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1:36 pm, Jun 10, 2011

Alameda County  
Environmental Health

**Stacie H. Frerichs**  
Team Lead  
Marketing Business Unit

**Chevron Environmental  
Management Company**  
6001 Bollinger Canyon Road  
San Ramon, CA 94583  
Tel (925) 842-9655  
Fax (925) 842-8370

June 6, 2011  
(date)

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

Re: Chevron Facility # 9-2506

Address: 2630 Broadway, Oakland, California

I have reviewed the attached report titled First Semi-Annual 2011 Groundwater Monitoring and Sampling Report and dated June 6, 2011.

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

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

I declare under penalty of perjury that the foregoing is true and correct.

Sincerely,

Stacie H. Frerichs  
Project Manager

Enclosure: Report



**CONESTOGA-ROVERS  
& ASSOCIATES**

10969 Trade Center Drive  
Rancho Cordova, California 95670  
Telephone: (916) 889-8900 Fax: (916) 889-8999  
<http://www.craworld.com>

June 6, 2011

Reference No. 611962

Mr. Mark Detterman, P.G., C.E.G.  
Alameda County Environmental Health (ACEH)  
1131 Harbor Bay Parkway, Suite 250  
Alameda, California 94502-6577

Re: First Semi-Annual 2011  
Groundwater Monitoring and Sampling Report  
Former Chevron Service Station 9-2506  
2630 Broadway  
Oakland, California  
Case No. RO0000146

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Dear Mr. Detterman:

Conestoga-Rovers & Associates (CRA) is submitting the attached *Groundwater Monitoring and Sampling Report* (report) to ACEH on behalf of Chevron Environmental Management Company (Chevron) for the site referenced above. The report (prepared by Gettler-Ryan Inc. and dated April 19, 2011) presents the results of the first semi-annual 2011 monitoring event. Wells B-1, B-3, and B-5 through B-9 are sampled semi-annually during the first and third quarters, and wells B-10 through B-12 are sampled annually during the first quarter. Also attached are Figure 1 (Vicinity Map) showing the site location, and Figure 2 (Concentration Map) presenting the first semi-annual 2011 analytical results along with a rose diagram.

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Equal  
Employment Opportunity  
Employer

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**CONESTOGA-ROVERS  
& ASSOCIATES**

June 6, 2011

Reference No. 611962

- 2 -

Please contact James Kiernan at (916) 889-8917 if you have any questions or require additional information.

Sincerely,

CONESTOGA-ROVERS & ASSOCIATES



James P. Kiernan, P.E.

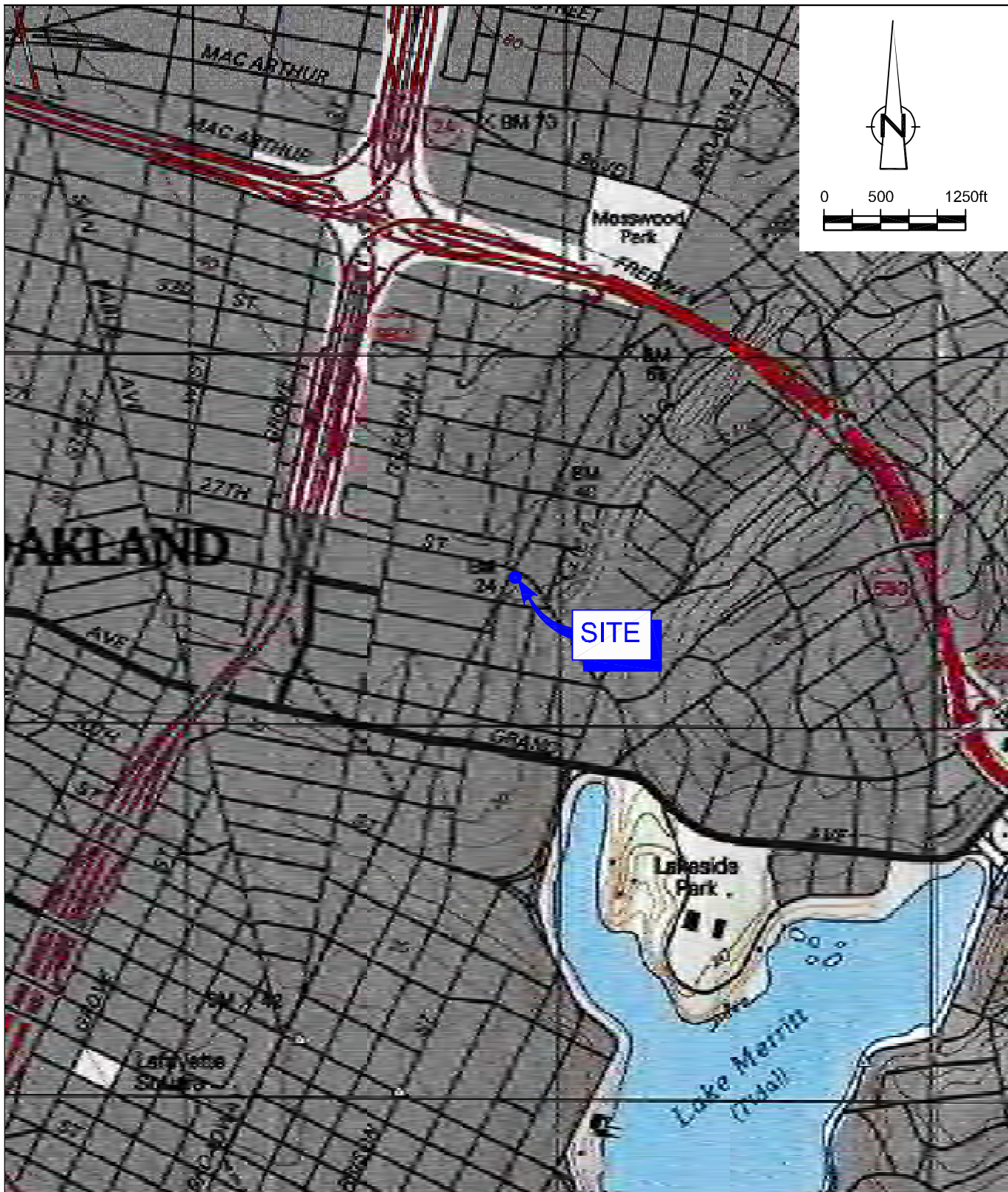
JK/aa/9  
Encl.

Figure 1      Vicinity Map  
Figure 2      Concentration Map

Attachment A      Groundwater Monitoring and Sampling Report

cc:      Ms. Olivia Skance, Chevron (electronic copy only)  
         Mr. Steve Simi, Steve & Cecilia Simi, Trustees of TDK Trust

## FIGURES



SOURCE: TOPOI MAPS.

Figure 1  
 VICINITY MAP  
 FORMER CHEVRON STATION 9-2506  
 2630 BROADWAY  
 Oakland, California



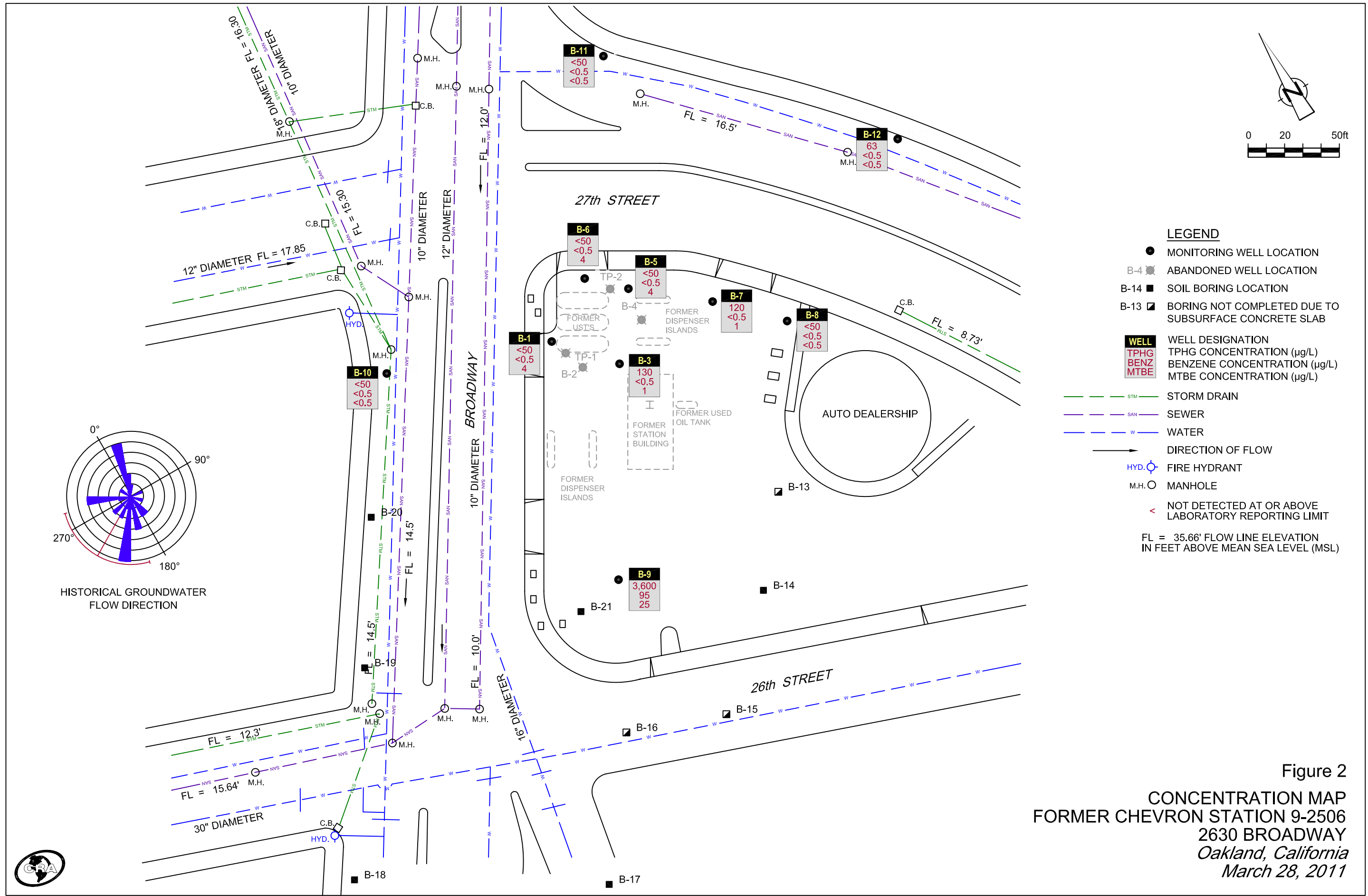


Figure 2  
 CONCENTRATION MAP  
 FORMER CHEVRON STATION 9-2506  
 2630 BROADWAY  
 Oakland, California  
 March 28, 2011

ATTACHMENT A

GROUNDWATER MONITORING AND SAMPLING REPORT



# GETTLER - RYAN INC.



April 19, 2011  
G-R Job #385203

Ms. Stacie H. Frerichs  
Chevron Environmental Management Company  
6111 Bollinger Canyon Road, Room 3596  
San Ramon, CA 94583

**RE: First Semi-Annual Event of March 28, 2011**  
Groundwater Monitoring & Sampling Report  
Former Chevron Service Station #9-2506  
2630 Broadway  
Oakland, California

Dear Ms. Frerichs:

This report documents the most recent groundwater monitoring and sampling event performed by Gettler-Ryan Inc. (G-R) at the referenced site. All field work was conducted in accordance with G-R Standard Operating Procedure - Groundwater Sampling (attached).

Static groundwater levels were measured and the wells were checked for the presence of separate-phase hydrocarbons. Static water level data, groundwater elevations, and separate-phase hydrocarbon thickness (if any) are presented in the attached Table 1. A Potentiometric Map is included as Figure 1.

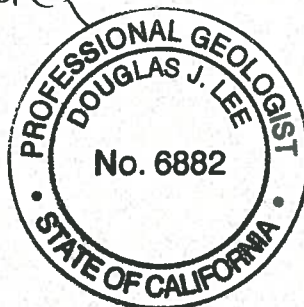
Groundwater samples were collected from the monitoring wells and submitted to a state certified laboratory for analyses. The field data sheets for this event are attached. Analytical results are presented in the table(s) listed below. The chain of custody document and laboratory analytical report are also attached. All groundwater and decontamination water generated during sampling activities was removed from the site, per the Standard Operating Procedure.

Please call if you have any questions or comments regarding this report. Thank you.

Sincerely,

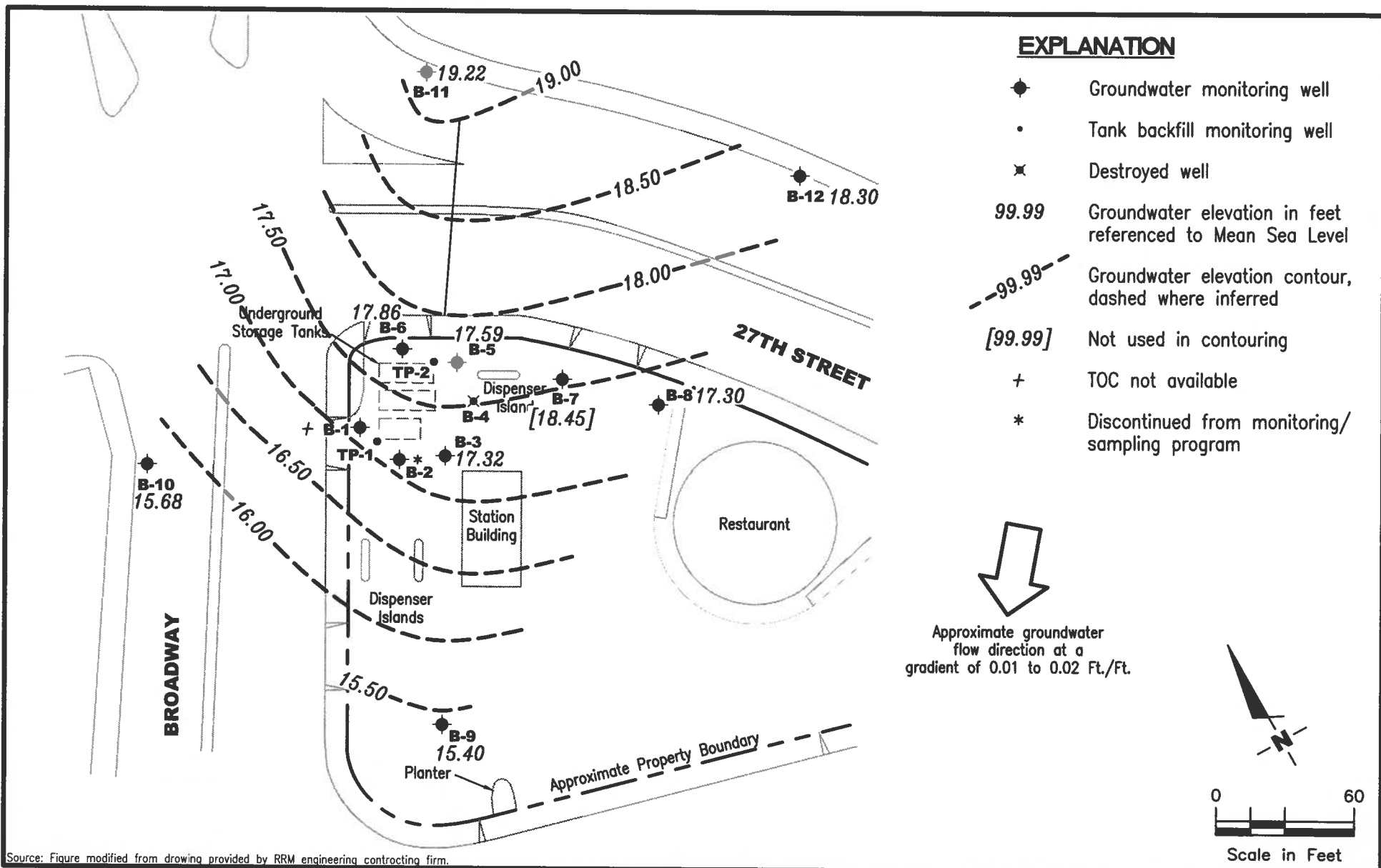
Deanna L. Harding  
Project Coordinator

Douglas J. Lee  
Senior Geologist, P.G. No. 6882



- Figure 1: Potentiometric Map
- Table 1: Groundwater Monitoring Data and Analytical Results
- Table 2: Groundwater Analytical Results - Oxygenate Compounds
- Attachments: Standard Operating Procedure - Groundwater Sampling  
Field Data Sheets  
Chain of Custody Document and Laboratory Analytical Reports





Source: Figure modified from drawing provided by RRM engineering contracting firm.

