



Brian Waite  
Project Manager  
Marketing Business Unit

Chevron Environmental  
Management Company  
6101 Bollinger Canyon Road  
San Ramon, CA 94583  
Tel (925) 790-6486  
BWaite@Chevron.com

December 12, 2012

**RECEIVED**

*By Alameda County Environmental Health at 4:29 pm, Dec 19, 2012*

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

Re: Chevron Facility # 92506

Address: 2630 Broadway, Oakland, CA

I have reviewed the attached report titled Second Semi-Annual 2012 Groundwater Monitoring Report and dated December 12, 2012.

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

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

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

Sincerely,

**Brian A. Waite**

Digitally signed by Brian A. Waite  
DN: cn=Brian A. Waite, o=Chevron Environmental Management Company,  
ou=Marketing Business Unit, email=BWaite@chevron.com, c=US  
Date: 2012.12.12 12:17:35 -08'00'

Brian Waite  
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>

December 12, 2012

Reference No. 611962D

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

Re: Second Semi-Annual 2012 Groundwater Monitoring Report  
Former Chevron Service Station 92506  
2630 Broadway  
Oakland, California  
Case No. RO0000146

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Dear Mr. Detterman:

Conestoga-Rovers & Associates (CRA) is submitting this *Second Semi-Annual 2012 Groundwater Monitoring Report* for the site referenced above (Figure 1) on behalf of Chevron Environmental Management Company (Chevron). Groundwater monitoring and sampling was performed by Gettler-Ryan Inc. (G-R) of Dublin, California. A copy of G-R's *Groundwater Monitoring and Sampling Report* is included as Attachment A. Current and historical groundwater monitoring data are presented in Tables 1 and 2 of Attachment A. A copy of the laboratory analytical report is also included in Attachment A.

### **RESULTS OF SECOND SEMI-ANNUAL 2012 EVENT**

On September 14, 2012, G-R gauged the remaining site wells (B-1, B-3, and B-5 through B-12) and sampled B-1, B-3, B-5, and B-7 through B-9 per the established schedule.

Results of the current monitoring event indicate the following:

- |                              |  |
|------------------------------|--|
| • Groundwater Flow Direction | Southerly (see Figure 1 of Attachment A) |
| • Hydraulic Gradient         | 0.004 to 0.013                           |
| • Approximate Depth to Water | 6.5 to 11 feet below grade               |

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The analytical results of the current sampling event are presented below in Table A and summarized on Figure 2.

<b>TABLE A: GROUNDWATER ANALYTICAL DATA</b>							
<i>Well ID</i>	<i>TPHg (µg/L)</i>	<i>Benzene (µg/L)</i>	<i>Toluene (µg/L)</i>	<i>Ethylbenzene (µg/L)</i>	<i>Total Xylenes (µg/L)</i>	<i>MTBE (µg/L)</i>	<i>TBA (µg/L)</i>
B-1 <sup>a</sup>	<50	<0.5	<0.5	<0.5	<0.5	3	120
B-3 <sup>b</sup>	440	<0.5	0.7	<0.5	2	4	1,600
B-5 <sup>c</sup>	160	<0.5	<0.5	<0.5	<0.5	5	4
B-6	Dry						
B-7 <sup>c</sup>	<50	<0.5	<0.5	<0.5	<0.5	11	<2
B-8 <sup>c</sup>	<50	<0.5	<0.5	<0.5	<0.5	4	<2
B-9 <sup>c</sup>	2,700	7	2	2	4	29	100
B-10	Sampled annually						
B-11	Sampled annually						
B-12	Sampled annually						
<b>ESL</b>	<b>210</b>	<b>46</b>	<b>130</b>	<b>43</b>	<b>100</b>	<b>1,800</b>	<b>18,000</b>
µg/L	Micrograms per liter						
<	Indicates constituent was not detected at or above stated laboratory reporting limit						
a	Other fuel oxygenates, 1,2-dichloroethane (1,2-DCA), and 1,2-dibromoethane (EDB) not detected except for ethyl tertiary butyl ether (ETBE) at 1 µg/L						
b	Other fuel oxygenates, 1,2-DCA, and EDB not detected except for ETBE at 6 µg/L						
c	Other fuel oxygenates, 1,2-DCA, and EDB not detected						
ESL	Groundwater Environmental Screening Level - Table B, Groundwater is not a current or potential source of drinking water - RWQCB, May 2008						

