MW-5	W			1030			X	X											
MW-6	W			0935			X	X											
MW-7	W			1105			X	X											
MW-8	W			1050			X	X											
MW-9	W			1140			X	X											
MW-10	W			1115			X	X											

Relinquished By	Company	Date/Time	Relinquished To	Company	Date/Time
[Signature]	BTS	5/20/09 1200	[Signature]	BTS	5/20/09 1605
[Signature]	BTS	5/22/09 1118	[Signature]	LLI	5/22/09 1120
[Signature]	LLI	5/22/09 530	[Signature]	LLI	5/22/09 1030

Turnaround Time:  
 Standard  24 Hours  48 hours  72 Hours  Other   
 Sample Integrity: (Check by lab on arrival)  
 Intact:  On Ice:  Temp: 11.5°C  
 COC #

052209-02 2002

Chevron Environmental Management Company ■ 6111 Bollinger Canyon Rd. ■ San Ramon, CA 94583 COC 2 of 2

Chevron Site Number: 93322  
 Chevron Site Global ID: T0600102079  
 Chevron Site Address: 7225 Bancroft Ave.,  
Oakland, CA  
 Chevron PM: AARON COSTA  
 Chevron PM Phone No.: (925)543-2961  
 Retail and Terminal Business Unit (RTBU) Job  
 Construction/Retail Job

Chevron Consultant: CRA  
 Address: 5900 Hollis St. Suite A Emeryville,  
 CA Consultant Contact: Charlotte Evans  
 Consultant Phone No. 510-420-3351  
 Consultant Project No. 090520-DAL  
 Sampling Company: Blaine Tech Services  
 Sampled By (Print): D. Rayna / J. Ortiz  
 Sampler Signature: [Signature]

ANALYSES REQUIRED

ANALYSES REQUIRED													Preservation Codes
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	H = HCL T = Thiosulfate N = HNO <sub>3</sub> B = NaOH S = H <sub>2</sub> SO <sub>4</sub> O = Other
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Special Instructions Must meet lowest detection limits possible for 8260 Compounds
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Charge Code: NWRTB-0093322-0-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. \_\_\_\_\_  
0900 10C  
1100 10C  
1200 10C

SAMPLE ID				Sample Time	# of Containers	Container Type
Field Point Name	Matrix	Top Depth	Date (yymmdd)			
<u>QA</u>	<u>T</u>		<u>090520</u>	<u>0815</u>	<u>2</u>	<u>1HCL 0095</u>

Relinquished By: <u>[Signature]</u>	Company: <u>BTS</u>	Date/Time: <u>5/20/09 1200</u>	Relinquished To: <u>[Signature]</u>	Company: <u>BTS</u>	Date/Time: <u>5/20/09 1605</u>	Turnaround Time: Standard <input checked="" type="checkbox"/> 24 Hours <input type="checkbox"/> 48 hours <input type="checkbox"/> 72 Hours <input type="checkbox"/> Other <input type="checkbox"/>
Relinquished By: <u>[Signature]</u>	Company: <u>BTS</u>	Date/Time: <u>5/22/09 1118</u>	Relinquished To: <u>[Signature]</u>	Company: <u>LLI</u>	Date/Time: <u>5/22/09 1120</u>	Sample Integrity: (Check by lab on arrival)
Relinquished By: <u>[Signature]</u>	Company: <u>LLI</u>	Date/Time: <u>5/22/09 1530</u>	Relinquished To: <u>[Signature]</u>	Company: <u>LLI</u>	Date/Time: _____	Intact: <input type="checkbox"/> On Ice: <input checked="" type="checkbox"/> Temp: <u>1.83M.C</u>

[Signature] LLI 5/22/09 0030

## Lancaster Laboratories Explanation of Symbols and Abbreviations

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

<b>N.D.</b>	none detected	<b>BMQL</b>	Below Minimum Quantitation Level
<b>TNTC</b>	Too Numerous To Count	<b>MPN</b>	Most Probable Number
<b>IU</b>	International Units	<b>CP Units</b>	cobalt-chloroplatinate units
<b>umhos/cm</b>	micromhos/cm	<b>NTU</b>	nephelometric turbidity units
<b>C</b>	degrees Celsius	<b>F</b>	degrees Fahrenheit
<b>Cal</b>	(diet) calories	<b>lb.</b>	pound(s)
<b>meq</b>	milliequivalents	<b>kg</b>	kilogram(s)
<b>g</b>	gram(s)	<b>mg</b>	milligram(s)
<b>ug</b>	microgram(s)	<b>l</b>	liter(s)
<b>ml</b>	milliliter(s)	<b>ul</b>	microliter(s)
<b>m3</b>	cubic meter(s)	<b>fib &gt;5 um/ml</b>	fibers greater than 5 microns in length per ml
<b>&lt;</b>	less than – The number following the sign is the <u>limit of quantitation</u> , the smallest amount of analyte which can be reliably determined using this specific test.		
<b>&gt;</b>	greater than		
<b>ppm</b>	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.		
<b>ppb</b>	parts per billion		
<b>Dry weight basis</b>	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.		

U.S. EPA data qualifiers:

### Organic Qualifiers

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

### Inorganic Qualifiers

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

Analytical test results for methods listed on the laboratories' accreditation scope meet all requirements of NELAC unless otherwise noted under the individual analysis.

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

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