**GETTLER - RYAN INC.**  
 6747 Sierra Court, Suite J  
 Dublin, CA 94568 (925) 551-7555

**POTENTIOMETRIC MAP**  
 Former Chevron Service Station #9-2506  
 2630 Broadway  
 Oakland, California

FIGURE

1

PROJECT NUMBER  
 385203

REVIEWED BY

DATE  
 March 28, 2011

REVISED DATE

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Service Station #9-2506  
2630 Broadway  
Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH REMOVED (gallons)	TPH- GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
<b>B-1</b>											
03/18/82	23.00	15.19	7.81	--	--	--	--	--	--	--	--
03/25/82	23.00	14.33	8.67	--	--	--	--	--	--	--	--
05/21/82	23.00	13.70	9.30	--	--	--	--	--	--	--	--
05/26/82	23.00	12.82	10.18	--	--	--	--	--	--	--	--
06/24/82	23.00	13.08	9.92	--	--	--	--	--	--	--	--
09/09/93	23.00	13.10	9.90	--	--	8,800 <sup>1</sup>	240	280	<2.5	<7.5	--
12/02/93	23.00	13.90	9.10	--	--	1,100	100	7.9	3.4	3.9	--
03/17/94	23.00	13.59	9.41	--	--	1,600	370	13	13	26	--
06/10/94	23.00	13.11	9.89	--	--	1,400	270	24	18	78	--
09/15/94	23.00	11.76	11.24	--	--	4,100	740	<5.0	270	300	--
12/28/94	25.67	16.42	9.25	--	--	1,200	200	32	37	79	--
03/29/95	25.67	17.35	8.32	--	--	13,000	540	54	77	120	--
06/05/95	25.67	15.95	9.72	--	--	3,000	610	<25	<25	<25	--
09/21/95	25.67	14.75	10.92	--	--	630 <sup>1</sup>	5.4	<0.5	1.3	6.1	--
12/22/95	25.67	15.53	10.14	--	--	<50	<0.5	<0.5	<0.5	<0.5	40,000
03/22/96	25.67	16.84	8.83	--	--	<1,200 <sup>1</sup>	150	<12	<12	<12	32,000
09/25/96	25.67	14.87	10.80	--	--	28,000 <sup>1</sup>	19	<12	<12	<12	38,000
03/06/97	25.67	16.52	9.15	--	--	<5,000	52	<50	<50	<50	18,000
09/12/97	25.67	14.95	10.72	--	--	89	<0.5	0.54	<0.5	1.3	9,200
04/02/98	25.67	16.41	9.26	--	--	<5,000	110	<50	<50	<50	25,000
09/15/98	25.67	15.15	10.52	--	--	<5,000	270	<50	<50	<60	51,000
03/09/99	25.69	17.44	8.25	--	--	418	27.2	<0.5	2.12	2.23	20,000/27,000 <sup>4</sup>
07/29/99 <sup>5</sup>	25.69	15.24	10.45	--	--	--	--	--	--	--	--
09/15/99	25.69	12.49	13.20	--	--	<2,000	<20	<20	<20	<20	37,000
03/01/00	25.69	14.24	11.45	--	--	308	<0.5	<0.5	<0.5	<0.5	23,000
08/31/00 <sup>7</sup>	25.69	13.31	12.38	0.00	0.00	<500	<5.00	<5.00	<5.00	<5.00	20,600
03/09/01 <sup>7</sup>	25.69	16.93	8.76	0.00	0.00	<1,000	<10.0	<10.0	<10.0	<10.0	15,600
09/21/01 <sup>7</sup>	25.69	13.84	11.85	0.00	0.00	350	0.89	<0.50	<0.50	<1.5	9,500/9,400 <sup>12</sup>
08/21/02 <sup>7</sup>	25.69	13.79	11.90	0.00	0.00	200	<0.50	<0.50	<0.50	<1.5	6,500/6,500 <sup>12</sup>
03/11/03 <sup>7</sup>	25.69	14.16	11.53	0.00	0.00	310	0.76	<0.50	<0.50	<1.5	7,000/7,400 <sup>12</sup>
09/05/03 <sup>7,13</sup>	25.69	13.34	12.35	0.00	0.00	260	<5	<5	<5	<5	4,600
03/12/04 <sup>13,15</sup>	-- <sup>14</sup>	-- <sup>14</sup>	10.59	0.00	0.00	210	<1	<1	<1	<1	3,900
08/30/04 <sup>13</sup>	-- <sup>14</sup>	-- <sup>14</sup>	11.20	0.00	0.00	440	<5	<5	<5	<5	4,500
03/04/05 <sup>13</sup>	-- <sup>14</sup>	-- <sup>14</sup>	9.31	0.00	0.00	200	10	<0.5	<0.5	<0.5	450

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Service Station #9-2506  
2630 Broadway  
Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH REMOVED (gallons)	TPH- GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
<b>B-1 (cont)</b>											
09/01/05 <sup>13</sup>	-- <sup>14</sup>	-- <sup>14</sup>	10.67	0.00	0.00	360	<0.5	<0.5	<0.5	<0.5	260
03/20/06 <sup>13</sup>	-- <sup>14</sup>	-- <sup>14</sup>	9.32	0.00	0.00	320	10	<0.5	<0.5	<0.5	27
09/13/06 <sup>13</sup>	-- <sup>14</sup>	-- <sup>14</sup>	18.87	0.00	0.00	240	<0.5	<0.5	<0.5	<0.5	2
02/26/07	INACCESSIBLE- VEHICLE PARKED OVER WELL				--	--	--	--	--	--	--
09/07/07 <sup>13</sup>	NP -- <sup>14</sup>	-- <sup>14</sup>	10.95	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	1
03/11/08 <sup>13</sup>	-- <sup>14</sup>	-- <sup>14</sup>	10.14	0.00	0.00	69	4	<0.5	<0.5	<0.5	10
09/12/08 <sup>13</sup>	NP -- <sup>14</sup>	-- <sup>14</sup>	11.45	0.00	0.00	83	<0.5	0.8	<0.5	1	0.8
03/31/09 <sup>13</sup>	NP -- <sup>14</sup>	-- <sup>14</sup>	10.40	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	7
09/24/09 <sup>13</sup>	-- <sup>14</sup>	-- <sup>14</sup>	11.20	0.00	0.00	54	<0.5	<0.5	<0.5	<0.5	2
03/17/10 <sup>13</sup>	-- <sup>14</sup>	-- <sup>14</sup>	9.56	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	2
09/27/10 <sup>13</sup>	-- <sup>14</sup>	-- <sup>14</sup>	11.38	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	1
03/28/11 <sup>13</sup>	-- <sup>14</sup>	-- <sup>14</sup>	<b>9.08</b>	<b>0.00</b>	<b>0.00</b>	<b>&lt;50</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>4</b>
<b>B-3</b>											
03/18/82	21.78	16.13	5.65	--	--	--	--	--	--	--	--
03/25/82	21.78	16.03	5.75	--	--	--	--	--	--	--	--
05/21/82	21.78	16.20	5.58	--	--	--	--	--	--	--	--
05/26/82	21.78	13.79	7.99	--	--	--	--	--	--	--	--
06/24/82	21.78	14.10	7.68	--	--	--	--	--	--	--	--
09/09/93	21.78	15.79	5.99	--	--	7,800	500	760	180	720	--
12/02/93	21.78	16.08	5.70	--	--	9,800	790	870	380	1,500	--
03/17/94	21.78	15.28	6.50	--	--	2,400	88	55	74	270	--
06/10/94	21.78	14.55	7.23	--	--	2,300	110	95	84	240	--
09/15/94	21.78	12.62	9.16	--	--	5,000	670	9.3	340	410	--
12/28/94	24.35	17.91	6.44	--	--	4,100	650	34	320	440	--
03/29/95	24.35	18.88	5.47	--	--	3,300	170	2.2	51	8.9	--
06/05/95	24.35	17.30	7.05	--	--	2,500	850	31	170	85	--
09/21/95	24.35	15.43	8.92	--	--	2,900 <sup>1</sup>	1,300	280	140	100	--
12/22/95	24.35	15.82	8.53	--	--	5,400 <sup>1</sup>	340	37	150	460	8,600
03/22/96	24.35	18.37	5.98	--	--	2,200	79	50	58	200	1,600
09/25/96	24.35	15.33	9.02	--	--	11,000	530	97	74	400	7,200
03/06/97	24.35	17.64	6.71	--	--	<500	20	<5.0	<5.0	<5.0	420
09/12/97	24.35	15.04	9.31	--	--	<500 <sup>1</sup>	<5.0	<5.0	<5.0	<5.0	1,900

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Service Station #9-2506  
2630 Broadway  
Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (mst)	DTW (ft.)	SPHT (ft.)	SPH REMOVED (gallons)	TPH- GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	
<b>B-3 (cont)</b>												
04/02/98	24.35	17.02	7.33	--	--	110	8.3	0.79	4.0	7.4	590	
09/15/98 <sup>3</sup>	24.35	15.73	8.62	--	--	100	<0.5	<0.5	<0.5	<0.6	940	
03/09/99	24.43	18.97	5.46	--	--	<50	<0.5	<0.5	<0.5	<0.5	25.2/31.6 <sup>4</sup>	
07/29/99 <sup>5</sup>	24.43	15.51	8.92	--	--	--	--	--	--	--	--	
09/15/99	24.43	14.43	10.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	1,300	
03/01/00 <sup>6</sup>	24.43	16.88	7.55	--	0.40	--	--	--	--	--	--	
08/31/00 <sup>7</sup>	24.43	13.90	10.53	0.00	0.00	<50.0	<0.500	<0.500	<0.500	<0.500	3,230	
03/09/01 <sup>7</sup>	24.43	19.37	5.06	0.00	0.00	<250	<2.50	<2.50	<2.50	<2.50	3,370	
09/21/01	24.43	UNABLE TO LOCATE - PAVED OVER				--	--	--	--	--	--	
08/21/02	24.43	UNABLE TO LOCATE - PAVED OVER				--	--	--	--	--	--	
03/11/03	24.43	16.06	8.37	0.00	0.00	NOT SAMPLED - DUE TO INSUFFICIENT WATER				--	--	
09/05/03 <sup>13</sup>	24.43	14.98	9.45	0.00	0.00	420	<5	<5	<5	<5	4,900	
03/12/04 <sup>13</sup>	24.43	16.95	7.48	0.00	0.00	470	3	1	<1	4	1,800	
08/30/04 <sup>13</sup>	24.43	14.60	9.83	0.00	0.00	600	<5	<5	<5	<5	5,800	
03/04/05 <sup>13</sup>	24.43	17.36	7.07	0.00	0.00	320	2	0.8	0.5	3	370	
09/01/05 <sup>13</sup>	24.43	15.61	8.82	0.00	0.00	290	<1	<1	<1	<1	1,100	
03/20/06 <sup>13</sup>	24.43	17.71	6.72	0.00	0.00	140	<0.5	12	<0.5	<0.5	76	
09/13/06 <sup>13</sup>	24.43	15.22	9.21	0.00	0.00	130	<0.5	<0.5	<0.5	<0.5	150	
02/26/07 <sup>13</sup>	24.43	15.95	8.48	0.00	0.00	220	<0.5	<0.5	<0.5	<0.5	39	
09/07/07 <sup>13</sup>	24.43	15.12	9.31	0.00	0.00	380	<0.5	0.8	<0.5	1	28	
03/11/08 <sup>13</sup>	24.43	16.54	7.89	0.00	0.00	170	<0.5	<0.5	<0.5	<0.5	8	
09/12/08 <sup>13</sup>	NP	24.43	14.31	10.12	0.00	0.00	370	<0.5	0.7	<0.5	0.7	8
03/31/09 <sup>13</sup>	NP	24.43	16.22	8.21	0.00	0.00	830	7	0.7	1	11	21
09/24/09 <sup>13</sup>	24.43	14.73	9.70	0.00	0.00	530	0.9	<0.5	<0.5	0.7	12	
03/17/10 <sup>13</sup>	24.43	17.12	7.31	0.00	0.00	120	<0.5	<0.5	<0.5	<0.5	2	
09/27/10 <sup>13</sup>	24.43	14.37	10.06	0.00	0.00	540	<0.5	0.6	<0.5	2	10	
03/28/11 <sup>13</sup>	24.43	17.32	7.11	0.00	0.00	130	<0.5	<0.5	<0.5	<0.5	1	
<b>B-5</b>												
03/18/82	21.53	16.40	5.13	--	--	--	--	--	--	--	--	
03/25/82	21.53	16.26	5.27	--	--	--	--	--	--	--	--	
05/21/82	21.53	17.13	4.40	--	--	--	--	--	--	--	--	
05/26/82	21.53	13.98	7.55	--	--	--	--	--	--	--	--	

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Service Station #9-2506  
2630 Broadway  
Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH REMOVED (gallons)	TPH- GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	
<b>B-5 (cont)</b>												
06/24/82	21.53	14.26	7.27	--	--	--	--	--	--	--	--	
09/09/93	21.53	15.08	6.45	--	--	110,000	1,800	1,800	6,300	25,000	--	
12/02/93	21.53	16.40	5.13	--	--	81,000	4,400	3,800	6,700	28,000	--	
03/17/94	21.53	14.98	6.55	--	--	38,000	2,100	3,100	1,800	9,100	--	
06/10/94	21.53	14.19	7.34	--	--	110,000	5,100	7,000	5,400	27,000	--	
09/15/94	21.53	15.19	6.34	--	--	2,700	770	15	240	320	--	
12/28/94	24.23	17.68	6.55	--	--	94,000	4,600	10,000	4,400	19,000	--	
03/29/95	24.23	18.64	5.59	--	--	59,000	1,500	3,100	2,100	8,100	--	
06/05/95	24.23	17.04	7.19	--	--	58,000	2,300	4,300	2,600	11,000	--	
09/21/95	24.23	15.13	9.10	--	--	3,500 <sup>1</sup>	300	30	260	330	--	
12/22/95	24.23	15.62	8.61	--	--	6,500 <sup>1</sup>	370	120	400	870	5,500	
03/22/96	24.23	18.21	6.02	--	--	13,000	410	1,000	750	2,900	5,400	
09/25/96	24.23	15.03	9.20	--	--	8,000	170	<5.0	140	110	7,200	
03/06/97	24.23	17.60	6.63	--	--	60,000	630	320	2,300	9,500	4,700	
09/12/97	24.23	15.93	8.30	--	--	1,400	66	<10	59	24	3,300	
04/02/98	24.23	17.00	7.23	--	--	1,000 <sup>1</sup>	5.9	2.1	18	5.1	470	
09/15/98	24.23	15.70	8.53	--	--	11,000	250	<100	290	740	4,600	
03/09/99	24.23	18.79	5.44	--	--	51,900	598	623	3,070	11,400	2,250/2,970 <sup>4</sup>	
07/29/99 <sup>5</sup>	24.23	16.13	8.10	--	--	--	--	--	--	--	--	
09/15/99	24.23	14.27	9.96	--	--	3,500	210	39	63	230	6,300	
03/01/00	24.23	18.09	6.14	--	--	32,400	238	110	1,710	6,500	1,300	
08/31/00 <sup>7</sup>	24.23	15.25	8.98	0.00	0.00	4,730 <sup>8</sup>	55.5	<5.00	246	613	2,420	
03/09/01	24.24	UNABLE TO LOCATE - WELL COVERED WITH DIRT AND ROCKS							--	--	--	--
09/21/01 <sup>7</sup>	24.24	14.61	9.63	0.00	0.00	1,400	9.1	<0.50	6.2	24	1,700/1,600 <sup>12</sup>	
08/21/02 <sup>7</sup>	24.24	14.93	9.31	0.00	0.00	1,800	2.7	<0.50	12	3.7	330/320 <sup>12</sup>	
03/11/03 <sup>7</sup>	24.24	15.98	8.26	0.00	0.00	1,900	3.8	<0.50	72	30	550/620 <sup>12</sup>	
09/05/03 <sup>7,13</sup>	24.24	12.79	11.45	0.00	0.00	770	1	<0.5	4	0.9	420	
03/12/04 <sup>13,15</sup>	24.24	16.93	7.31	0.00	0.00	3,000	2	0.7	87	76	49	
08/30/04 <sup>13</sup>	24.24	14.52	9.72	0.00	0.00	2,500	9	1	20	19	130	
03/04/05 <sup>13</sup>	24.24	17.60	6.64	0.00	0.00	590	0.5	<0.5	1	1	22	
09/01/05 <sup>13</sup>	24.24	15.48	8.76	0.00	0.00	1,500	2	<0.5	28	2	39	
03/20/06 <sup>13</sup>	24.24	17.63	6.61	0.00	0.00	1,200	0.6	<0.5	8	2	19	
09/13/06 <sup>13</sup>	24.24	14.87	9.37	0.00	0.00	830	1	<0.5	12	1	18	
02/26/07 <sup>13</sup>	24.24	15.22	9.02	0.00	0.00	320	<0.5	<0.5	<0.5	<0.5	12	

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Service Station #9-2506  
2630 Broadway  
Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (mst)	DTW (ft.)	SPHT (ft.)	SPH REMOVED (gallons)	TPH- GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
<b>B-5 (cont)</b>											
09/07/07 <sup>13</sup>	24.24	15.02	9.22	0.00	0.00	720	<0.5	<0.5	<0.5	<0.5	16
03/11/08 <sup>13</sup>	24.24	16.53	7.71	0.00	0.00	2,700	2	<0.5	11	1	20
09/12/08 <sup>13</sup>	24.24	14.33	9.91	0.00	0.00	440	0.9	<0.5	<0.5	<0.5	18
03/31/09 <sup>13</sup>	24.24	16.29	7.95	0.00	0.00	530	0.6	<0.5	<0.5	<0.5	12
09/24/09 <sup>13</sup>	24.24	14.49	9.75	0.00	0.00	250	<0.5	<0.5	<0.5	<0.5	13
03/17/10 <sup>13</sup>	24.24	16.96	7.28	0.00	0.00	210	<0.5	<0.5	<0.5	<0.5	8
09/27/10 <sup>13</sup>	24.24	14.12	10.12	0.00	0.00	650	0.6	<0.5	1	0.5	8
03/28/11 <sup>13</sup>	24.24	17.59	6.65	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	4
<b>B-6</b>											
03/18/82	22.03	14.47	7.56	--	--	--	--	--	--	--	--
03/25/82	22.03	15.95	6.08	--	--	--	--	--	--	--	--
05/21/82	22.03	17.18	4.85	--	--	--	--	--	--	--	--
05/26/82	22.03	13.72	8.31	--	--	--	--	--	--	--	--
06/24/82	22.03	14.00	8.03	--	--	--	--	--	--	--	--
09/09/93	22.03	13.91	8.12	--	--	6,800 <sup>1</sup>	<0.5	<0.5	<0.5	<1.5	--
12/02/93	22.03	14.97	7.06	--	--	320	29	<0.5	<0.5	<0.5	--
03/17/94	22.03	14.46	7.57	--	--	570	130	6.2	4.7	14	--
06/10/94	22.03	13.82	8.21	--	--	1,500	100	81	51	240	--
09/15/94	22.03	12.09	9.94	--	--	6,400	900	24	490	620	--
12/28/94	24.72	17.27	7.45	--	--	350	110	4.4	3.7	14	--
03/29/95	24.72	18.32	6.40	--	--	3,300	46	<0.5	1.3	1.2	--
06/05/95	24.72	16.65	8.07	--	--	230	<0.5	<0.5	<0.5	<0.5	--
09/21/95	24.72	15.17	9.55	--	--	<50 <sup>1</sup>	<0.5	<0.5	<0.5	<0.5	--
12/22/95	24.72	15.81	8.91	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/22/96	24.72	17.78	6.94	--	--	<1,200 <sup>1</sup>	<12	<12	<12	<12	15,000
09/25/96	24.72	15.09	9.63	--	--	15,000 <sup>1</sup>	<10	<10	<10	<10	18,000
03/06/97	24.72	17.22	7.50	--	--	<5,000	<50	<50	<50	<50	18,000
09/12/97	24.72	15.02	9.70	--	--	<100 <sup>1</sup>	<1.0	<1.0	<1.0	<1.0	1,300
04/02/98	24.72	16.91	7.81	--	--	<500	17	<5.0	<5.0	<5.0	5,800
09/15/98	24.72	15.69	9.03	--	--	210	<1.0	<1.0	<1.0	<1.2	8,800
03/09/99	25.16	18.49	6.67	--	--	<50	<0.5	<0.5	<0.5	<0.5	18.5/18.4 <sup>4</sup>
07/29/99 <sup>5</sup>	25.16	15.91	9.25	--	--	--	--	--	--	--	--