## CONCLUSIONS AND RECOMMENDATIONS

Results of this semi-annual groundwater monitoring and sampling event indicate:

- Current dissolved concentrations were similar to or less than recent results.
- Low concentrations of total petroleum hydrocarbons as gasoline (TPHg) remain in B-3 and B-5 in the area of the former underground storage tanks (USTs); the concentrations have remained relatively stable over the past several years, but are well below historical maximums. TPHg has not been detected in B-1 since 2009, is only periodically detected in B-7, and generally has not been detected in B-8.



December 12, 2012

Reference No. 611962D

- 3 -

- Elevated concentrations of TPHg continue to be detected in B-9, and have remained relatively stable since 2004.
- Benzene, toluene, ethylbenzene, and xylenes (BTEX) compounds were only detected in B-3 and B-9; the remaining concentrations are low and below the ESLs. Benzene only remains in B-9 and is decreasing overall. BTEX have not been detected in the remaining wells for at least several years. Low concentrations of methyl tertiary butyl ether (MTBE) (below the ESL) remain in all the onsite wells; the concentrations have either remained relatively stable over the past several years, or continue to decrease. Tertiary butyl alcohol (TBA) continues to be detected in B-1, B-3, B-5, and B-9; the concentrations are stable to declining, below the ESL, and likely indicate the biodegradation of MTBE in the subsurface. TBA has never been detected in B-7 or B-8.
- The plume appears to be stable and adequately defined.

Based on an evaluation of the site conditions to the low-threat closure criteria specified in the recently enacted *Low-Threat Underground Storage Tank Case Closure Policy*, the site meets the criteria for closure as a low-threat site. As such, no further monitoring is recommended. CRA, on behalf of Chevron, is currently preparing a closure request in accordance with the low-threat criteria. This request should be submitted prior to the end of 2012. Unless directed otherwise by ACEH, Chevron plans to temporarily discontinue groundwater monitoring at the site pending a response to this closure request, once submitted.

### **ANTICIPATED FUTURE ACTIVITIES**

#### ***Groundwater Monitoring***

As stated above, no further groundwater monitoring is planned at this time.

#### ***Low-Threat Closure Request***

As mentioned above, a low-threat closure request will be prepared and submitted to ACEH.



**CONESTOGA-ROVERS  
& ASSOCIATES**

December 12, 2012

Reference No. 611962D

- 4 -

We appreciate your assistance on this project. 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/12