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Service Station #9-2506  
2630 Broadway  
Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (mst)	DTW (ft.)	SPHT (ft.)	SPH REMOVED (gallons)	TPH- GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
<b>B-6 (cont)</b>											
09/15/99	25.16	DRY	--	--	--	--	--	--	--	--	--
03/01/00	25.16	18.70	6.46	--	--	UNABLE TO SAMPLE		--	--	--	--
08/31/00 <sup>7</sup>	25.16	DRY	--	--	--	--	--	--	--	--	--
03/09/01	25.11	19.25	5.86	0.00	0.00	<50.0	<0.500	<0.500	<0.500	<0.500	49.7
09/21/01 <sup>11</sup>	25.11	DRY	--	--	--	--	--	--	--	--	--
08/21/02 <sup>7</sup>	25.11	DRY	--	--	--	--	--	--	--	--	--
03/11/03 <sup>7</sup>	25.11	16.24	8.87	0.00	0.00	NOT SAMPLED - DUE TO INSUFFICIENT WATER					--
09/05/03 <sup>7</sup>	25.11	DRY	--	--	--	--	--	--	--	--	--
03/12/04 <sup>15</sup>	25.11	16.98	8.13	0.00	0.00	NOT SAMPLED - DUE TO INSUFFICIENT WATER					--
08/30/04	25.11	DRY	--	--	--	--	--	--	--	--	--
03/04/05 <sup>13</sup>	25.11	17.66	7.45	0.00	0.00	110	<3	<3	<3	<3	2,200
09/01/05	25.11	DRY AT 8.93 FEET		--	--	--	--	--	--	--	--
03/20/06 <sup>13</sup>	25.11	17.68	7.43	0.00	0.00	81	<0.5	<0.5	<0.5	<0.5	2,000
09/13/06	25.11	OBSTRUCTION IN WELL AT 9.17 FEET				--	--	--	--	--	--
02/26/07	25.11	DRY	--	--	--	--	--	--	--	--	--
09/07/07	25.11	DRY	--	--	--	--	--	--	--	--	--
03/11/08	25.11	16.53	8.58	0.00	0.00	NOT SAMPLED DUE TO INSUFFICIENT WATER					--
09/12/08	25.11	DRY	--	--	--	--	--	--	--	--	--
03/31/09	25.11	-- <sup>16</sup>	8.79	0.00	0.00	NOT SAMPLED DUE TO INSUFFICIENT WATER					--
09/24/09	25.11	DRY	--	--	--	--	--	--	--	--	--
03/17/10 <sup>10</sup>	25.11	16.96	8.15	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	10
09/27/10	25.11	DRY	--	--	--	--	--	--	--	--	--
03/28/11 <sup>13</sup>	25.11	17.86	7.25	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	4
<b>B-7</b>											
03/18/82	19.54	15.46	4.08	--	--	--	--	--	--	--	--
03/25/82	19.54	15.54	4.00	--	--	--	--	--	--	--	--
05/21/82	19.54	16.54	3.00	--	--	--	--	--	--	--	--
05/26/82	19.54	14.58	4.96	--	--	--	--	--	--	--	--
06/24/82	19.54	14.64	4.90	--	--	--	--	--	--	--	--
09/09/93	19.54	13.00	6.54	--	--	230	1.3	2.3	0.6	2.1	--
12/02/93	19.54	13.34	6.20	--	--	190	4.7	<0.5	1.1	1.9	--
03/17/94	19.54	14.35	5.19	--	--	320	15	3.3	1.0	3.0	--

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**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Service Station #9-2506  
2630 Broadway  
Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (mst)	DTW (ft.)	SPHT (ft.)	SPH REMOVED (gallons)	TPH- GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
<b>B-7 (cont)</b>											
06/10/94	19.54	13.57	5.97	--	--	210	6.1	5.7	2.3	5.8	--
09/15/94	19.54	11.76	7.78	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/28/94	22.22	17.18	5.04	--	--	520	17	4.8	2.5	2.1	--
03/29/95	22.22	17.87	4.35	--	--	420	6.0	2.3	1.8	0.9	--
06/05/95	22.22	16.43	5.79	--	--	65	<0.5	<0.5	<0.5	<0.5	--
09/21/95	22.22	14.67	7.55	--	--	<50 <sup>1</sup>	<0.5	<0.5	<0.5	<0.5	--
12/22/95	22.22	13.06	9.16	--	--	<50	<0.5	<0.5	<0.5	<0.5	930
03/22/96	22.22	17.62	4.60	--	--	300	1.0	0.5	<0.5	0.6	280
09/25/96	22.22	14.24	7.98	--	--	310 <sup>1</sup>	<0.5	0.6	<0.5	0.8	420
03/06/97	22.22	17.16	5.06	--	--	1,200	9.0	<0.5	<0.5	2.9	1,000
09/12/97	22.22	14.37	7.85	--	--	<500 <sup>1</sup>	<5.0	<5.0	<5.0	<5.0	3,500
04/02/98	22.22	17.90	4.32	--	--	<500	26	1.0	9.0	20	2,200
09/15/98	22.22	15.24	6.98	--	--	330	<0.5	<0.5	<0.5	<0.6	1,200
03/09/99	22.19	17.99	4.20	--	--	607	18.1	<5.0	<5.0	5.64	3,080/5,070 <sup>4</sup>
07/29/99 <sup>5</sup>	22.19	15.39	6.80	--	--	--	--	--	--	--	--
09/15/99	22.19	12.70	9.49	--	--	150	<0.5	<0.5	<0.5	0.64	1,100
03/01/00	22.19	17.22	4.97	--	--	230	<0.5	<0.5	<0.5	<0.5	557
08/31/00 <sup>7</sup>	22.19	14.71	7.48	0.00	0.00	<50.0	<0.500	<0.500	<0.500	<0.500	85.7
03/09/01 <sup>7</sup>	22.18	18.54	3.64	0.00	0.00	235 <sup>9</sup>	<0.500	<0.500	<0.500	<0.500	236
09/21/01 <sup>7</sup>	22.18	14.35	7.83	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5/<2 <sup>12</sup>
08/21/02 <sup>7</sup>	22.18	14.90	7.28	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	2.6/2 <sup>12</sup>
03/11/03 <sup>7</sup>	22.18	16.31	5.87	0.00	0.00	260	0.80	<0.50	<0.50	<1.5	22/19 <sup>12</sup>
09/05/03 <sup>7,13</sup>	22.18	14.24	7.94	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	3
03/12/04 <sup>13,15</sup>	22.18	17.40	4.78	0.00	0.00	430	<0.5	<0.5	<0.5	<0.5	10
08/30/04 <sup>13</sup>	22.18	12.93	9.25	0.00	0.00	72	<0.5	<0.5	<0.5	<0.5	33
03/04/05 <sup>13</sup>	22.18	18.48	3.70	0.00	0.00	290	<0.5	<0.5	<0.5	<0.5	10
09/01/05 <sup>13</sup>	22.18	15.20	6.98	0.00	0.00	110	<0.5	<0.5	<0.5	<0.5	21
03/20/06 <sup>13</sup>	22.18	18.20	3.98	0.00	0.00	110	<0.5	<0.5	<0.5	<0.5	4
09/13/06 <sup>13</sup>	22.18	14.81	7.37	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	29
02/26/07 <sup>13</sup>	22.18	17.47	4.71	0.00	0.00	130	<0.5	<0.5	<0.5	<0.5	7
09/07/07 <sup>13</sup>	22.18	14.87	7.31	0.00	0.00	75	<0.5	<0.5	<0.5	<0.5	28
03/11/08 <sup>13</sup>	22.18	16.90	5.28	0.00	0.00	110	<0.5	<0.5	<0.5	<0.5	15
09/12/08 <sup>13</sup>	22.18	13.81	8.37	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	32
03/31/09 <sup>13</sup>	22.18	17.13	5.05	0.00	0.00	490	<0.5	<0.5	<0.5	<0.5	3



**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Service Station #9-2506  
2630 Broadway  
Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (mst)	DTW (ft.)	SPHT (ft.)	SPH REMOVED (gallons)	TPH- GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
<b>B-7 (cont)</b>											
09/24/09 <sup>13</sup>	22.18	14.64	7.54	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	18
03/17/10 <sup>13</sup>	22.18	17.49	4.69	0.00	0.00	330	<0.5	<0.5	<0.5	<0.5	2
09/27/10 <sup>13</sup>	22.18	14.36	7.82	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	9
03/28/11 <sup>13</sup>	22.18	18.45	3.73	0.00	0.00	120	<0.5	<0.5	<0.5	<0.5	1
<b>B-8</b>											
03/18/82	18.49	14.22	4.27	--	--	--	--	--	--	--	--
03/25/82	18.49	14.43	4.06	--	--	--	--	--	--	--	--
05/21/82	18.49	13.63	4.86	--	--	--	--	--	--	--	--
05/26/82	18.49	13.53	4.96	--	--	--	--	--	--	--	--
06/24/82	18.49	13.62	4.87	--	--	--	--	--	--	--	--
09/09/93	18.49	13.29	5.20	--	--	<50	3.4	<0.5	<0.5	<1.5	--
12/02/93	18.49	13.18	5.31	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/17/94	18.49	13.62	4.87	--	--	<50	1.7	0.5	<0.5	0.6	--
06/10/94	18.49	12.86	5.63	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/15/94	18.49	11.39	7.10	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/28/94	21.01	16.38	4.63	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/29/95	21.01	16.81	4.20	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/05/95	21.01	15.83	5.18	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/21/95	21.01	14.21	6.80	--	--	<50 <sup>1</sup>	<0.5	<0.5	<0.5	<0.5	--
12/22/95	21.01	14.53	6.48	--	--	<50	<0.5	<0.5	<0.5	<0.5	190
03/22/96	21.01	16.52	4.49	--	--	<50	<0.5	<0.5	<0.5	<0.5	86
09/25/96	21.01	13.83	7.18	--	--	90 <sup>1</sup>	<0.5	<0.5	<0.5	1.0	110
03/06/97	21.01	INACCESSIBLE		--	--	--	--	--	--	--	--
09/12/97	21.01	INACCESSIBLE		--	--	--	--	--	--	--	--
04/02/98	21.01	16.79	4.22	--	--	<50	<0.5	<0.5	<0.5	<0.5	56
09/15/98	21.01	14.03	6.98	--	--	<50	<0.5	<0.5	<0.5	<0.6	54
03/09/99	20.99	17.30	3.69	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
09/15/99	20.99	13.60	7.39	--	--	<50	<0.5	<0.5	<0.5	<0.5	52
03/01/00	20.99	17.43	3.56	--	--	<50	<0.5	<0.5	<0.5	<0.5	20.4
08/31/00	20.99	13.90	7.09	0.00	0.00	<50.0	<0.500	<0.500	<0.500	<0.500	29.3
03/09/01	21.00	UNABLE TO LOCATE - WELL COVERED WITH DIRT				--	--	--	--	--	--
09/21/01	21.01	UNABLE TO LOCATE - WELL COVERED WITH DIRT				--	--	--	--	--	--

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**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Service Station #9-2506  
2630 Broadway  
Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (mst)	DTW (ft.)	SPHT (ft.)	SPH REMOVED (gallons)	TPH- GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
<b>B-8 (cont)</b>											
08/21/02	21.01	14.01	7.00	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	12/11 <sup>12</sup>
03/11/03	21.01	15.26	5.75	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	5.3/4 <sup>12</sup>
09/05/03 <sup>13</sup>	21.01	13.98	7.03	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	9
03/12/04 <sup>13</sup>	21.01	16.49	4.52	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	4
08/30/04 <sup>13</sup>	21.01	13.43	7.58	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	10
03/04/05 <sup>13</sup>	21.01	17.86	3.15	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	2
09/01/05 <sup>13</sup>	21.01	14.53	6.48	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	7
03/20/06 <sup>13</sup>	21.01	17.49	3.52	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	2
09/13/06 <sup>13</sup>	21.01	14.20	6.81	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	5
02/26/07 <sup>13</sup>	21.01	16.82	4.19	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	1
09/07/07 <sup>13</sup>	21.01	14.50	6.51	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	2
03/11/08 <sup>13</sup>	21.01	16.11	4.90	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	1
09/12/08 <sup>13</sup>	21.01	13.23	7.78	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	4
03/31/09 <sup>13</sup>	21.01	16.05	4.96	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	1
09/24/09 <sup>13</sup>	21.01	14.20	6.81	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	5
03/17/10 <sup>13</sup>	21.01	16.60	4.41	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/27/10 <sup>13</sup>	21.01	13.66	7.35	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	6
03/28/11 <sup>13</sup>	21.01	17.30	3.71	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
<b>B-9</b>											
08/04/94	--	14.08	11.53	--	--	650	4.4	2.4	6.3	14	--
11/02/94	--	16.19	9.42	--	--	--	--	--	--	--	--
12/28/94	25.61	17.26	8.35	--	--	2,400	290	8.4	90	36	--
03/29/95	25.61	18.18	7.43	--	--	5,900	540	24	200	84	--
06/05/95	25.61	17.14	8.47	--	--	3,000	130	<25	<25	<25	--
09/21/95	25.61	16.62	8.99	--	--	240 <sup>1</sup>	1,500	14	62	55	--
12/22/95	25.61	16.41	9.20	--	--	1,800	170	6.6	59	20	<6.0
03/22/96	25.61	17.77	7.84	--	--	2,400	230	6.2	77	9.7	9.2
09/25/96	25.61	16.37	9.24	--	--	1,800	28	4.7	39	13	56
03/06/97	25.61	17.15	8.46	--	--	3,400	68	3.3	45	18	47
09/12/97	25.61	16.46	9.15	--	--	560	13	7.9	5.8	16	67
04/02/98	25.61	17.68	7.93	--	--	2,500 <sup>1</sup>	93	14	15	39	30
09/15/98 <sup>3</sup>	25.61	16.54	9.07	--	--	1,400	<0.5	<0.5	<0.5	<0.6	69

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Service Station #9-2506  
2630 Broadway  
Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH REMOVED (gallons)	TPH- GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
<b>B-9 (cont)</b>											
03/09/99	22.93	16.05	6.88	--	--	1,160	133	10.1	7.5	3.27	178
07/29/99 <sup>5</sup>	22.93	14.05	8.88	--	--	--	--	--	--	--	--
09/15/99	22.93	13.38	9.55	--	--	62	2.4	<0.5	<0.5	0.93	140
03/01/00	22.93	16.28	6.65	--	--	335	16.5	0.649	1.49	1.15	132
08/31/00 <sup>7</sup>	22.93	13.59	9.34	0.00	0.00	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00
03/09/01 <sup>7</sup>	22.93	16.58	6.35	0.00	0.00	1,840 <sup>10</sup>	66.8	<2.00	7.61	7.42	<20.0
09/21/01	22.93	UNABLE TO LOCATE - PAVED OVER			--	--	--	--	--	--	--
08/21/02 <sup>7</sup>	22.93	13.55	9.38	0.00	0.00	280	4.6	<0.50	0.75	1.6	31/37 <sup>12</sup>
03/11/03 <sup>7</sup>	22.93	14.02	8.91	0.00	0.00	830	36	2.6	<2.5	<7.5	100/71 <sup>12</sup>
09/05/03 <sup>7,13</sup>	22.93	13.52	9.41	0.00	0.00	520	8	<0.5	<0.5	<0.5	50
03/12/04 <sup>13,15</sup>	22.93	14.57	8.36	0.00	0.00	1,000	66	3	2	11	56
08/30/04 <sup>13</sup>	22.93	13.61	9.32	0.00	0.00	2,100	180	7	8	6	70
03/04/05 <sup>13</sup>	22.93	15.98	6.95	0.00	0.00	2,800	160	6	6	9	79
09/01/05 <sup>13</sup>	22.93	14.10	8.83	0.00	0.00	4,000	90	5	6	9	94
03/20/06 <sup>13</sup>	22.93	15.93	7.00	0.00	0.00	2,800	110	4	4	6	77
09/13/06 <sup>13</sup>	22.93	13.96	8.97	0.00	0.00	4,700	75	4	6	7	64
02/26/07 <sup>13</sup>	22.93	15.22	7.71	0.00	0.00	2,800	67	3	6	4	50
09/07/07 <sup>13</sup>	22.93	13.97	8.96	0.00	0.00	3,400	28	2	2	4	27
03/11/08 <sup>13</sup>	22.93	14.61	8.32	0.00	0.00	1,800	14	0.6	2	1	42
09/12/08 <sup>13</sup>	22.93	13.68	9.25	0.00	0.00	3,700	17	2	2	1	36
03/31/09 <sup>13</sup>	22.93	15.22	7.71	0.00	0.00	4,400	66	7	5	8	33
09/24/09 <sup>13</sup>	22.93	13.90	9.03	0.00	0.00	5,000	47	6	7	6	28
03/17/10 <sup>13</sup>	22.93	15.22	7.71	0.00	0.00	3,200	40	5	5	5	28
09/27/10	22.93	13.51	9.42	0.00	0.00	2,800	6	2	2	1	33
03/28/11 <sup>13</sup>	22.93	15.40	7.53	0.00	0.00	3,600	95	9	11	9	25
<b>B-10</b>											
08/04/94	--	12.20	10.95	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
11/02/94	--	11.96	11.19	--	--	--	--	--	--	--	--
12/28/94	23.15	12.85	10.30	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/29/95	23.15	13.47	9.68	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/05/95	23.15	12.56	10.59	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/21/95	23.15	12.28	10.87	--	--	<50	<0.5	<0.5	<0.5	<0.5	--