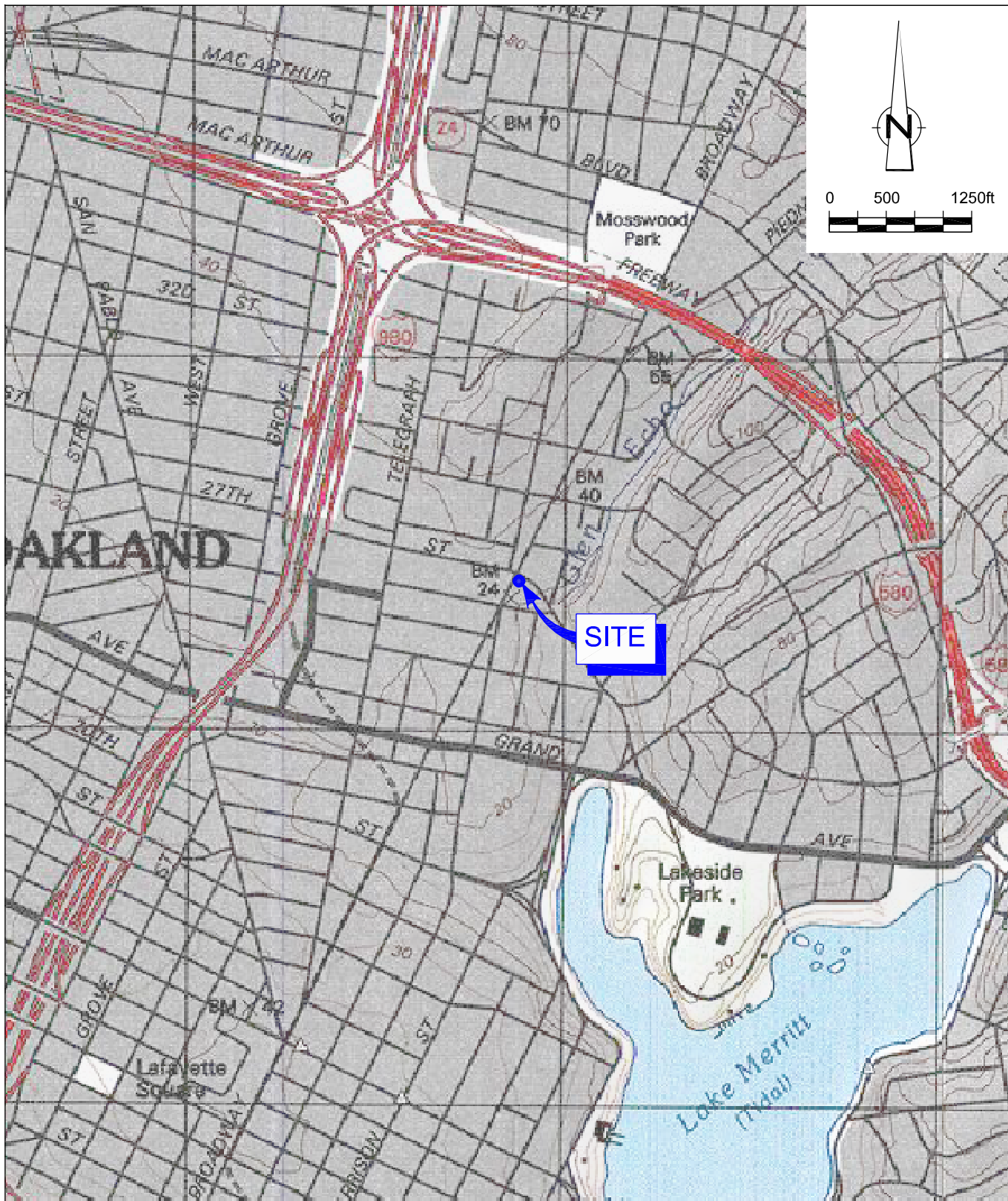
Encl.

Figure 1          Vicinity Map  
Figure 2          Concentration Map

Attachment A      Groundwater Monitoring and Sampling Report

cc:      Mr. Brian Waite, Chevron (*electronic copy*)  
         Mr. Steve Simi, Steve & Cecilia Simi, Trustees of TDK Trust

## FIGURES



SOURCE: TOPO! MAPS.

Figure 1  
 VICINITY MAP  
 FORMER CHEVRON STATION 92506  
 2630 BROADWAY  
 Oakland, California