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Service Station #9-2506  
2630 Broadway  
Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (mst)	DTW (ft.)	SPHT (ft.)	SPH REMOVED (gallons)	TPH- GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
<b>B-10 (cont)</b>											
12/22/95	23.15	12.74	10.41	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.6
03/22/96	23.15	13.04	10.11	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
09/25/96	23.15	13.00	10.15	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
03/06/97	23.15	13.17	9.98	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
09/12/97	23.15	12.25	10.90	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/02/98	23.15	12.97	10.18	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/15/98 <sup>3</sup>	23.15	12.24	10.91	--	--	<50	<0.5	<0.5	<0.5	<0.6	<10
03/09/99	25.56	INACCESSIBLE		--	--	--	--	--	--	--	--
03/19/99	25.56	15.51	10.05	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/15/99	25.56	14.80	10.76	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/01/00	25.56	15.78	9.78	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
08/31/00	25.56	14.88	10.68	0.00	0.00	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00
03/09/01	25.56	15.53	10.03	0.00	0.00	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00
09/21/01	25.56	14.79	10.77	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5/<2 <sup>12</sup>
08/21/02	25.56	15.00	10.56	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5/<2 <sup>12</sup>
03/11/03	25.56	14.97	10.59	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5/<0.5 <sup>12</sup>
09/05/03 <sup>13</sup>	25.56	14.69	10.87	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/12/04 <sup>13</sup>	25.56	14.98	10.58	0.00	0.00	<50	<0.5	<0.5	0.7	6	0.5
08/30/04 <sup>13</sup>	25.56	15.07	10.49	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/04/05 <sup>13</sup>	25.56	15.53	10.03	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/01/05 <sup>13</sup>	25.56	14.94	10.62	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/20/06 <sup>13</sup>	25.56	16.31	9.25	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/13/06 <sup>13</sup>	25.56	14.68	10.88	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
02/26/07 <sup>13</sup>	25.56	15.21	10.35	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/07/07 <sup>13</sup>	25.56	14.75	10.81	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/11/08 <sup>13</sup>	25.56	14.70	10.86	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/12/08 <sup>13</sup>	25.56	14.38	11.18	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/31/09 <sup>13</sup>	25.56	14.63	10.93	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/24/09 <sup>13</sup>	25.56	14.48	11.08	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/17/10 <sup>13</sup>	25.56	15.17	10.39	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/27/10	25.56	14.25	11.31	0.00	0.00	SAMPLED ANNUALLY		--	--	--	--
03/28/11 <sup>13</sup>	25.56	15.68	9.88	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Service Station #9-2506  
2630 Broadway  
Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (mst)	DTW (ft.)	SPHT (ft.)	SPH REMOVED (gallons)	TPH- GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
<b>B-11</b>											
08/04/94	--	14.84	10.39	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
11/02/94	--	13.73	11.50	--	--	--	--	--	--	--	--
12/28/94	25.23	16.14	9.09	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/29/95	25.23	17.83	7.40	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/05/95	25.23	16.97	8.26	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/21/95	25.23	15.44	9.79	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/22/95	25.23	15.68	9.55	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.6
03/22/96	25.23	17.88	7.35	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
09/25/96	25.23	15.02	10.21	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
03/06/97	25.23	17.47	7.76	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
09/12/97	25.23	15.15	10.08	--	--	<50	<0.5	<0.5	<0.5	<0.5	2.5
04/02/98	25.23	18.30	6.93	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/15/98	25.23	16.07	9.16	--	--	<50	0.82	1.5	<0.5	2.0	<10
03/09/99	25.27	18.39	6.88	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
09/15/99	25.27	15.58	9.69	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/01/00	25.27	18.85	6.42	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
08/31/00	25.27	15.97	9.30	0.00	0.00	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00
03/09/01	25.27	18.72	6.55	0.00	0.00	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00
09/21/01	25.27	15.21	10.06	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5/<2 <sup>12</sup>
08/21/02	25.27	15.80	9.47	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5/<2 <sup>12</sup>
03/11/03	25.27	16.72	8.55	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5/<0.5 <sup>12</sup>
09/05/03 <sup>13</sup>	25.27	15.16	10.11	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/12/04 <sup>13</sup>	25.27	17.75	7.52	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
08/30/04 <sup>13</sup>	25.27	14.51	10.76	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/04/05 <sup>13</sup>	25.27	18.40	6.87	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/01/05 <sup>13</sup>	25.27	16.06	9.21	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/20/06 <sup>13</sup>	25.27	22.85	2.42	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/13/06 <sup>13</sup>	25.27	15.65	9.62	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
02/26/07 <sup>13</sup>	25.27	17.28	7.99	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/07/07 <sup>13</sup>	25.27	15.23	10.04	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/11/08 <sup>13</sup>	25.27	17.41	7.86	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/12/08 <sup>13</sup>	25.27	14.42	10.85	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/31/09 <sup>13</sup>	25.27	17.52	7.75	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Service Station #9-2506  
2630 Broadway  
Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (mst)	DTW (ft.)	SPHT (ft.)	SPH REMOVED (gallons)	TPH- GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
<b>B-11 (cont)</b>											
09/24/09 <sup>13</sup>	25.27	15.11	10.16	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/17/10 <sup>13</sup>	25.27	18.03	7.24	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/27/10	25.27	14.84	10.43	0.00	0.00	SAMPLED ANNUALLY		--	--	--	--
03/28/11 <sup>13</sup>	25.27	19.22	6.05	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
<b>B-12</b>											
08/04/94	--	13.99	6.41	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
11/02/94	--	11.65	8.75	--	--	--	--	--	--	--	--
12/28/94	20.40	17.64	2.76	--	--	74	1.0	2.6	1.3	4.4	--
03/29/95	20.40	17.94	2.46	--	--	210	<0.5	<0.5	0.7	1.6	--
06/05/95	20.40	15.81	4.59	--	--	<50	<0.5	<0.5	<0.5	0.7	--
09/21/95	20.40	13.04	7.36	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/22/95	20.40	16.44	3.96	--	--	140 <sup>1</sup>	<0.5	<0.5	<0.5	0.93	<0.6
03/22/96	20.40	17.48	2.92	--	--	150	<0.5	0.8	<0.5	2.0	<5.0
09/25/96	20.40	12.56	7.84	--	--	90	<0.5	<0.5	<0.5	<0.5	<5.0
03/06/97	20.40	17.23	3.17	--	--	270 <sup>1</sup>	<0.5	<0.5	<0.5	<0.5	<5.0
09/12/97	20.40	13.59	6.81	--	--	130 <sup>1</sup>	<1.0	<1.0	<1.0	<1.0	<5.0
04/02/98	20.40	18.26	2.14	--	--	110 <sup>1</sup>	1.2	<0.5	<0.5	<0.5	12
09/15/98	20.40	14.07	6.33	--	--	130	<0.5	<0.5	<0.5	<0.6	<10
03/09/99	20.40	17.95	2.45	--	--	1,380	<10	<10	<10	<10	<100
09/15/99	20.40	13.69	6.71	--	--	320	<0.5	<0.5	<0.5	1.1	<2.5
03/01/00	20.40	17.55	2.85	--	--	206	<1.0	<1.0	<1.0	<1.0	<5.0
08/31/00	20.40	13.90	6.50	0.00	0.00	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00
03/09/01	20.40	INACCESSIBLE - VEHICLE PARKED OVER WELL				--	--	--	--	--	--
09/21/01	20.41	12.78	7.63	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5/<2 <sup>12</sup>
08/21/02	20.41	13.99	6.42	0.00	0.00	58	<0.50	<0.50	<0.50	<1.5	<2.5/<2 <sup>12</sup>
03/11/03	20.41	17.00	3.41	0.00	0.00	84	<0.50	<0.50	<0.50	<1.5	<2.5/<0.5 <sup>12</sup>
09/05/03 <sup>13</sup>	20.41	13.48	6.93	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/12/04 <sup>13</sup>	20.41	17.68	2.73	0.00	0.00	120	<0.5	<0.5	<0.5	1	<0.5
08/30/04 <sup>13</sup>	20.41	12.73	7.68	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/04/05 <sup>13</sup>	20.41	18.33	2.08	0.00	0.00	86	<0.5	<0.5	<0.5	<0.5	<0.5
09/01/05	20.41	INACCESSIBLE - VEHICLE PARKED OVER WELL				--	--	--	--	--	--

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Service Station #9-2506  
2630 Broadway  
Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msf)	DTW (ft.)	SPHT (ft.)	SPH REMOVED (gallons)	TPH- GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
<b>B-12 (cont)</b>											
03/20/06 <sup>13</sup>	20.41	13.76	6.65	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/13/06 <sup>13</sup>	20.41	14.26	6.15	0.00	0.00	270	<0.5	<0.5	11	<0.5	<0.5
02/26/07 <sup>13</sup>	20.41	17.37	3.04	0.00	0.00	100	<0.5	<0.5	2	<0.5	<0.5
09/07/07 <sup>13</sup>	20.41	14.28	6.13	0.00	0.00	100	<0.5	<0.5	2	<0.5	<0.5
03/11/08 <sup>13</sup>	20.41	17.44	2.97	0.00	0.00	85	<0.5	<0.5	<0.5	<0.5	<0.5
09/12/08 <sup>13</sup>	20.41	13.17	7.24	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/31/09 <sup>13</sup>	20.41	17.78	2.63	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/24/09 <sup>13</sup>	20.41	14.49	5.92	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/17/10 <sup>13</sup>	20.41	18.26	2.15	0.00	0.00	98	<0.5	<0.5	<0.5	<0.5	<0.5
09/27/10	20.41	14.23	6.18	0.00	0.00	SAMPLED ANNUALLY		--	--	--	--
03/28/11 <sup>13</sup>	20.41	18.30	2.11	0.00	0.00	63	<0.5	<0.5	<0.5	<0.5	<0.5
<b>TP-1</b>											
09/09/93	--	--	7.33	--	--	8,500	770	890	120	590	--
NOT MONITORED/SAMPLED											
<b>TP-2</b>											
09/09/93	--	--	6.18	--	--	13,000	2,400	3,200	380	1,900	--
NOT MONITORED/SAMPLED											
<b>B-2</b>											
03/18/82	22.28	18.45	3.83	--	--	--	--	--	--	--	--
03/25/82	22.28	16.49	5.79	--	--	--	--	--	--	--	--
05/21/82	22.28	17.43	4.85	--	--	--	--	--	--	--	--
05/26/82	22.28	13.75	8.53	--	--	--	--	--	--	--	--
06/24/82	22.28	13.88	8.40	--	--	--	--	--	--	--	--
09/09/93	22.28	15.82	6.46	--	--	4,700	470	630	180	590	--
12/02/93	22.28	16.87	5.41	--	--	2,200	59	27	110	350	--
03/17/94	22.28	14.84	7.44	--	--	1,800	52	33	97	320	--
06/10/94	22.28	14.13	8.15	--	--	1,200	37	48	20	93	--
09/15/94	22.28	12.28	10.00	--	--	4,900	710	12	340	450	--

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Service Station #9-2506  
2630 Broadway  
Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (mst)	DTW (ft.)	SPHT (ft.)	SPH REMOVED (gallons)	TPH- GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
<b>B-2 (cont)</b>											
12/28/94	25.13	17.81	7.32	--	--	2,600	63	49	56	370	--
03/09/95 <sup>2</sup>	--	--	--	--	--	--	--	--	--	--	--
03/09/01 <sup>2</sup>	25.11	--	--	--	--	--	--	--	--	--	--
NOT MONITORED/SAMPLED											
<b>B-4</b>											
03/18/82	21.35	16.70	4.65	--	--	--	--	--	--	--	--
03/25/82	21.35	16.27	5.08	--	--	--	--	--	--	--	--
05/21/82	21.35	--	--	SPH	--	--	--	--	--	--	--
05/26/82	21.35	12.14	9.21	--	--	--	--	--	--	--	--
06/24/82	21.35	13.13	8.22	SPH	--	--	--	--	--	--	--
09/09/93	21.35	15.26	6.09	--	--	88,000	3,200	16,000	2,000	9,500	--
12/02/93	21.35	15.81	5.54	--	--	110,000	3,600	25,000	2,800	15,000	--
03/17/94	21.35	15.35	6.00	--	--	60,000	1,400	16,000	1,800	8,900	--
06/10/94	21.35	14.48	6.87	--	--	25,000	770	880	190	1,100	--
09/15/94	21.35	12.61	8.74	--	--	3,300	800	8.0	300	350	--
12/28/94	24.11	18.37	5.74	--	--	17,000	400	4,000	630	2,900	--
03/29/95 <sup>2</sup>	--	--	--	--	--	--	--	--	--	--	--
DESTROYED											
<b>BAILER BLANK</b>											
09/09/93	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--
12/02/93	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/17/94	--	--	--	--	--	<50	<0.5	<0.5	<0.5	0.6	--
<b>TRIP BLANK</b>											
09/09/93	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--
12/02/93	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/17/94	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/10/94	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/15/94	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/28/94	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/29/95	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/05/95	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--



**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Service Station #9-2506  
2630 Broadway  
Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (mst)	DTW (ft.)	SPHT (ft.)	SPH REMOVED (gallons)	TPH- GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
09/21/95	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/22/95	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.6
03/22/96	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
09/25/96	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
03/06/97	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
09/12/97	--	--	--	--	--	<50	<0.5	0.55	<0.5	<0.5	<2.5
04/02/98	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/15/98	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.6	<10
03/09/99	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
09/15/99	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	4.5
03/01/00	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
08/31/00	--	--	--	--	--	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00
03/09/01	--	--	--	--	--	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00
09/21/01	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
<b>QA</b>											
08/21/02	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
03/11/03	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
09/05/03 <sup>13</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/12/04 <sup>13</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
08/30/04 <sup>13</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/04/05 <sup>13</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/01/05 <sup>13</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/20/06 <sup>13</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/13/06 <sup>13</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
02/26/07 <sup>13</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/07/07 <sup>13</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/11/08 <sup>13</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/12/08 <sup>13</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/31/09 <sup>13</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
DISCONTINUED											

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Service Station #9-2506  
2630 Broadway  
Oakland, California

**EXPLANATIONS:**

Groundwater monitoring data and laboratory analytical results prior to August 31, 2000, were compiled from reports prepared by Blaine Tech Services, Inc.

TOC = Top of Casing (ft.) = Feet	SPH = Separate Phase Hydrocarbons	X = Xylenes
GWE = Groundwater Elevation (msl) = Mean sea level	TPH = Total Petroleum Hydrocarbons	MTBE = Methyl Tertiary Butyl Ether
DTW = Depth to Water	GRO = Gasoline Range Organics	(µg/L) = Micrograms per liter
SPHT = Separate Phase Hydrocarbon Thickness	B = Benzene	-- = Not Measured/Not Analyzed
	T = Toluene	QA = Quality Assurance/Trip Blank
	E = Ethylbenzene	NP = No Purge

- \* TOC elevations were surveyed on December 27, 2000, by Virgil Chavez Land Surveying. The benchmark for the survey was a City of Oakland benchmark, being a disc in a monument well in the sidewalk on Broadway, near the southwest corner of the site. (Benchmark Elevation = 24.182 feet, msl).
- 1 Chromatogram pattern indicated an unidentified hydrocarbon.
- 2 Well removed from monitoring program January 11, 1995, per approval of Alameda County Health Services.
- 3 Well analyzed for Semi-Volatile Organics Compounds (SVOCs). All compounds were not detected (ND).
- 4 Confirmation run.
- 5 ORC installed.
- 6 Free product encountered during purge.
- 7 ORC in well.
- 8 Laboratory report indicates gasoline C6-C12.
- 9 Laboratory report indicates unidentified hydrocarbons C6-C12.
- 10 Laboratory report indicates weathered gasoline C6-C12.
- 11 Removed and replaced ORC in well.
- 12 MTBE by EPA Method 8260.
- 13 BTEX and MTBE by EPA Method 8260.
- 14 TOC has been altered; unable to determine GWE.
- 15 Removed ORC from well.
- 16 Insufficient water to determine GWE.

**Table 2**  
**Groundwater Analytical Results - Oxygenate Compounds**  
Former Chevron Service Station #9-2506  
2630 Broadway  
Oakland, California

WELL ID	DATE	ETHANOL (µg/L)	TBA (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	
B-1	09/21/01	--	3,200	9,400	<2	21	130	<2	<2	
	08/21/02	--	1,400	6,500	<3.0	16	85	<3.0	<3.0	
	03/11/03	--	1,800	7,400	<3	18	100	<3	<3	
	09/05/03	<500	1,100	4,600	<5	16	69	<5	<5	
	03/12/04	<100	1,100	3,900	<1	15	60	<1	<1	
	08/30/04	<500	1,000	4,500	<5	15	63	<5	<5	
	03/04/05	<50	2,500	450	<0.5	11	5	<0.5	<0.5	
	09/01/05	<50	1,900	260	<0.5	10	2	<0.5	<0.5	
	03/20/06	<50	1,200	27	<0.5	7	<0.5	<0.5	<0.5	
	09/13/06	<50	1,500	2	<0.5	5	<0.5	<0.5	<0.5	
	02/26/07	INACCESSIBLE - VEHICLE PARKED OVER WELL					--	--	--	--
	09/07/07	<50	400	1	<0.5	3	<0.5	<0.5	<0.5	
	03/11/08	<50	720	10	<0.5	7	<0.5	<0.5	<0.5	
	09/12/08	<50	680	0.8	<0.5	5	<0.5	<0.5	<0.5	
	03/31/09	<50	300	7	<0.5	4	<0.5	<0.5	<0.5	
	09/24/09	<50	560	2	<0.5	5	<0.5	<0.5	<0.5	
	03/17/10	--	160	2	<0.5	3	<0.5	<0.5	<0.5	
	09/27/10	--	200	1	<0.5	2	<0.5	<0.5	<0.5	
03/28/11	--	4	4	<0.5	0.6	<0.5	<0.5	<0.5		
B-3	09/21/01	UNABLE TO LOCATE - PAVED OVER			--	--	--	--	--	
	08/21/02	UNABLE TO LOCATE - PAVED OVER			--	--	--	--	--	
	03/11/03	NOT SAMPLED - DUE TO INSUFFICIENT WATER			--	--	--	--	--	
	09/05/03	<500	1,200	4,900	<5	22	64	<5	<5	
	03/12/04	<100	580	1,800	<1	6	29	<1	<1	
	08/30/04	<500	1,100	5,800	<5	21	75	<5	<5	
	03/04/05	<50	340	370	<0.5	2	5	<0.5	<0.5	
	09/01/05	<100	1,100	1,100	<1	7	15	<1	<1	
	03/20/06	<50	150	76	<0.5	0.6	1	<0.5	<0.5	
	09/13/06	<50	2,100	150	<0.5	8	2	<0.5	<0.5	
	02/26/07	<50	1,700	39	<0.5	4	0.9	<0.5	<0.5	
	09/07/07	<50	1,800	28	<0.5	6	0.6	<0.5	<0.5	
	03/11/08	<50	370	8	<0.5	1	<0.5	<0.5	<0.5	
	09/12/08	<50	3,000	8	<0.5	10	<0.5	<0.5	<0.5	
03/31/09	<50	1,100	21	<0.5	4	0.7	<0.5	<0.5		
09/24/09	<50	2,500	12	<0.5	8	<0.5	<0.5	<0.5		

**Table 2**  
**Groundwater Analytical Results - Oxygenate Compounds**  
Former Chevron Service Station #9-2506  
2630 Broadway  
Oakland, California

WELL ID	DATE	ETHANOL (µg/L)	TBA (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	
B-3 (cont)	03/17/10	--	130	2	<0.5	<0.5	<0.5	<0.5	<0.5	
	09/27/10	--	1,400	10	<0.5	5	0.6	<0.5	<0.5	
	03/28/11	--	86	1	<0.5	<0.5	<0.5	<0.5	<0.5	
B-5	09/21/01	--	210	1,600	<2	39	25	<2	<2	
	08/21/02	--	<100	320	<2	8	4	<2	<2	
	03/11/03	--	20	620	<0.5	13	7	<0.5	<0.5	
	09/05/03	<50	11	420	<0.5	11	5	<0.5	<0.5	
	03/12/04	<50	<5	49	<0.5	1	0.6	<0.5	<0.5	
	08/30/04	<50	<5	130	<0.5	4	2	<0.5	<0.5	
	03/04/05	<50	<5	22	<0.5	0.6	<0.5	<0.5	<0.5	
	09/01/05	<50	<5	39	<0.5	1	0.6	<0.5	<0.5	
	03/20/06	<50	<5	19	<0.5	0.5	<0.5	<0.5	<0.5	
	09/13/06	<50	13	18	<0.5	0.9	<0.5	<0.5	<0.5	
	02/26/07	<50	5	12	<0.5	<0.5	<0.5	<0.5	<0.5	
	09/07/07	<50	98	16	<0.5	5	<0.5	<0.5	<0.5	
	03/11/08	<50	7	20	<0.5	1	0.5	<0.5	<0.5	
	09/12/08	<50	12	18	<0.5	1	<0.5	<0.5	<0.5	
	03/31/09	<50	10	12	<0.5	<0.5	<0.5	<0.5	<0.5	
	09/24/09	<50	9	13	<0.5	1	<0.5	<0.5	<0.5	
	03/17/10	--	3	8	<0.5	<0.5	<0.5	<0.5	<0.5	
	09/27/10	--	7	8	<0.5	0.8	<0.5	<0.5	<0.5	
	03/28/11	--	<2	4	<0.5	<0.5	<0.5	<0.5	<0.5	
B-6	09/21/01	DRY	--	--	--	--	--	--	--	
	08/21/02	DRY	--	--	--	--	--	--	--	
	03/11/03	NOT SAMPLED - DUE TO INSUFFICIENT WATER								
	09/05/03	NOT SAMPLED - DUE TO INSUFFICIENT WATER								
	08/30/04	DRY	--	--	--	--	--	--	--	
	03/04/05	<250	<25	2,200	<3	32	24	<3	<3	
	09/01/05	DRY AT 8.93 FEET								
	03/20/06	<50	<5	2,000	<0.5	30	23	<0.5	<0.5	
	09/13/06	OBSTRUCTION IN WELL AT 9.17 FEET								
	02/26/07	DRY	--	--	--	--	--	--	--	
	09/07/07	DRY	--	--	--	--	--	--	--	
03/11/08	NOT SAMPLED - DUE TO INSUFFICIENT WATER									

**Table 2**  
**Groundwater Analytical Results - Oxygenate Compounds**  
Former Chevron Service Station #9-2506  
2630 Broadway  
Oakland, California

WELL ID	DATE	ETHANOL (µg/L)	TBA (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)
<b>B-6 (cont)</b>	09/12/08	DRY	--	--	--	--	--	--	--
	03/31/09	NOT SAMPLED - DUE TO INSUFFICIENT WATER							
	09/24/09	DRY	--	--	--	--	--	--	--
	03/17/10	--	<2	10	<0.5	17	<0.5	<0.5	<0.5
	09/27/10	DRY	--	--	--	--	--	--	--
	<b>03/28/11</b>	--	<2	<b>4</b>	<b>&lt;0.5</b>	<b>13</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>
<b>B-7</b>	09/21/01	--	<100	<2	<2	<2	<2	<2	<2
	08/21/02	--	<100	2	<2	<2	<2	<2	<2
	03/11/03	--	<5	19	<0.5	<0.5	0.6	<0.5	<0.5
	09/05/03	<50	<5	3	<0.5	<0.5	<0.5	<0.5	<0.5
	03/12/04	<50	<5	10	<0.5	<0.5	<0.5	<0.5	<0.5
	08/30/04	<50	<5	33	<0.5	<0.5	<0.5	<0.5	<0.5
	03/04/05	<50	<5	10	<0.5	<0.5	<0.5	<0.5	<0.5
	09/01/05	<50	<5	21	<0.5	<0.5	<0.5	<0.5	<0.5
	03/20/06	<50	<5	4	<0.5	<0.5	<0.5	<0.5	<0.5
	09/13/06	<50	<5	29	<0.5	<0.5	<0.5	<0.5	<0.5
	02/26/07	<50	<2	7	<0.5	<0.5	<0.5	<0.5	<0.5
	09/07/07	<50	<2	28	<0.5	<0.5	<0.5	<0.5	<0.5
	03/11/08	<50	<2	15	<0.5	<0.5	<0.5	<0.5	<0.5
	09/12/08	<50	<2	32	<0.5	<0.5	<0.5	<0.5	<0.5
	03/31/09	<50	<2	3	<0.5	<0.5	<0.5	<0.5	<0.5
	09/24/09	<50	<2	18	<0.5	<0.5	<0.5	<0.5	<0.5
	03/17/10	--	<2	2	<0.5	<0.5	<0.5	<0.5	<0.5
09/27/10	--	<2	9	<0.5	<0.5	<0.5	<0.5	<0.5	
<b>03/28/11</b>	--	<2	<b>1</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	
<b>B-8</b>	09/21/01	--	UNABLE TO LOCATE - WELL COVERED WITH DIRT				--	--	--
	08/21/02	--	<100	11	<2	<2	<2	<2	
	03/11/03	--	<5	4	<0.5	<0.5	<0.5	<0.5	
	09/05/03	<50	<5	9	<0.5	<0.5	<0.5	<0.5	
	03/12/04	<50	<5	4	<0.5	<0.5	<0.5	<0.5	
	08/30/04	<50	<5	10	<0.5	<0.5	<0.5	<0.5	
	03/04/05	<50	<5	2	<0.5	<0.5	<0.5	<0.5	
	09/01/05	<50	<5	7	<0.5	<0.5	<0.5	<0.5	
	03/20/06	<50	<5	2	<0.5	<0.5	<0.5	<0.5	

**Table 2**  
**Groundwater Analytical Results - Oxygenate Compounds**  
Former Chevron Service Station #9-2506  
2630 Broadway  
Oakland, California

WELL ID	DATE	ETHANOL (µg/L)	TBA (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)
<b>B-8 (cont)</b>	09/13/06	<50	<5	5	<0.5	<0.5	<0.5	<0.5	<0.5
	02/26/07	<50	<2	1	<0.5	<0.5	<0.5	<0.5	<0.5
	09/07/07	<50	<2	2	<0.5	<0.5	<0.5	<0.5	<0.5
	03/11/08	<50	<2	1	<0.5	<0.5	<0.5	<0.5	<0.5
	09/12/08	<50	<2	4	<0.5	<0.5	<0.5	<0.5	<0.5
	03/31/09	<50	<2	1	<0.5	<0.5	<0.5	<0.5	<0.5
	09/24/09	<50	<2	5	<0.5	<0.5	<0.5	<0.5	<0.5
	03/17/10	--	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	09/27/10	--	<2	6	<0.5	<0.5	<0.5	<0.5	<0.5
	<b>03/28/11</b>	--	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
<b>B-9</b>	09/21/01	--	UNABLE TO LOCATE - PAVED OVER			--	--	--	--
	08/21/02	--	<100	37	<2	<2	<2	<2	<2
	03/11/03	--	91	71	<0.5	<0.5	1	<0.5	<0.5
	09/05/03	<50	71	50	<0.5	<0.5	0.8	<0.5	<0.5
	03/12/04	<50	86	56	<0.5	<0.5	0.7	<0.5	<0.5
	08/30/04	<50	160	70	<0.5	<0.5	1	<0.5	<0.5
	03/04/05	<50	130	79	<0.5	<0.5	1	<0.5	<0.5
	09/01/05	<50	130	94	<0.5	<0.5	2	<0.5	<0.5
	03/20/06	<50	110	77	<0.5	<0.5	2	<0.5	<0.5
	09/13/06	<50	130	64	<0.5	<0.5	1	<0.5	<0.5
	02/26/07	<50	100	50	<0.5	<0.5	1	<0.5	<0.5
	09/07/07	<50	130	27	<0.5	<0.5	0.5	<0.5	<0.5
	03/11/08	<50	110	42	<0.5	<0.5	0.9	<0.5	<0.5
	09/12/08	<50	110	36	<0.5	<0.5	0.6	<0.5	<0.5
	03/31/09	<50	96	33	<0.5	<0.5	0.6	<0.5	<0.5
	09/24/09	<50	120	28	<0.5	<0.5	<0.5	<0.5	0.5
03/17/10	--	64	28	<0.5	<0.5	0.6	<0.5	<0.5	
09/27/10	--	98	33	<0.5	<0.5	<0.5	<0.5	<0.5	
<b>03/28/11</b>	--	<b>99</b>	<b>25</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>0.6</b>	
<b>B-10</b>	09/21/01	--	<100	<2	<2	<2	<2	<2	<2
	08/21/02	--	<100	<2	<2	<2	<2	<2	<2
	03/11/03	--	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	09/05/03	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	03/12/04	<50	<5	0.5	<0.5	<0.5	<0.5	<0.5	<0.5

**Table 2**  
**Groundwater Analytical Results - Oxygenate Compounds**  
Former Chevron Service Station #9-2506  
2630 Broadway  
Oakland, California

WELL ID	DATE	ETHANOL (µg/L)	TBA (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)
B-10 (cont)	08/30/04	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	03/04/05	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	09/01/05	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	03/20/06	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	09/13/06	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	02/26/07	<50	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	09/07/07	<50	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	03/11/08	<50	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	09/12/08	<50	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	03/31/09	<50	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	09/24/09	<50	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	03/17/10	--	3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	09/27/10	SAMPLED ANNUALLY		--	--	--	--	--	--
	03/28/11	--	--	<0.5	--	--	--	--	--
B-11	09/21/01	--	<100	<2	<2	<2	<2	<2	<2
	08/21/02	--	<100	<2	<2	<2	<2	<2	<2
	03/11/03	--	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	09/05/03	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	03/12/04	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	08/30/04	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	03/04/05	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	09/01/05	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	03/20/06	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	09/13/06	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	02/26/07	<50	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	09/07/07	<50	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	03/11/08	<50	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	09/12/08	<50	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	03/31/09	<50	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	09/24/09	<50	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
03/17/10	--	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	
09/27/10	SAMPLED ANNUALLY		--	--	--	--	--	--	
03/28/11	--	--	<0.5	--	--	--	--	--	

**Table 2**  
**Groundwater Analytical Results - Oxygenate Compounds**  
Former Chevron Service Station #9-2506  
2630 Broadway  
Oakland, California

WELL ID	DATE	ETHANOL (µg/L)	TBA (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)
B-12	09/21/01	--	<100	<2	<2	<2	<2	<2	<2
	08/21/02	--	<100	<2	<2	<2	<2	<2	<2
	03/11/03	--	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	09/05/03	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	03/12/04	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	08/30/04	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	03/04/05	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	09/01/05	INACCESSIBLE - VEHICLE PARKED OVER WELL				--	--	--	--
	03/20/06	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	09/13/06	<50	16	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	02/26/07	<50	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	09/07/07	<50	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	03/11/08	<50	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	09/12/08	<50	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	03/31/09	<50	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	09/24/09	<50	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	03/17/10	--	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	09/27/10	SAMPLED ANNUALLY		--	--	--	--	--	--
03/28/11	--	--	<0.5	--	--	--	--	--	



**Table 2**  
**Groundwater Analytical Results - Oxygenate Compounds**  
Former Chevron Service Station #9-2506  
2630 Broadway  
Oakland, California

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**EXPLANATIONS:**

TBA = t-Butyl alcohol  
MTBE = Methyl Tertiary Butyl Ether  
DIPE = di-Isopropyl ether  
ETBE = Ethyl t-butyl ether  
TAME = t-Amyl methyl ether

1,2-DCA = 1,2-Dichloroethane  
EDB = 1,2-Dibromoethane  
( $\mu\text{g/L}$ ) = Micrograms per liter  
-- = Not Analyzed

**ANALYTICAL METHOD:**

EPA Method 8260 for Oxygenate Compounds

## STANDARD OPERATING PROCEDURE - GROUNDWATER SAMPLING

Gettler-Ryan Inc. (GR) field personnel adhere to the following procedures for the collection and handling of groundwater samples prior to analysis by the analytical laboratory. All work is performed in accordance with the GR Health & Safety Plan and all client-specific programs. The scope of work and type of analysis to be performed is determined prior to commencing field work.

Prior to sampling, the presence or absence of free-phase hydrocarbons is determined using an interface probe. Product thickness, if present, is measured to the nearest 0.01 foot and is noted in the field notes. In addition, all depth to water level measurements are collected with a static water level indicator and are also recorded in the field notes, prior to purging and sampling any wells.

After water levels are collected and prior to sampling, if purging is to occur, each well is purged a minimum of three well casing volumes of water using pre-cleaned pumps (stack, peristaltic or Grundfos), or disposable bailers. Temperature, pH and electrical conductivity are measured a minimum of three times during the purging (additional parameters such as dissolved oxygen, oxidation reduction potential, turbidity may also be measured, depending on specific scope of work.). Purging continues until these parameters stabilize.

Groundwater samples are collected using disposable bailers. The water samples are transferred from the bailer into appropriate containers. Pre-preserved containers, supplied by analytical laboratories, are used. When pre-preserved containers are not available, the laboratory is instructed to preserve the sample as appropriate. Duplicate samples are collected for the laboratory to use in maintaining quality assurance/quality control standards, as directed by the scope of work. The samples are labeled to include the job number, sample identification, collection date and time, analysis, preservation (if any), and the sample collector's initials. The water samples are placed in a cooler, maintained at 4°C for transport to the laboratory. Once collected in the field, all samples are maintained under chain of custody until delivered to the laboratory.

The chain of custody document includes the job number, type of preservation, if any, analysis requested, sample identification, date and time collected, and the sample collector's name. The chain of custody is signed and dated (including time of transfer) by each person who receives or surrenders the samples, beginning with the field personnel and ending with the laboratory personnel.

As requested by Chevron Environmental Management Company, the purge water and decontamination water generated during sampling activities is transported by IWM to Chemical Waste Management located in Kettleman Hills, California.



# GETTLER-RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-2506 Job Number: 385203  
 Site Address: 2630 Broadway Event Date: 3-28-11 (inclusive)  
 City: Oakland, CA Sampler: Joe

Well ID: B-1 Date Monitored: 3-28-11  
 Well Diameter: 2 in.  
 Total Depth: 29.04 ft.  
 Depth to Water: 9.08 ft.  Check if water column is less than 0.50 ft.  
19.96 xVF 0.17 = 3.39 x3 case volume = Estimated Purge Volume: 10.5 gal.  
 Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 13.07

Volume	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
Factor (VF)	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

### Purge Equipment:

Disposable Bailer   
 Stainless Steel Bailer \_\_\_\_\_  
 Stack Pump \_\_\_\_\_  
 Suction Pump \_\_\_\_\_  
 Grundfos \_\_\_\_\_  
 Peristaltic Pump \_\_\_\_\_  
 QED Bladder Pump \_\_\_\_\_  
 Other: \_\_\_\_\_

### Sampling Equipment:

Disposable Bailer   
 Pressure Bailer \_\_\_\_\_  
 Discrete Bailer \_\_\_\_\_  
 Peristaltic Pump \_\_\_\_\_  
 QED Bladder Pump \_\_\_\_\_  
 Other: \_\_\_\_\_

Time Started: \_\_\_\_\_ (2400 hrs)  
 Time Completed: \_\_\_\_\_ (2400 hrs)  
 Depth to Product: \_\_\_\_\_ ft  
 Depth to Water: \_\_\_\_\_ ft  
 Hydrocarbon Thickness: \_\_\_\_\_ ft  
 Visual Confirmation/Description: \_\_\_\_\_  
 Skimmer / Absorbent Sock (circle one)  
 Amt Removed from Skimmer: \_\_\_\_\_ gal  
 Amt Removed from Well: \_\_\_\_\_ gal  
 Water Removed: \_\_\_\_\_  
 Product Transferred to: \_\_\_\_\_

Start Time (purge): 1132 Weather Conditions: clear  
 Sample Time/Date: 1215 13-28-11 Water Color: clear Odor: Y11  
 Approx. Flow Rate: \_\_\_\_\_ gpm. Sediment Description: none  
 Did well de-water? NO If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal. DTW @ Sampling: 10.11

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - (S))	Temperature (° F)	D.O. (mg/L)	ORP (mV)
<u>1143</u>	<u>3.5</u>	<u>7.29</u>	<u>967</u>	<u>16.2</u>		
<u>1155</u>	<u>8</u>	<u>7.20</u>	<u>1022</u>	<u>16.1</u>		
<u>1206</u>	<u>10.5</u>	<u>7.19</u>	<u>1027</u>	<u>16.4</u>		

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>B-1</u>	<u>x voa vial</u>	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-GRO(8015)/BTEX+MTBE(8260)</u>
	<u>6 x voa vial</u>	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-GRO(8015)/BTEX+MTBE(8260)/ 7 OXYS (8260)</u>

COMMENTS: \_\_\_\_\_

Add/Replaced Lock: \_\_\_\_\_

Add/Replaced Plug: \_\_\_\_\_

Add/Replaced Bolt: \_\_\_\_\_



# GETTLER-RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-2506 Job Number: 385203  
 Site Address: 2630 Broadway Event Date: 3-28-11 (inclusive)  
 City: Oakland, CA Sampler: Joe

Well ID: B-3 Date Monitored: 3-28-11  
 Well Diameter: 2 in.  
 Total Depth: 16.18 ft.  
 Depth to Water: 7.11 ft.  Check if water column is less than 0.50 ft.  
9.07 xVF 0.17 = 1.54 x3 case volume = Estimated Purge Volume: 5 gal.  
 Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 8.92

Volume	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
Factor (VF)	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

**Purge Equipment:**  
 Disposable Bailer   
 Stainless Steel Bailer \_\_\_\_\_  
 Stack Pump \_\_\_\_\_  
 Suction Pump \_\_\_\_\_  
 Grundfos \_\_\_\_\_  
 Peristaltic Pump \_\_\_\_\_  
 QED Bladder Pump \_\_\_\_\_  
 Other: \_\_\_\_\_

**Sampling Equipment:**  
 Disposable Bailer   
 Pressure Bailer \_\_\_\_\_  
 Discrete Bailer \_\_\_\_\_  
 Peristaltic Pump \_\_\_\_\_  
 QED Bladder Pump \_\_\_\_\_  
 Other: \_\_\_\_\_

Time Started: \_\_\_\_\_ (2400 hrs)  
 Time Completed: \_\_\_\_\_ (2400 hrs)  
 Depth to Product: \_\_\_\_\_ ft  
 Depth to Water: \_\_\_\_\_ ft  
 Hydrocarbon Thickness: \_\_\_\_\_ ft  
 Visual Confirmation/Description: \_\_\_\_\_  
 Skimmer / Absorbant Sock (circle one)  
 Amt Removed from Skimmer: \_\_\_\_\_ gal  
 Amt Removed from Well: \_\_\_\_\_ gal  
 Water Removed: \_\_\_\_\_  
 Product Transferred to: \_\_\_\_\_

Start Time (purge): 1438 Weather Conditions: clear  
 Sample Time/Date: 1505 / 3-28-11 Water Color: clear Odor: 01N light  
 Approx. Flow Rate: \_\_\_\_\_ gpm. Sediment Description: none  
 Did well de-water? no If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal. DTW @ Sampling: 7.76

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm) (US)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
<u>1443</u>	<u>1.5</u>	<u>6.95</u>	<u>1068</u>	<u>16.0</u>		
<u>1448</u>	<u>3</u>	<u>7.18</u>	<u>1061</u>	<u>15.7</u>		
<u>1453</u>	<u>5</u>	<u>7.25</u>	<u>1057</u>	<u>16.3</u>		

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>B-3</u>	<u>x voa vial</u>	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-GRO(8015)/BTX+MTBE(8260)</u>
	<u>6 x voa vial</u>	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-GRO(8015)/BTX+MTBE(8260)/ 7 OXYS (8260)</u>

COMMENTS: \_\_\_\_\_

Add/Replaced Lock: \_\_\_\_\_

Add/Replaced Plug: \_\_\_\_\_

Add/Replaced Bolt: \_\_\_\_\_



# GETTLER-RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-2506 Job Number: 385203  
 Site Address: 2630 Broadway Event Date: 3-28-11 (inclusive)  
 City: Oakland, CA Sampler: See

Well ID: B-5 Date Monitored: 3-28-11

Well Diameter: 2 in.