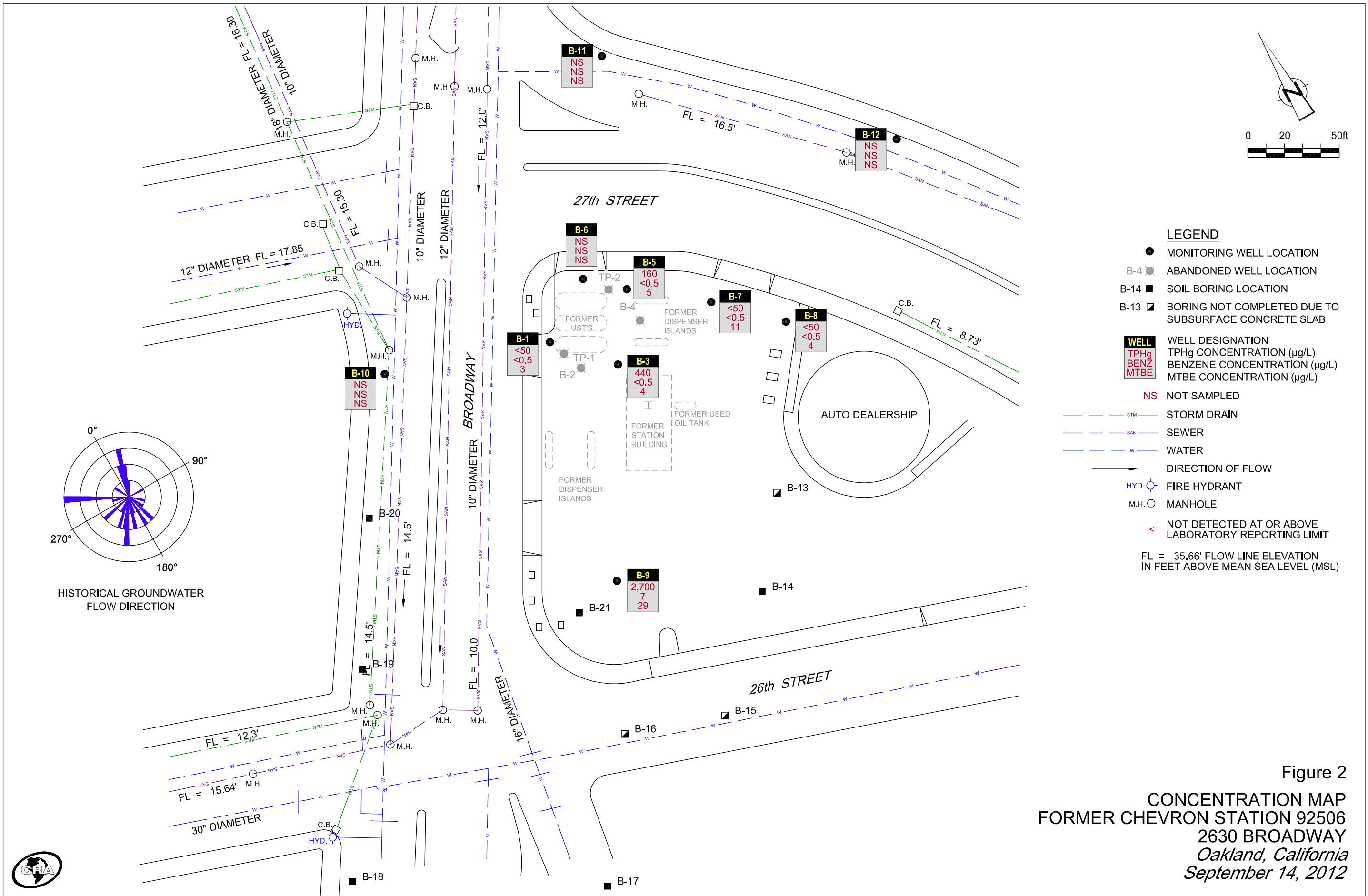


Figure 2  
 CONCENTRATION MAP  
 FORMER CHEVRON STATION 92506  
 2630 BROADWAY  
 Oakland, California  
 September 14, 2012



ATTACHMENT A

GROUNDWATER MONITORING AND SAMPLING REPORT



# GETTLER-RYAN INC.



October 17, 2012  
G-R Job #385203

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

**RE: Second Semi-Annual Event of September 14, 2012**  
Groundwater Monitoring & Sampling Report  
Former Chevron Service Station #9-2506  
2630 Broadway  
Oakland, California

Dear Ms. Fischer:

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.

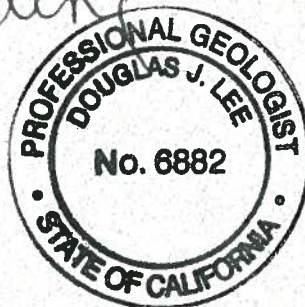
Groundwater samples were collected from the monitoring wells and submitted to a state certified laboratory for analyses. The field data sheets for this event are attached. Analytical results are presented in the table(s) listed below. The chain of custody document and laboratory analytical report are 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.

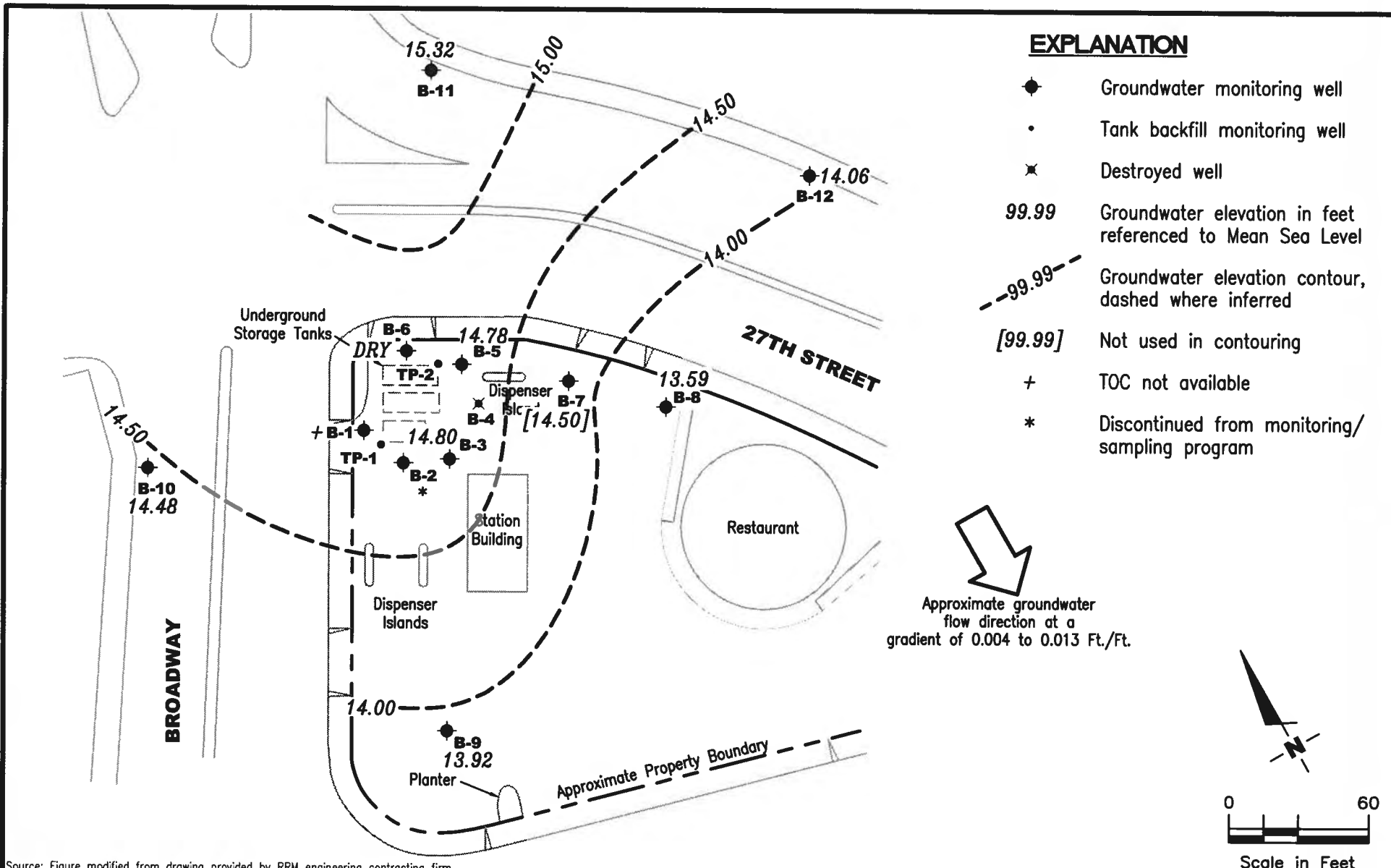
Sincerely,

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 <b>385203</b>	REVIEWED BY	DATE September 14, 2012	REVISED DATE
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**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>	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>	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>	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>	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>	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>	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>	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>	9.08	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	4
09/10/11 <sup>13</sup>		-- <sup>14</sup>	8.86	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	2
03/21/12 <sup>13</sup>		-- <sup>14</sup>	10.33	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/14/12 <sup>13</sup>		-- <sup>14</sup>	<b>11.12</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>3</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

**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-3 (cont)</b>											
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
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	8
03/31/09 <sup>13</sup>	NP	24.43	16.22	8.21	0.00	0.00	830	7	0.7	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
09/10/11 <sup>13</sup>	24.43	15.55	8.88	0.00	0.00	320	<0.5	0.8	<0.5	1	8
03/21/12 <sup>13</sup>	24.43	15.62	8.81	0.00	0.00	270	<0.5	<0.5	<0.5	<0.5	2
<b>09/14/12<sup>13</sup></b>	<b>24.43</b>	<b>14.80</b>	<b>9.63</b>	<b>0.00</b>	<b>0.00</b>	<b>440</b>	<b>&lt;0.5</b>	<b>0.7</b>	<b>&lt;0.5</b>	<b>2</b>	<b>4</b>