Total Depth: 19.53 ft.

Depth to Water: 6.65 ft.

Volume	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
Factor (VF)	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

Check if water column is less than 0.50 ft.

12.88 x VF 0.17 = 2.19 x3 case volume = Estimated Purge Volume: 6.5 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 9.22

### Purge Equipment:

Disposable Bailer   
 Stainless Steel Bailer \_\_\_\_\_  
 Stack Pump \_\_\_\_\_  
 Suction Pump \_\_\_\_\_  
 Grundfos \_\_\_\_\_  
 Peristaltic Pump \_\_\_\_\_  
 QED Bladder Pump \_\_\_\_\_  
 Other: \_\_\_\_\_

### Sampling Equipment:

Disposable Bailer   
 Pressure Bailer \_\_\_\_\_  
 Discrete Bailer \_\_\_\_\_  
 Peristaltic Pump \_\_\_\_\_  
 QED Bladder Pump \_\_\_\_\_  
 Other: \_\_\_\_\_

Time Started: \_\_\_\_\_ (2400 hrs)  
 Time Completed: \_\_\_\_\_ (2400 hrs)  
 Depth to Product: \_\_\_\_\_ ft  
 Depth to Water: \_\_\_\_\_ ft  
 Hydrocarbon Thickness: \_\_\_\_\_ ft  
 Visual Confirmation/Description: \_\_\_\_\_  
 Skimmer / Absorbent Sock (circle one)  
 Amt Removed from Skimmer: \_\_\_\_\_ gal  
 Amt Removed from Well: \_\_\_\_\_ gal  
 Water Removed: \_\_\_\_\_  
 Product Transferred to: \_\_\_\_\_

Start Time (purge): 1355 Weather Conditions: clear  
 Sample Time/Date: 1425 3-28-11 Water Color: clear Odor: 1 N moderate  
 Approx. Flow Rate: \_\_\_\_\_ gpm. Sediment Description: none  
 Did well de-water? no If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal. DTW @ Sampling: 7.06

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - µS)	Temperature (°F)	D.O. (mg/L)	ORP (mV)
<u>1400</u>	<u>2</u>	<u>6.81</u>	<u>792</u>	<u>16.5</u>		
<u>1407</u>	<u>4</u>	<u>6.85</u>	<u>805</u>	<u>16.4</u>		
<u>1412</u>	<u>6.5</u>	<u>6.88</u>	<u>815</u>	<u>16.2</u>		

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>B-5</u>	<u>x voa vial</u>	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-GRO(8015)/BTEX+MTBE(8260)</u>
	<u>6 x voa vial</u>	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-GRO(8015)/BTEX+MTBE(8260)/ 7 OXYS (8260)</u>

COMMENTS: \_\_\_\_\_

Add/Replaced Lock: \_\_\_\_\_ Add/Replaced Plug: \_\_\_\_\_ Add/Replaced Bolt: \_\_\_\_\_



# GETTLER-RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-2506 Job Number: 385203  
 Site Address: 2630 Broadway Event Date: 3-28-11 (inclusive)  
 City: Oakland, CA Sampler: Joc

Well ID: B-6  
 Well Diameter: 2 in.  
 Total Depth: 9.21 ft.  
 Depth to Water: 7.25 ft.

Date Monitored: 3-28-11

Volume	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
Factor (VF)	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

Check if water column is less than 0.50 ft.

1.96 xVF 0.17 = 0.33 x3 case volume = Estimated Purge Volume: 1 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 7.64

### Purge Equipment:

Disposable Bailer   
 Stainless Steel Bailer \_\_\_\_\_  
 Stack Pump \_\_\_\_\_  
 Suction Pump \_\_\_\_\_  
 Grundfos \_\_\_\_\_  
 Peristaltic Pump \_\_\_\_\_  
 QED Bladder Pump \_\_\_\_\_  
 Other: \_\_\_\_\_

### Sampling Equipment:

Disposable Bailer   
 Pressure Bailer \_\_\_\_\_  
 Discrete Bailer \_\_\_\_\_  
 Peristaltic Pump \_\_\_\_\_  
 QED Bladder Pump \_\_\_\_\_  
 Other: \_\_\_\_\_

Time Started: \_\_\_\_\_ (2400 hrs)  
 Time Completed: \_\_\_\_\_ (2400 hrs)  
 Depth to Product: \_\_\_\_\_ ft  
 Depth to Water: \_\_\_\_\_ ft  
 Hydrocarbon Thickness: \_\_\_\_\_ ft  
 Visual Confirmation/Description: \_\_\_\_\_  
 Skimmer / Absorbant Sock (circle one)  
 Amt Removed from Skimmer: \_\_\_\_\_ gal  
 Amt Removed from Well: \_\_\_\_\_ gal  
 Water Removed: \_\_\_\_\_  
 Product Transferred to: \_\_\_\_\_

Start Time (purge): 1220 Weather Conditions: clear  
 Sample Time/Date: 1242 3-28-11 Water Color: clear Odor: Y1(N)  
 Approx. Flow Rate: \_\_\_\_\_ gpm. Sediment Description: course sandy bottom  
 Did well de-water? no If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal. DTW @ Sampling: 7.49

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - (S))	Temperature (C/F)	D.O. (mg/L)	ORP (mV)
<u>1222</u>	<u>0.3</u>	<u>7.51</u>	<u>1115</u>	<u>15.6</u>		
<u>1225</u>	<u>0.6</u>	<u>7.44</u>	<u>1097</u>	<u>15.7</u>		
<u>1230</u>	<u>1.0</u>	<u>7.40</u>	<u>1113</u>	<u>15.4</u>		

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>B-6</u>	<u>x voa vial</u>	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-GRO(8015)/BTX+MTBE(8260)</u>
	<u>6 x voa vial</u>	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-GRO(8015)/BTX+MTBE(8260)/ 7 OXYS (8260)</u>

COMMENTS: slow recovery

Add/Replaced Lock: \_\_\_\_\_

Add/Replaced Plug: \_\_\_\_\_

Add/Replaced Bolt: \_\_\_\_\_



# GETTLER-RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-2506 Job Number: 385203  
 Site Address: 2630 Broadway Event Date: 3-28-11 (inclusive)  
 City: Oakland, CA Sampler: Juc

Well ID: B-7  
 Well Diameter: 2 in.  
 Total Depth: 19.12 ft.  
 Depth to Water: 3.73 ft.

Date Monitored: 3-28-11

Volume	3/4" = 0.02	1" = 0.04	2" = 0.17	3" = 0.38
Factor (VF)	4" = 0.66	5" = 1.02	6" = 1.50	12" = 5.80

Check if water column is less than 0.50 ft.

15.39 xVF 0.17 = 2.62 x3 case volume = Estimated Purge Volume: 8 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 6.80

### Purge Equipment:

Disposable Bailer   
 Stainless Steel Bailer \_\_\_\_\_  
 Stack Pump \_\_\_\_\_  
 Suction Pump \_\_\_\_\_  
 Grundfos \_\_\_\_\_  
 Peristaltic Pump \_\_\_\_\_  
 QED Bladder Pump \_\_\_\_\_  
 Other: \_\_\_\_\_

### Sampling Equipment:

Disposable Bailer   
 Pressure Bailer \_\_\_\_\_  
 Discrete Bailer \_\_\_\_\_  
 Peristaltic Pump \_\_\_\_\_  
 QED Bladder Pump \_\_\_\_\_  
 Other: \_\_\_\_\_

Time Started: \_\_\_\_\_ (2400 hrs)  
 Time Completed: \_\_\_\_\_ (2400 hrs)  
 Depth to Product: \_\_\_\_\_ ft  
 Depth to Water: \_\_\_\_\_ ft  
 Hydrocarbon Thickness: \_\_\_\_\_ ft  
 Visual Confirmation/Description: \_\_\_\_\_  
 Skimmer / Absorbent Sock (circle one)  
 Amt Removed from Skimmer: \_\_\_\_\_ gal  
 Amt Removed from Well: \_\_\_\_\_ gal  
 Water Removed: \_\_\_\_\_  
 Product Transferred to: \_\_\_\_\_

Start Time (purge): 1300 Weather Conditions: clear  
 Sample Time/Date: 1345 3-28-11 Water Color: clear Odor: PHN light  
 Approx. Flow Rate: \_\_\_\_\_ gpm. Sediment Description: none  
 Did well de-water? no If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal. DTW @ Sampling: 4.12

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - µS)	Temperature (°F)	D.O. (mg/L)	ORP (mV)
<u>1307</u>	<u>3</u>	<u>6.73</u>	<u>915</u>	<u>16.6</u>		
<u>1315</u>	<u>5</u>	<u>6.80</u>	<u>918</u>	<u>16.4</u>		
<u>1326</u>	<u>8</u>	<u>6.76</u>	<u>916</u>	<u>16.3</u>		

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>B-7</u>	<u>x voa vial</u>	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-GRO(8015)/BTEX+MTBE(8260)</u>
	<u>6 x voa vial</u>	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-GRO(8015)/BTEX+MTBE(8260)/ 7 OXYS (8260)</u>

COMMENTS: \_\_\_\_\_

Add/Replaced Lock: \_\_\_\_\_

Add/Replaced Plug: \_\_\_\_\_

Add/Replaced Bolt: \_\_\_\_\_



# GETTLER-RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-2506 Job Number: 385203  
 Site Address: 2630 Broadway Event Date: 3-28-11 (inclusive)  
 City: Oakland, CA Sampler: Joe

Well ID: B-8  
 Well Diameter: 2 in.  
 Total Depth: 19.48 ft.  
 Depth to Water: 3.71 ft.

Date Monitored: 3-28-11

Volume	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
Factor (VF)	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

Check if water column is less than 0.50 ft.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 6.86  
 xVF 0.17 = 2.68 x3 case volume = Estimated Purge Volume: 8.5 gal.

**Purge Equipment:**  
 Disposable Bailer   
 Stainless Steel Bailer \_\_\_\_\_  
 Stack Pump \_\_\_\_\_  
 Suction Pump \_\_\_\_\_  
 Grundfos \_\_\_\_\_  
 Peristaltic Pump \_\_\_\_\_  
 QED Bladder Pump \_\_\_\_\_  
 Other: \_\_\_\_\_

**Sampling Equipment:**  
 Disposable Bailer   
 Pressure Bailer \_\_\_\_\_  
 Discrete Bailer \_\_\_\_\_  
 Peristaltic Pump \_\_\_\_\_  
 QED Bladder Pump \_\_\_\_\_  
 Other: \_\_\_\_\_

Time Started: \_\_\_\_\_ (2400 hrs)  
 Time Completed: \_\_\_\_\_ (2400 hrs)  
 Depth to Product: \_\_\_\_\_ ft  
 Depth to Water: \_\_\_\_\_ ft  
 Hydrocarbon Thickness: \_\_\_\_\_ ft  
 Visual Confirmation/Description: \_\_\_\_\_  
 Skimmer / Absorbent Sock (circle one)  
 Amt Removed from Skimmer: \_\_\_\_\_ gal  
 Amt Removed from Well: \_\_\_\_\_ gal  
 Water Removed: \_\_\_\_\_ gal  
 Product Transferred to: \_\_\_\_\_

Start Time (purge): 10:48 Weather Conditions: clear  
 Sample Time/Date: 11:20 13-28-11 Water Color: clear Odor: YIP  
 Approx. Flow Rate: \_\_\_\_\_ gpm. Sediment Description: none  
 Did well de-water? no If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal. DTW @ Sampling: 4.21

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - µS)	Temperature (°C / F)	D.O. (mg/L)	ORP (mV)
<u>1056</u>	<u>3</u>	<u>7.58</u>	<u>1219</u>	<u>16.0</u>		
<u>1102</u>	<u>5</u>	<u>7.42</u>	<u>1222</u>	<u>15.5</u>		
<u>1110</u>	<u>8.5</u>	<u>7.37</u>	<u>1220</u>	<u>15.2</u>		

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>B-8</u>	<u>x voa vial</u>	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-GRO(8015)/BTEX+MTBE(8260)</u>
	<u>6 x voa vial</u>	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-GRO(8015)/BTEX+MTBE(8260)/ 7 OXYS (8260)</u>

COMMENTS: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Add/Replaced Lock: \_\_\_\_\_ Add/Replaced Plug: \_\_\_\_\_ Add/Replaced Bolt: \_\_\_\_\_





# GETTLER-RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-2506 Job Number: 385203  
 Site Address: 2630 Broadway Event Date: 3-28-11 (inclusive)  
 City: Oakland, CA Sampler: Joe

Well ID: B-9  
 Well Diameter: 2 in.  
 Total Depth: 17.20 ft.  
 Depth to Water: 7.53 ft.

Date Monitored: 3-28-11

Volume	3/4" = 0.02	1" = 0.04	2" = 0.17	3" = 0.38
Factor (VF)	4" = 0.66	5" = 1.02	6" = 1.50	12" = 5.80

Check if water column is less than 0.50 ft.

9.67 xVF 0.17 = 1.64 x3 case volume = Estimated Purge Volume: 5 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 9.46

### Purge Equipment:

Disposable Bailer   
 Stainless Steel Bailer \_\_\_\_\_  
 Stack Pump \_\_\_\_\_  
 Suction Pump \_\_\_\_\_  
 Grundfos \_\_\_\_\_  
 Peristaltic Pump \_\_\_\_\_  
 QED Bladder Pump \_\_\_\_\_  
 Other: \_\_\_\_\_

### Sampling Equipment:

Disposable Bailer \_\_\_\_\_  
 Pressure Bailer   
 Discrete Bailer \_\_\_\_\_  
 Peristaltic Pump \_\_\_\_\_  
 QED Bladder Pump \_\_\_\_\_  
 Other: \_\_\_\_\_

Time Started: \_\_\_\_\_ (2400 hrs)  
 Time Completed: \_\_\_\_\_ (2400 hrs)  
 Depth to Product: \_\_\_\_\_ ft  
 Depth to Water: \_\_\_\_\_ ft  
 Hydrocarbon Thickness: \_\_\_\_\_ ft  
 Visual Confirmation/Description: \_\_\_\_\_  
 Skimmer / Absorbent Sock (circle one)  
 Amt Removed from Skimmer: \_\_\_\_\_ gal  
 Amt Removed from Well: \_\_\_\_\_ gal  
 Water Removed: \_\_\_\_\_  
 Product Transferred to: \_\_\_\_\_

Start Time (purge): 1515 Weather Conditions: clear  
 Sample Time/Date: 1545 / 3-28-11 Water Color: clear Odor: ① IN strong  
 Approx. Flow Rate: \_\_\_\_\_ gpm. Sediment Description: none  
 Did well de-water? no If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal. DTW @ Sampling: 8.03

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - <u>NS</u> )	Temperature (° / F)	D.O. (mg/L)	ORP (mV)
<u>1522</u>	<u>1.5</u>	<u>6.84</u>	<u>651</u>	<u>16.7</u>	_____	_____
<u>1527</u>	<u>3</u>	<u>6.80</u>	<u>663</u>	<u>16.2</u>	_____	_____
<u>1533</u>	<u>5</u>	<u>6.76</u>	<u>665</u>	<u>16.4</u>	_____	_____

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>B-9</u>	<u>6</u> x voa vial	YES	HCL	LANCASTER	TPH-GRO(8015)/BTEX+MTBE(8260)
		YES	HCL	LANCASTER	TPH-GRO(8015)/BTEX+MTBE(8260)/ 7 OXYS (8260)

COMMENTS: Installed 8" gasket.

Add/Replaced Lock: \_\_\_\_\_

Add/Replaced Plug: \_\_\_\_\_

Add/Replaced Bolt: \_\_\_\_\_



# GETTLER-RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-2506 Job Number: 385203  
 Site Address: 2630 Broadway Event Date: 3-28-11 (inclusive)  
 City: Oakland, CA Sampler: Joe

Well ID: B-10  
 Well Diameter: 2 in.  
 Total Depth: 18.67 ft.  
 Depth to Water: 9.88 ft.

Date Monitored: 3-28-11

Volume	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
Factor (VF)	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

Check if water column is less than 0.50 ft.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 11.63  
 $8.79 \times VF 0.17 = 1.49$  x3 case volume = Estimated Purge Volume: 4.5 gal.