**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</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	--	--	--	--	--	--	--	--	
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	

**Table 1**  
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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>											
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
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
09/10/11 <sup>13</sup>	24.24	15.51	8.73	0.00	0.00	430	<0.5	<0.5	<0.5	<0.5	8
03/21/12 <sup>13</sup>	24.24	16.01	8.23	0.00	0.00	280	<0.5	<0.5	<0.5	<0.5	4
<b>09/14/12<sup>13</sup></b>	<b>24.24</b>	<b>14.78</b>	<b>9.46</b>	<b>0.00</b>	<b>0.00</b>	<b>160</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>5</b>
<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	15,000
03/22/96	24.72	17.78	6.94	--	--	<1,200 <sup>1</sup>	<12	<12	<12	<12	18,000



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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>											
09/25/96	24.72	15.09	9.63	--	--	15,000 <sup>1</sup>	<10	<10	<10	<10	20,000
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	--	--	--	--	--	--	--	--
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
09/10/11	25.11	DRY	--	--	--	--	--	--	--	--	--
03/21/12 <sup>13</sup>	25.11	DRY	--	--	--	--	--	--	--	--	--
09/14/12 <sup>13</sup>	25.11	DRY	--	--	--	--	--	--	--	--	--

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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</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	--
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>5</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

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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-7 (cont)</b>											
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
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
09/10/11 <sup>13</sup>	22.18	15.22	6.96	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	14
03/21/12 <sup>13</sup>	22.18	17.32	4.86	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	3
09/14/12 <sup>13</sup>	22.18	14.50	7.68	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	11
<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

**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-8 (cont)</b>											
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				--	--	--	--	--	--
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
09/10/11 <sup>13</sup>	21.01	14.33	6.68	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	6
03/21/12 <sup>13</sup>	21.01	16.35	4.66	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/14/12 <sup>13</sup>	<b>21.01</b>	<b>13.59</b>	<b>7.42</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>

**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</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	
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	

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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-9 (cont)</b>											
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
09/10/11 <sup>13</sup>	22.93	14.22	8.71	0.00	0.00	2,700	6	4	2	4	33
03/21/12 <sup>13</sup>	22.93	13.68	9.25	0.00	0.00	4,800	100	9	9	8	25
09/14/12 <sup>13</sup>	22.93	13.92	9.01	0.00	0.00	2,700	7	2	2	4	29
<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	--
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

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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>											
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
09/10/11	25.56	14.65	10.91	0.00	0.00	SAMPLED ANNUALLY	--	--	--	--	--
03/21/12 <sup>13</sup>	25.56	15.07	10.49	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
<b>09/14/12</b>	<b>25.56</b>	<b>14.48</b>	<b>11.08</b>	<b>0.00</b>	<b>0.00</b>	<b>SAMPLED ANNUALLY</b>	--	--	--	--	--
<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

**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-11 (cont)</b>											
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
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
09/10/11	25.27	16.14	9.13	0.00	0.00	SAMPLED ANNUALLY	--	--	--	--	--
03/21/12 <sup>13</sup>	25.27	17.62	7.65	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
<b>09/14/12</b>	<b>25.27</b>	<b>15.32</b>	<b>9.95</b>	<b>0.00</b>	<b>0.00</b>	<b>SAMPLED ANNUALLY</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>
<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	--



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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-12 (cont)</b>											
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				--	--	--	--	--	--
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

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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-12 (cont)</b>											
09/10/11	20.41	16.98	3.43	0.00	0.00	SAMPLED ANNUALLY	--	--	--	--	--
03/21/12 <sup>13</sup>	20.41	18.16	2.25	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/14/12	20.41	14.06	6.35	0.00	0.00	SAMPLED ANNUALLY	--	--	--	--	--
<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	--
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	--	--	--	--	--	--	--

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2630 Broadway  
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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-4 (cont)</b>											
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	--
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

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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>QA</b>											
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
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
<b>DISCONTINUED</b>											
09/14/12 <sup>13</sup>	--	--	--	--	--	<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