### Purge Equipment:

Disposable Bailer   
 Stainless Steel Bailer \_\_\_\_\_  
 Stack Pump \_\_\_\_\_  
 Suction Pump \_\_\_\_\_  
 Grundfos \_\_\_\_\_  
 Peristaltic Pump \_\_\_\_\_  
 QED Bladder Pump \_\_\_\_\_  
 Other: \_\_\_\_\_

### Sampling Equipment:

Disposable Bailer   
 Pressure Bailer \_\_\_\_\_  
 Discrete Bailer \_\_\_\_\_  
 Peristaltic Pump \_\_\_\_\_  
 QED Bladder Pump \_\_\_\_\_  
 Other: \_\_\_\_\_

Time Started: \_\_\_\_\_ (2400 hrs)  
 Time Completed: \_\_\_\_\_ (2400 hrs)  
 Depth to Product: \_\_\_\_\_ ft  
 Depth to Water: \_\_\_\_\_ ft  
 Hydrocarbon Thickness: \_\_\_\_\_ ft  
 Visual Confirmation/Description: \_\_\_\_\_  
 Skimmer / Absorbant Sock (circle one)  
 Amt Removed from Skimmer: \_\_\_\_\_ gal  
 Amt Removed from Well: \_\_\_\_\_ gal  
 Water Removed: \_\_\_\_\_ gal  
 Product Transferred to: \_\_\_\_\_

Start Time (purge): 0735 Weather Conditions: clear  
 Sample Time/Date: 0805 3-28-11 Water Color: clear Odor: YIP  
 Approx. Flow Rate: \_\_\_\_\_ gpm. Sediment Description: no  
 Did well de-water? no If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal. DTW @ Sampling: 10.32

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - µS)	Temperature (°F)	D.O. (mg/L)	ORP (mV)
<u>0742</u>	<u>1.5</u>	<u>7.14</u>	<u>1075</u>	<u>16.4</u>		
<u>0747</u>	<u>3</u>	<u>7.26</u>	<u>1070</u>	<u>16.0</u>		
<u>0753</u>	<u>4.5</u>	<u>7.21</u>	<u>1078</u>	<u>16.1</u>		

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>B-10</u>	<u>6 x voa vial</u>	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-GRO(8015)/BTEX+MTBE(8260)</u>
	<u>x voa vial</u>	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-GRO(8015)/BTEX+MTBE(8260)/</u> <u>7 OXYS (8260)</u>

COMMENTS: \_\_\_\_\_

Add/Replaced Lock: \_\_\_\_\_ Add/Replaced Plug: \_\_\_\_\_ Add/Replaced Bolt: \_\_\_\_\_



# GETTLER-RYAN Inc.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-2506 Job Number: 385203  
 Site Address: 2630 Broadway Event Date: 3-28-11 (inclusive)  
 City: Oakland, CA Sampler: Joe

Well ID: B-11 Date Monitored: 3-28-11  
 Well Diameter: 2 in.  
 Total Depth: 18.98 ft.  
 Depth to Water: 6.05 ft.  Check if water column is less than 0.50 ft.  
 Volume Factor (VF) table:  

3/4" = 0.02	1" = 0.04	2" = 0.17	3" = 0.38
4" = 0.66	5" = 1.02	6" = 1.50	12" = 5.80

 xVF 0.17 = 2.20 x3 case volume = Estimated Purge Volume: 7 gal.  
 Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 8.63

**Purge Equipment:**  
 Disposable Bailer   
 Stainless Steel Bailer \_\_\_\_\_  
 Stack Pump \_\_\_\_\_  
 Suction Pump \_\_\_\_\_  
 Grundfos \_\_\_\_\_  
 Peristaltic Pump \_\_\_\_\_  
 QED Bladder Pump \_\_\_\_\_  
 Other: \_\_\_\_\_

**Sampling Equipment:**  
 Disposable Bailer \_\_\_\_\_  
 Pressure Bailer   
 Discrete Bailer \_\_\_\_\_  
 Peristaltic Pump \_\_\_\_\_  
 QED Bladder Pump \_\_\_\_\_  
 Other: \_\_\_\_\_

Time Started: \_\_\_\_\_ (2400 hrs)  
 Time Completed: \_\_\_\_\_ (2400 hrs)  
 Depth to Product: \_\_\_\_\_ ft  
 Depth to Water: \_\_\_\_\_ ft  
 Hydrocarbon Thickness: \_\_\_\_\_ ft  
 Visual Confirmation/Description: \_\_\_\_\_  
 Skimmer / Absorbent Sock (circle one)  
 Amt Removed from Skimmer: \_\_\_\_\_ gal  
 Amt Removed from Well: \_\_\_\_\_ gal  
 Water Removed: \_\_\_\_\_  
 Product Transferred to: \_\_\_\_\_

Start Time (purge): 0825 Weather Conditions: clear  
 Sample Time/Date: 0905 / 3-28-11 Water Color: clear Odor: YIP  
 Approx. Flow Rate: \_\_\_\_\_ gpm. Sediment Description: none  
 Did well de-water? no If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal. DTW @ Sampling: 6.64

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - µS)	Temperature (°C / F)	D.O. (mg/L)	ORP (mV)
<u>0835</u>	<u>2.5</u>	<u>7.40</u>	<u>1057</u>	<u>15.5</u>	_____	_____
<u>0842</u>	<u>5</u>	<u>7.38</u>	<u>1064</u>	<u>15.5</u>	_____	_____
<u>0850</u>	<u>7</u>	<u>7.31</u>	<u>1061</u>	<u>15.7</u>	_____	_____

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>B-11</u>	<u>6</u> x voa vial	YES	HCL	LANCASTER	TPH-GRO(8015)/BTEX+MTBE(8260)
	x voa vial	YES	HCL	LANCASTER	TPH-GRO(8015)/BTEX+MTBE(8260)/7 OXYS (8260)

COMMENTS: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Add/Replaced Lock: \_\_\_\_\_ Add/Replaced Plug: \_\_\_\_\_ Add/Replaced Bolt: \_\_\_\_\_



# GETTLER-RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-2506 Job Number: 385203  
 Site Address: 2630 Broadway Event Date: 3-28-11 (inclusive)  
 City: Oakland, CA Sampler: Joe

Well ID: B-12 Date Monitored: 3-28-11

Well Diameter: 2 in.

Total Depth: 18.27 ft.

Depth to Water: 2.11 ft.

Volume	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
Factor (VF)	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

Check if water column is less than 0.50 ft.

16.16 xVF 0.17 = 2.75 x3 case volume = Estimated Purge Volume: 8.5 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 5.34

### Purge Equipment:

Disposable Bailer   
 Stainless Steel Bailer \_\_\_\_\_  
 Stack Pump \_\_\_\_\_  
 Suction Pump \_\_\_\_\_  
 Grundfos \_\_\_\_\_  
 Peristaltic Pump \_\_\_\_\_  
 QED Bladder Pump \_\_\_\_\_  
 Other: \_\_\_\_\_

### Sampling Equipment:

Disposable Bailer \_\_\_\_\_  
 Pressure Bailer   
 Discrete Bailer \_\_\_\_\_  
 Peristaltic Pump \_\_\_\_\_  
 QED Bladder Pump \_\_\_\_\_  
 Other: \_\_\_\_\_

Time Started: \_\_\_\_\_ (2400 hrs)  
 Time Completed: \_\_\_\_\_ (2400 hrs)  
 Depth to Product: \_\_\_\_\_ ft  
 Depth to Water: \_\_\_\_\_ ft  
 Hydrocarbon Thickness: \_\_\_\_\_ ft  
 Visual Confirmation/Description: \_\_\_\_\_  
 Skimmer / Absorbant Sock (circle one)  
 Amt Removed from Skimmer: \_\_\_\_\_ gal  
 Amt Removed from Well: \_\_\_\_\_ gal  
 Water Removed: \_\_\_\_\_  
 Product Transferred to: \_\_\_\_\_

Start Time (purge): 0925 Weather Conditions: clear  
 Sample Time/Date: 1005 / 3-28-11 Water Color: clear Odor: YIN  
 Approx. Flow Rate: \_\_\_\_\_ gpm. Sediment Description: none  
 Did well de-water? no If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal. DTW @ Sampling: 2.76

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - µS <sub>C</sub> )	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
<u>0936</u>	<u>3</u>	<u>6.95</u>	<u>808</u>	<u>15.6</u>		
<u>0945</u>	<u>5.5</u>	<u>6.87</u>	<u>818</u>	<u>15.4</u>		
<u>0953</u>	<u>8.5</u>	<u>6.83</u>	<u>821</u>	<u>15.7</u>		

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>B-12</u>	<u>6</u> x vov vial	YES	HCL	LANCASTER	TPH-GRO(8015)/BTEX+MTBE(8260)
	x vov vial	YES	HCL	LANCASTER	TPH-GRO(8015)/BTEX+MTBE(8260)/ 7 OXYS (8260)

COMMENTS: Installed 8" gasket.

Add/Replaced Lock: \_\_\_\_\_ Add/Replaced Plug: \_\_\_\_\_ Add/Replaced Bolt: \_\_\_\_\_

# Chevron California Region Analysis Request/Chain of Custody



032911-01

For Lancaster Laboratories use only  
 Acct. #: 12099 Sample #: 6242156-65 Group #: 005981

CRA MTI Project #: 61H-1962

G# 1239540

Facility #: SS#9-2506 G-R#385203 Global ID#T0600101812 Site Address: 2630 BROADWAY, OAKLAND, CA Chevron PM: MTI Lead Consultant: CRAKJ Kiernan Consultant/Office: G-R, Inc., 6747 Sierra Court, Suite J, Dublin, CA 94568 Consultant Prj. Mgr.: Deanna L. Harding (deanna@grnc.com) Consultant Phone #: 925-551-7555 Fax #: 925-551-7899 Sampler: <u>JOE AJEMIAN</u>				<b>Matrix</b> <input type="checkbox"/> Potable <input type="checkbox"/> NPDES <input type="checkbox"/> Soil <input type="checkbox"/> Water <input type="checkbox"/> Oil <input type="checkbox"/> Air		<b>Analyses Requested</b> <b>Preservation Codes</b> # # # <input type="checkbox"/> BTEX + MTBE 8260 <input checked="" type="checkbox"/> 8021 <input type="checkbox"/> TPH 8015 MOD GRO <input type="checkbox"/> TPH 8015 MOD DRO <input type="checkbox"/> Silica Gel Cleanup <input type="checkbox"/> 8260 full scan <input checked="" type="checkbox"/> Oxygenates (8260) Total Lead Method Dissolved Lead Method										<b>Preservative Codes</b> 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"/> J value reporting needed <input checked="" type="checkbox"/> Must meet lowest detection limits possible for 8260 compounds 8021 MTBE Confirmation <input type="checkbox"/> Confirm highest hit by 8260 <input type="checkbox"/> Confirm all hits by 8260 <input type="checkbox"/> Run ___ oxy's on highest hit <input type="checkbox"/> Run ___ oxy's on all hits	
Sample Identification	Date Collected	Time Collected	Grab	Composite	Soil	Water	Oil	Air	Total Number of Containers	BTEX + MTBE 8260	TPH 8015 MOD GRO	TPH 8015 MOD DRO	8260 full scan	Oxygenates (8260)	Total Lead Method	Dissolved Lead Method	Comments / Remarks
B-1	3-28-11	1215	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>			6	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>			
B-3		1505							6	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>			
B-5		1425							6	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>			
B-6		1242							6	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>			
B-7		1345							6	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>			
B-8		1120							6	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>			
B-9		1545							6	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>			
B-10		0805							6	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>			
B-11		0905							6	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>			
B-12		1005	<input checked="" type="checkbox"/>						6	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>			

Turnaround Time Requested (TAT) (please circle) STD. TAT      72 hour      48 hour 24 hour      4 day      5 day			Relinquished by: <u>[Signature]</u> Date: 3-28-11 Time: 1700 Received by: <u>GETTLER-RYAN FRIDGE</u> Date: 03-28-11 Time: 1700	
Data Package Options (please circle if required) <b>EDF/EDD</b> QC Summary      Type I - Full Type VI (Raw Data) <input type="checkbox"/> Cost Deliverable not needed WIP (RWQCB) Disk			Relinquished by: <u>[Signature]</u> Date: 03-29-11 Time: 1630 Received by: <u>A. [Signature]</u> Date: 29 MAR 11 Time: 1630	
Relinquished by Commercial Carrier: UPS <input checked="" type="checkbox"/> FedEx      Other: _____ Temperature Upon Receipt: 1.0-1.1 °C			Received by: <u>[Signature]</u> Date: 3/30/11 Time: 0930 Customary Seals Intact?      Yes      No	



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

# Analysis Report

## ANALYTICAL RESULTS

Prepared by:

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

Prepared for:

Chevron c/o CRA  
Suite 107  
10969 Trade Center Dr  
Rancho Cordova CA 95670

April 07, 2011

Project: 92506

Submittal Date: 03/30/2011

Group Number: 1239540

PO Number: 92506

Release Number: MTI

State of Sample Origin: CA

RECEIVED

APR 07 2011

GETTLER-RYAN INC.  
GENERAL CONTRACTORS

Client Sample Description

B-1-W-110328 Grab Water  
B-3-W-110328 Grab Water  
B-5-W-110328 Grab Water  
B-6-W-110328 Grab Water  
B-7-W-110328 Grab Water  
B-8-W-110328 Grab Water  
B-9-W-110328 Grab Water  
B-10-W-110328 Grab Water  
B-11-W-110328 Grab Water  
B-12-W-110328 Grab Water

Lancaster Labs (LLI) #

6242756  
6242757  
6242758  
6242759  
6242760  
6242761  
6242762  
6242763  
6242764  
6242765

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

ELECTRONIC COPY TO Gettler-Ryan, Inc.  
ELECTRONIC COPY TO Chevron c/o CRA  
ELECTRONIC COPY TO Chevron

Attn: Rachelle Munoz

Attn: Report Contact

Attn: Anna Avina



## ***Analysis Report***

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17603-2425 • 717-656-2300 Fax: 717-656-2661 • www.lancasterlabs.com

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

Respectfully Submitted,

A handwritten signature in black ink that reads "Susan M. Goshert".

**Susan M. Goshert**  
**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

Page 1 of 1

Sample Description: B-1-W-110328 Grab Water  
Facility# 92506 Job# 385203 MTT# 61H-1962 GRD  
2630 Broadway-Oakland T0600101812 B-1

LLI Sample # WW 6242756  
LLI Group # 1239540  
Account # 12099

Project Name: 92506

Collected: 03/28/2011 12:15 by JA Chevron c/o CRA  
Suite 107  
Submitted: 03/30/2011 09:30 10969 Trade Center Dr  
Reported: 04/07/2011 11:04 Rancho Cordova CA 95670

BRO01

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
<b>GC/MS Volatiles SW-846 8260B</b>			ug/l	ug/l	
10943	t-Amyl methyl ether	994-05-8	N.D.	0.5	1
10943	Benzene	71-43-2	N.D.	0.5	1
10943	t-Butyl alcohol	75-65-0	4	2	1
10943	1,2-Dibromoethane	106-93-4	N.D.	0.5	1
10943	1,2-Dichloroethane	107-06-2	N.D.	0.5	1
10943	Ethyl t-butyl ether	637-92-3	0.6	0.5	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1
10943	di-Isopropyl ether	108-20-3	N.D.	0.5	1
10943	Methyl Tertiary Butyl Ether	1634-04-4	4	0.5	1
10943	Toluene	108-88-3	N.D.	0.5	1
10943	Xylene (Total)	1330-20-7	N.D.	0.5	1
<b>GC Volatiles SW-846 8015B</b>			ug/l	ug/l	
01728	TPH-GRO N. CA water C6-C12	n.a.	N.D.	50	1

### General Sample Comments

State of California Lab Certification No. 2501  
Trip blank vials were not received by the laboratory for this sample group.

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

### Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX+5 Oxys+EDC+EDB Water	SW-846 8260B	1	F110902AA	03/31/2011 13:27	Anita M Dale	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F110902AA	03/31/2011 13:27	Anita M Dale	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	11094B07A	04/05/2011 03:55	Elizabeth J Marin	1
01146	GC VOA Water Prep	SW-846 5030B	1	11094B07A	04/05/2011 03:55	Elizabeth J Marin	1





# Analysis Report

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

Sample Description: B-3-W-110328 Grab Water  
Facility# 92506 Job# 385203 MTI# 61H-1962 GRD  
2630 Broadway-Oakland T0600101812 B-3

LLI Sample # WW 6242757  
LLI Group # 1239540  
Account # 12099

Project Name: 92506

Collected: 03/28/2011 15:05 by JA Chevron c/o CRA  
Suite 107  
Submitted: 03/30/2011 09:30 10969 Trade Center Dr  
Reported: 04/07/2011 11:04 Rancho Cordova CA 95670

BRO03

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
<b>GC/MS Volatiles SW-846 8260B</b>			ug/l	ug/l	
10943	t-Amyl methyl ether	994-05-8	N.D.	0.5	1
10943	Benzene	71-43-2	N.D.	0.5	1
10943	t-Butyl alcohol	75-65-0	86	2	1
10943	1,2-Dibromoethane	106-93-4	N.D.	0.5	1
10943	1,2-Dichloroethane	107-06-2	N.D.	0.5	1
10943	Ethyl t-butyl ether	637-92-3	N.D.	0.5	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1
10943	di-Isopropyl ether	108-20-3	N.D.	0.5	1
10943	Methyl Tertiary Butyl Ether	1634-04-4	1	0.5	1
10943	Toluene	108-88-3	N.D.	0.5	1
10943	Xylene (Total)	1330-20-7	N.D.	0.5	1
<b>GC Volatiles SW-846 8015B</b>			ug/l	ug/l	
01728	TPH-GRO N. CA water C6-C12	n.a.	130	50	1

### General Sample Comments

State of California Lab Certification No. 2501  
Trip blank vials were not received by the laboratory for this sample group.

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

### Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX+5 Oxys+EDC+EDB Water	SW-846 8260B	1	F110902AA	03/31/2011 13:48	Anita M Dale	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F110902AA	03/31/2011 13:48	Anita M Dale	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	11094B07A	04/05/2011 04:21	Elizabeth J Marin	1
01146	GC VOA Water Prep	SW-846 5030B	1	11094B07A	04/05/2011 04:21	Elizabeth J Marin	1



# Analysis Report

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

**Sample Description:** B-5-W-110328 Grab Water  
 Facility# 92506 Job# 385203 MTI# 61H-1962 GRD  
 2630 Broadway-Oakland T0600101812 B-5

LLI Sample # WW 6242758  
 LLI Group # 1239540  
 Account # 12099

**Project Name:** 92506

Collected: 03/28/2011 14:25 by JA Chevron c/o CRA  
 Suite 107  
 Submitted: 03/30/2011 09:30 10969 Trade Center Dr  
 Reported: 04/07/2011 11:04 Rancho Cordova CA 95670

BRO05

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
<b>GC/MS Volatiles SW-846 8260B</b>			<b>ug/l</b>	<b>ug/l</b>	
10943	t-Amyl methyl ether	994-05-8	N.D.	0.5	1
10943	Benzene	71-43-2	N.D.	0.5	1
10943	t-Butyl alcohol	75-65-0	N.D.	2	1
10943	1,2-Dibromoethane	106-93-4	N.D.	0.5	1
10943	1,2-Dichloroethane	107-06-2	N.D.	0.5	1
10943	Ethyl t-butyl ether	637-92-3	N.D.	0.5	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1
10943	di-Isopropyl ether	108-20-3	N.D.	0.5	1
10943	Methyl Tertiary Butyl Ether	1634-04-4	4	0.5	1
10943	Toluene	108-88-3	N.D.	0.5	1
10943	Xylene (Total)	1330-20-7	N.D.	0.5	1
<b>GC Volatiles SW-846 8015B</b>			<b>ug/l</b>	<b>ug/l</b>	
01728	TPH-GRO N. CA water C6-C12	n.a.	N.D.	50	1

### General Sample Comments

State of California Lab Certification No. 2501  
 Trip blank vials were not received by the laboratory for this sample group.

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

### Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX+5 Oxys+EDC+EDB Water	SW-846 8260B	1	F110902AA	03/31/2011 14:10	Anita M Dale	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F110902AA	03/31/2011 14:10	Anita M Dale	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	11094B07A	04/05/2011 04:46	Elizabeth J Marin	1
01146	GC VOA Water Prep	SW-846 5030B	1	11094B07A	04/05/2011 04:46	Elizabeth J Marin	1



# Analysis Report

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

**Sample Description: B-6-W-110328 Grab Water**

Facility# 92506 Job# 385203 MTI# 61H-1962 GRD  
2630 Broadway-Oakland T0600101812 B-6

LLI Sample # WW 6242759  
LLI Group # 1239540  
Account # 12099

**Project Name: 92506**

Collected: 03/28/2011 12:42 by JA

Chevron c/o CRA

Suite 107

Submitted: 03/30/2011 09:30

10969 Trade Center Dr

Reported: 04/07/2011 11:04

Rancho Cordova CA 95670

BRO06

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
<b>GC/MS Volatiles SW-846 8260B</b>			ug/l	ug/l	
10943	t-Amyl methyl ether	994-05-8	N.D.	0.5	1
10943	Benzene	71-43-2	N.D.	0.5	1
10943	t-Butyl alcohol	75-65-0	N.D.	2	1
10943	1,2-Dibromoethane	106-93-4	N.D.	0.5	1
10943	1,2-Dichloroethane	107-06-2	N.D.	0.5	1
10943	Ethyl t-butyl ether	637-92-3	13	0.5	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1
10943	di-Isopropyl ether	108-20-3	N.D.	0.5	1
10943	Methyl Tertiary Butyl Ether	1634-04-4	4	0.5	1
10943	Toluene	108-88-3	N.D.	0.5	1
10943	Xylene (Total)	1330-20-7	N.D.	0.5	1
<b>GC Volatiles SW-846 8015B</b>			ug/l	ug/l	
01728	TPH-GRO N. CA water C6-C12	n.a.	N.D.	50	1

**General Sample Comments**

State of California Lab Certification No. 2501

Trip blank vials were not received by the laboratory for this sample group.

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

**Laboratory Sample Analysis Record**

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX+5 Oxys+EDC+EDB Water	SW-846 8260B	1	F110902AA	03/31/2011 14:32	Anita M Dale	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F110902AA	03/31/2011 14:32	Anita M Dale	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	11094B07A	04/05/2011 05:11	Elizabeth J Marin	1
01146	GC VOA Water Prep	SW-846 5030B	1	11094B07A	04/05/2011 05:11	Elizabeth J Marin	1



# Analysis Report

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

Sample Description: B-7-W-110328 Grab Water  
Facility# 92506 Job# 385203 MTI# 61H-1962 GRD  
2630 Broadway-Oakland T0600101812 B-7

LLI Sample # WW 6242760  
LLI Group # 1239540  
Account # 12099

Project Name: 92506

Collected: 03/28/2011 13:45 by JA Chevron c/o CRA  
Suite 107  
Submitted: 03/30/2011 09:30 10969 Trade Center Dr  
Reported: 04/07/2011 11:04 Rancho Cordova CA 95670

BRO07

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
<b>GC/MS Volatiles SW-846 8260B</b>			ug/l	ug/l	
10943	t-Amyl methyl ether	994-05-8	N.D.	0.5	1
10943	Benzene	71-43-2	N.D.	0.5	1
10943	t-Butyl alcohol	75-65-0	N.D.	2	1
10943	1,2-Dibromoethane	106-93-4	N.D.	0.5	1
10943	1,2-Dichloroethane	107-06-2	N.D.	0.5	1
10943	Ethyl t-butyl ether	637-92-3	N.D.	0.5	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1
10943	di-Isopropyl ether	108-20-3	N.D.	0.5	1
10943	Methyl Tertiary Butyl Ether	1634-04-4	1	0.5	1
10943	Toluene	108-88-3	N.D.	0.5	1
10943	Xylene (Total)	1330-20-7	N.D.	0.5	1
<b>GC Volatiles SW-846 8015B</b>			ug/l	ug/l	
01728	TPH-GRO N. CA water C6-C12	n.a.	120	50	1

### General Sample Comments

State of California Lab Certification No. 2501  
Trip blank vials were not received by the laboratory for this sample group.

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

### Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX+5 Oxys+EDC+EDB Water	SW-846 8260B	1	F110902AA	03/31/2011 14:54	Anita M Dale	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F110902AA	03/31/2011 14:54	Anita M Dale	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	11094B07A	04/05/2011 05:36	Elizabeth J Marin	1
01146	GC VOA Water Prep	SW-846 5030B	1	11094B07A	04/05/2011 05:36	Elizabeth J Marin	1



# Analysis Report

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**Sample Description:** B-8-W-110328 Grab Water  
 Facility# 92506 Job# 385203 MTI# 61H-1962 GRD  
 2630 Broadway-Oakland T0600101812 B-8

LLI Sample # WW 6242761  
 LLI Group # 1239540  
 Account # 12099

**Project Name:** 92506

Collected: 03/28/2011 11:20 by JA Chevron c/o CRA  
 Suite 107  
 Submitted: 03/30/2011 09:30 10969 Trade Center Dr  
 Reported: 04/07/2011 11:04 Rancho Cordova CA 95670

BRO08

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
<b>GC/MS Volatiles SW-846 8260B</b>			ug/l	ug/l	
10943	t-Amyl methyl ether	994-05-8	N.D.	0.5	1
10943	Benzene	71-43-2	N.D.	0.5	1
10943	t-Butyl alcohol	75-65-0	N.D.	2	1
10943	1,2-Dibromoethane	106-93-4	N.D.	0.5	1
10943	1,2-Dichloroethane	107-06-2	N.D.	0.5	1
10943	Ethyl t-butyl ether	637-92-3	N.D.	0.5	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1
10943	di-Isopropyl ether	108-20-3	N.D.	0.5	1
10943	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	1
10943	Toluene	108-88-3	N.D.	0.5	1
10943	Xylene (Total)	1330-20-7	N.D.	0.5	1
<b>GC Volatiles SW-846 8015B</b>			ug/l	ug/l	
01728	TPH-GRO N. CA water C6-C12	n.a.	N.D.	50	1

### General Sample Comments

State of California Lab Certification No. 2501  
 Trip blank vials were not received by the laboratory for this sample group.

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

### Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX+5 Oxys+EDC+EDB Water	SW-846 8260B	1	F110902AA	03/31/2011 15:16	Anita M Dale	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F110902AA	03/31/2011 15:16	Anita M Dale	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	11094B07A	04/05/2011 06:02	Elizabeth J Marin	1
01146	GC VOA Water Prep	SW-846 5030B	1	11094B07A	04/05/2011 06:02	Elizabeth J Marin	1



# Analysis Report

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**Sample Description: B-9-W-110328 Grab Water**

Facility# 92506 Job# 385203 MTI# 61H-1962 GRD  
2630 Broadway-Oakland T0600101812 B-9

LLI Sample # WW 6242762

LLI Group # 1239540

Account # 12099

**Project Name: 92506**

Collected: 03/28/2011 15:45 by JA

Chevron c/o CRA

Suite 107

Submitted: 03/30/2011 09:30

10969 Trade Center Dr

Reported: 04/07/2011 11:04

Rancho Cordova CA 95670

BRO09

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
<b>GC/MS Volatiles SW-846 8260B</b>			ug/l	ug/l	
10943	t-Amyl methyl ether	994-05-8	N.D.	0.5	1
10943	Benzene	71-43-2	95	0.5	1
10943	t-Butyl alcohol	75-65-0	99	2	1
10943	1,2-Dibromoethane	106-93-4	0.6	0.5	1
10943	1,2-Dichloroethane	107-06-2	N.D.	0.5	1
10943	Ethyl t-butyl ether	637-92-3	N.D.	0.5	1
10943	Ethylbenzene	100-41-4	11	0.5	1
10943	di-Isopropyl ether	108-20-3	N.D.	0.5	1
10943	Methyl Tertiary Butyl Ether	1634-04-4	25	0.5	1
10943	Toluene	108-88-3	9	0.5	1
10943	Xylene (Total)	1330-20-7	9	0.5	1
<b>GC Volatiles SW-846 8015B</b>			ug/l	ug/l	
01728	TPH-GRO N. CA water C6-C12	n.a.	3,600	250	5

**General Sample Comments**

State of California Lab Certification No. 2501

Trip blank vials were not received by the laboratory for this sample group.

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

**Laboratory Sample Analysis Record**

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX+5 Oxys+EDC+EDB Water	SW-846 8260B	1	F110902AA	03/31/2011 15:37	Anita M Dale	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F110902AA	03/31/2011 15:37	Anita M Dale	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	11094B07A	04/05/2011 10:16	Elizabeth J Marin	5
01146	GC VOA Water Prep	SW-846 5030B	1	11094B07A	04/05/2011 10:16	Elizabeth J Marin	5



# Analysis Report

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Sample Description: B-10-W-110328 Grab Water

Facility# 92506 Job# 385203 MTI# 61H-1962 GRD  
2630 Broadway-Oakland T0600101812 B-10

LLI Sample # WW 6242763  
LLI Group # 1239540  
Account # 12099

Project Name: 92506

Collected: 03/28/2011 08:05 by JA

Chevron c/o CRA  
Suite 107

Submitted: 03/30/2011 09:30

10969 Trade Center Dr  
Rancho Cordova CA 95670

Reported: 04/07/2011 11:04

BRO10

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

### General Sample Comments

State of California Lab Certification No. 2501

Trip blank vials were not received by the laboratory for this sample group.

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

### Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX/MTBE 8260 Water	SW-846 8260B	1	F110902AA	03/31/2011 15:59	Anita M Dale	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F110902AA	03/31/2011 15:59	Anita M Dale	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	11094B07A	04/05/2011 06:52	Elizabeth J Marin	1
01146	GC VOA Water Prep	SW-846 5030B	1	11094B07A	04/05/2011 06:52	Elizabeth J Marin	1



# Analysis Report

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**Sample Description: B-11-W-110328 Grab Water**

Facility# 92506 Job# 385203 MTI# 61H-1962 GRD  
2630 Broadway-Oakland T0600101812 B-11

LLI Sample # WW 6242764  
LLI Group # 1239540  
Account # 12099

**Project Name: 92506**

Collected: 03/28/2011 09:05 by JA

Chevron c/o CRA  
Suite 107

Submitted: 03/30/2011 09:30

10969 Trade Center Dr

Reported: 04/07/2011 11:04

Rancho Cordova CA 95670

BRO11

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

### General Sample Comments

State of California Lab Certification No. 2501  
Trip blank vials were not received by the laboratory for this sample group.

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

### Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX/MTBE 8260 Water	SW-846 8260B	1	F110902AA	03/31/2011 16:21	Anita M Dale	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F110902AA	03/31/2011 16:21	Anita M Dale	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	11094B07A	04/05/2011 07:17	Elizabeth J Marin	1
01146	GC VOA Water Prep	SW-846 5030B	1	11094B07A	04/05/2011 07:17	Elizabeth J Marin	1





# Analysis Report

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

**Sample Description:** B-12-W-110328 Grab Water

Facility# 92506 Job# 385203 MTI# 61H-1962 GRD  
2630 Broadway-Oakland T0600101812 B-12

LLI Sample # WW 6242765

LLI Group # 1239540

Account # 12099

**Project Name:** 92506

Collected: 03/28/2011 10:05 by JA

Chevron c/o CRA

Suite 107

Submitted: 03/30/2011 09:30

10969 Trade Center Dr

Reported: 04/07/2011 11:04

Rancho Cordova CA 95670

BRO12

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
<b>GC/MS Volatiles SW-846 8260B</b>			ug/l	ug/l	
10943	Benzene	71-43-2	N.D.	0.5	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1
10943	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	1
10943	Toluene	108-88-3	N.D.	0.5	1
10943	Xylene (Total)	1330-20-7	N.D.	0.5	1
<b>GC Volatiles SW-846 8015B</b>			ug/l	ug/l	
01728	TPH-GRO N. CA water C6-C12	n.a.	63	50	1

**General Sample Comments**

State of California Lab Certification No. 2501

Trip blank vials were not received by the laboratory for this sample group.

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

**Laboratory Sample Analysis Record**

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX/MTBE 8260 Water	SW-846 8260B	1	F110902AA	03/31/2011 16:43	Anita M Dale	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F110902AA	03/31/2011 16:43	Anita M Dale	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	11094B07A	04/05/2011 07:43	Elizabeth J Marin	1
01146	GC VOA Water Prep	SW-846 5030B	1	11094B07A	04/05/2011 07:43	Elizabeth J Marin	1

## Quality Control Summary

 Client Name: Chevron c/o CRA  
 Reported: 04/07/11 at 11:04 AM

Group Number: 1239540

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

<u>Analysis Name</u>	<u>Blank Result</u>	<u>Blank MDL</u>	<u>Report Units</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>LCS/LCSD Limits</u>	<u>RPD</u>	<u>RPD Max</u>
Batch number: F110902AA	Sample number(s): 6242756-6242765							
t-Amyl methyl ether	N.D.	0.5	ug/l	84		77-120		
Benzene	N.D.	0.5	ug/l	97		79-120		
t-Butyl alcohol	N.D.	2.	ug/l	95		62-129		
1,2-Dibromoethane	N.D.	0.5	ug/l	88		80-120		
1,2-Dichloroethane	N.D.	0.5	ug/l	92		70-130		
Ethyl t-butyl ether	N.D.	0.5	ug/l	90		76-120		
Ethylbenzene	N.D.	0.5	ug/l	95		79-120		
di-Isopropyl ether	N.D.	0.5	ug/l	93		71-124		
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	92		76-120		
Toluene	N.D.	0.5	ug/l	96		79-120		
Xylene (Total)	N.D.	0.5	ug/l	96		80-120		
Batch number: 11094B07A	Sample number(s): 6242756-6242765							
TPH-GRO N. CA water C6-C12	N.D.	50.	ug/l	100	109	75-135	9	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

<u>Analysis Name</u>	<u>MS %REC</u>	<u>MSD %REC</u>	<u>MS/MSD Limits</u>	<u>RPD</u>	<u>RPD MAX</u>	<u>BKG Conc</u>	<u>DUP Conc</u>	<u>DUP RPD</u>	<u>Dup RPD Max</u>
Batch number: F110902AA	Sample number(s): 6242756-6242765 UNSPK: P242752								
t-Amyl methyl ether	85	83	75-122	2	30				
Benzene	102	97	80-126	4	30				
t-Butyl alcohol	95	95	67-119	1	30				
1,2-Dibromoethane	90	87	77-116	4	30				
1,2-Dichloroethane	96	91	66-141	6	30				
Ethyl t-butyl ether	90	86	74-122	5	30				
Ethylbenzene	100	96	71-134	3	30				
di-Isopropyl ether	95	90	70-129	5	30				
Methyl Tertiary Butyl Ether	93	88	72-126	5	30				
Toluene	100	96	80-125	4	30				
Xylene (Total)	101	98	79-125	3	30				

### Surrogate Quality Control

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

\*- Outside of specification

- (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 c/o CRA  
Reported: 04/07/11 at 11:04 AM

Group Number: 1239540

### Surrogate Quality Control

Analysis Name: UST VOCs by 8260B - Water  
Batch number: F110902AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
6242756	100	100	96	88
6242757	97	101	98	91
6242758	99	100	97	91
6242759	98	101	96	89
6242760	98	101	100	93
6242761	98	100	95	88
6242762	93	99	94	104
6242763	98	101	96	89
6242764	100	102	96	89
6242765	100	102	96	91
Blank	97	101	97	90
LCS	96	99	96	99
MS	96	100	95	100
MSD	94	98	97	100
Limits:	80-116	77-113	80-113	78-113

Analysis Name: TPH-GRO N. CA water C6-C12  
Batch number: 11094B07A  
Trifluorotoluene-F

6242756	87
6242757	89
6242758	84
6242759	87
6242760	90
6242761	83
6242762	96
6242763	86
6242764	83
6242765	85
Blank	86
LCS	93
LCSD	96
Limits:	63-135

\*- Outside of specification

- (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.

# Explanation of Symbols and Abbreviations

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

<b>RL</b>	Reporting Limit	<b>BMQL</b>	Below Minimum Quantitation Level
<b>N.D.</b>	none detected	<b>MPN</b>	Most Probable Number
<b>TNTC</b>	Too Numerous To Count	<b>CP Units</b>	cobalt-chloroplatinate units
<b>IU</b>	International Units	<b>NTU</b>	nephelometric turbidity units
<b>umhos/cm</b>	micromhos/cm	<b>ng</b>	nanogram(s)
<b>C</b>	degrees Celsius	<b>F</b>	degrees Fahrenheit
<b>meq</b>	milliequivalents	<b>lb.</b>	pound(s)
<b>g</b>	gram(s)	<b>kg</b>	kilogram(s)
<b>ug</b>	microgram(s)	<b>mg</b>	milligram(s)
<b>ml</b>	milliliter(s)	<b>l</b>	liter(s)
<b>m3</b>	cubic meter(s)	<b>ul</b>	microliter(s)
<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>J</b>	estimated value – The result is $\geq$ the Method Detection Limit (MDL) and $<$ the Limit of Quantitation (LOQ).		
<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. All other results are reported on an as-received basis.		

## U.S. EPA CLP Data Qualifiers:

Organic Qualifiers		Inorganic Qualifiers	
<b>A</b>	TIC is a possible aldol-condensation product	<b>B</b>	Value is $<$ CRDL, but $\geq$ IDL
<b>B</b>	Analyte was also detected in the blank	<b>E</b>	Estimated due to interference
<b>C</b>	Pesticide result confirmed by GC/MS	<b>M</b>	Duplicate injection precision not met
<b>D</b>	Compound quantitated on a diluted sample	<b>N</b>	Spike sample not within control limits
<b>E</b>	Concentration exceeds the calibration range of the instrument	<b>S</b>	Method of standard additions (MSA) used for calculation
<b>N</b>	Presumptive evidence of a compound (TICs only)	<b>U</b>	Compound was not detected
<b>P</b>	Concentration difference between primary and confirmation columns $>$ 25%	<b>W</b>	Post digestion spike out of control limits
<b>U</b>	Compound was not detected	<b>*</b>	Duplicate analysis not within control limits
<b>X,Y,Z</b>	Defined in case narrative	<b>+</b>	Correlation coefficient for MSA $<$ 0.995

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

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

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

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