**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	
	09/10/11	--	340	2	<0.5	3	<0.5	<0.5	<0.5	
03/21/12	--	57	<0.5	<0.5	0.8	<0.5	<0.5	<0.5		
09/14/12	--	120	3	<0.5	1	<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		

**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-3 (cont)</b>	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
	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
	09/10/11	--	590	8	<0.5	2	<0.5	<0.5	<0.5
	03/21/12	--	1,100	2	<0.5	4	<0.5	<0.5	<0.5
	<b>09/14/12</b>	--	<b>1,600</b>	<b>4</b>	<b>&lt;0.5</b>	<b>6</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>
<b>B-5</b>	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
	09/10/11	--	13	8	<0.5	<0.5	<0.5	<0.5	<0.5
03/21/12	--	<2	4	<0.5	<0.5	<0.5	<0.5	<0.5	
<b>09/14/12</b>	--	<b>4</b>	<b>5</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-6</b>	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			--	--	--	--	--

**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>	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		--	--	--	--	--	--
	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	--	--	--	--	--	--	--
	03/28/11	--	<2	4	<0.5	13	<0.5	<0.5	<0.5
	09/10/11	DRY	--	--	--	--	--	--	--
	03/21/12	DRY	--	--	--	--	--	--	--
<b>09/14/12</b>	<b>DRY</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	
03/28/11	--	<2	1	<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-7 (cont)	09/10/11	--	<2	14	<0.5	<0.5	<0.5	<0.5	<0.5
	03/21/12	--	<2	3	<0.5	<0.5	<0.5	<0.5	<0.5
	09/14/12	--	<2	11	<0.5	<0.5	<0.5	<0.5	<0.5
B-8	09/21/01	--	UNABLE TO LOCATE - WELL COVERED WITH DIRT				--	--	--
	08/21/02	--	<100	11	<2	<2	<2	<2	<2
	03/11/03	--	<5	4	<0.5	<0.5	<0.5	<0.5	<0.5
	09/05/03	<50	<5	9	<0.5	<0.5	<0.5	<0.5	<0.5
	03/12/04	<50	<5	4	<0.5	<0.5	<0.5	<0.5	<0.5
	08/30/04	<50	<5	10	<0.5	<0.5	<0.5	<0.5	<0.5
	03/04/05	<50	<5	2	<0.5	<0.5	<0.5	<0.5	<0.5
	09/01/05	<50	<5	7	<0.5	<0.5	<0.5	<0.5	<0.5
	03/20/06	<50	<5	2	<0.5	<0.5	<0.5	<0.5	<0.5
	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
	03/28/11	--	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	09/10/11	--	<2	6	<0.5	<0.5	<0.5	<0.5	<0.5
03/21/12	--	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	
09/14/12	--	<2	4	<0.5	<0.5	<0.5	<0.5	<0.5	
B-9	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	

**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-9 (cont)</b>	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
	03/28/11	--	99	25	<0.5	<0.5	<0.5	<0.5	0.6
	09/10/11	--	100	33	<0.5	<0.5	0.6	<0.5	0.6
	03/21/12	--	100	25	<0.5	<0.5	<0.5	<0.5	<0.5
	<b>09/14/12</b>	--	<b>100</b>	<b>29</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-10</b>	09/21/01	--	<100	<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		--	3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
09/27/10		SAMPLED ANNUALLY		--	--	--	--	--	--
03/28/11	--	--	<0.5	--	--	--	--	--	
03/21/12	--	--	<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-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	--	--	--	--	--
03/21/12	--	--	<0.5	--	--	--	--	--	
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	

**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 (cont)	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	--	--	--	--	--
	03/21/12	--	--	<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.

A laboratory supplied trip blank accompanies each sampling set. The trip blank is analyzed for some or all of the same compounds as the groundwater samples.

As requested by Chevron Environmental Management Company, the purge water and decontamination water generated during sampling activities is transported by Clean Harbors Environmental Services to Evergreen Oil located in Newark, California.



# GETTLER-RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-2506 Job Number: 385203  
 Site Address: 2630 Broadway Event Date: 9-14-12 (inclusive)  
 City: Oakland, CA Sampler: AW

Well ID: B-1  
 Well Diameter: 2 in.  
 Total Depth: 29.02 ft.  
 Depth to Water: 11.12 ft.  
17.90 xVF = .17 = 3.04

Date Monitored: 9-14-12

Volume Factor (VF)	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

Check if water column is less than 0.50 ft.

x3 case volume = Estimated Purge Volume: 9.5 gal.  
 Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 14-70

### 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): 0945 Weather Conditions: Cloudy  
 Sample Time/Date: 1030 / 9-14-12 Water Color: Cloudy Odor: Y  
 Approx. Flow Rate: - gpm. Sediment Description: Cloudy  
 Did well de-water? N If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal. DTW @ Sampling: 13-36

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
<u>0955</u>	<u>3.5</u>	<u>6.75</u>	<u>299</u>	<u>20.3</u>		
<u>1003</u>	<u>7.0</u>	<u>6.92</u>	<u>274</u>	<u>20.5</u>		
<u>1015</u>	<u>9.5</u>	<u>7.00</u>	<u>250</u>	<u>20.8</u>		

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
B-	x voa vial	YES	HCL	LANCASTER	TPH-GRO(8015)/BTEX+MTBE(8260)
	<u>6</u> 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: 9-14-12 (inclusive)  
 City: Oakland, CA Sampler: AW

Well ID: B-3  
 Well Diameter: 2 in.  
 Total Depth: 16.17 ft.  
 Depth to Water: 9.63 ft.  
6.54 xVF = 0.17 = 1.11

Date Monitored: 9-14-12

Volume Factor (VF)	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

Check if water column is less than 0.50 ft.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 10.93 x3 case volume = Estimated Purge Volume: 3.5 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): 1215 Weather Conditions: Cloudy / Sunny  
 Sample Time/Date: 1235 / 9-14-12 Water Color: black Odor: DN / moderate  
 Approx. Flow Rate: - gpm. Sediment Description: cloudy  
 Did well de-water? - If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal. DTW @ Sampling: 9.63

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - µS)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)

### LABORATORY INFORMATION

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

COMMENTS: Casing bent, No purge sample using pin bailer

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: 9-14-12 (inclusive)  
 City: Oakland, CA Sampler: AW

Well ID: B-5  
 Well Diameter: 2 in.  
 Total Depth: 19.52 ft.  
 Depth to Water: 9.46 ft.

Date Monitored: 9-14-12

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]: 11.47  
 $10.06 \times VF .17 = 1.71$  x3 case volume = Estimated Purge Volume: 5.5 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: \_\_\_\_\_  
 Product Transferred to: \_\_\_\_\_

Start Time (purge): 1045 Weather Conditions: Sunny  
 Sample Time/Date: 1115 / 9-14-12 Water Color: black Odor: DN strong  
 Approx. Flow Rate: - gpm. Sediment Description: cloudy  
 Did well de-water? N If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal. DTW @ Sampling: 11.01

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - µS)	Temperature (°F)	D.O. (mg/L)	ORP (mV)
1050	2.0	6.81	242	20.7		
1055	4.0	7.04	277	21.0		
1100	5.5	7.11	290	21.2		

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
B-5	x voa vial	YES	HCL	LANCASTER	TPH-GRO(8015)/BTEX+MTBE(8260)
	6 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: 9-14-12 (inclusive)  
 City: Oakland, CA Sampler: AW

Well ID: B-6  
 Well Diameter: 2 in.  
 Total Depth: 9.20 ft.  
 Depth to Water: N/A ft.

Date Monitored: 9-14-12

Volume Factor (VF)	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

Check if water column is less than 0.50 ft.

xVF \_\_\_\_\_ = \_\_\_\_\_ x3 case volume = Estimated Purge Volume: \_\_\_\_\_ gal.

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

### 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): \_\_\_\_\_ Weather Conditions: \_\_\_\_\_  
 Sample Time/Date: / Water Color: \_\_\_\_\_ Odor: Y / N  
 Approx. Flow Rate: \_\_\_\_\_ gpm. Sediment Description: \_\_\_\_\_  
 Did well de-water? \_\_\_\_\_ If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal. DTW @ Sampling: \_\_\_\_\_

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - µS)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
B-	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: Dry @ 9.20 ft.

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: 9-14-12 (inclusive)  
 City: Oakland, CA Sampler: AW

Well ID: B-7  
 Well Diameter: 2 in.  
 Total Depth: 19.29 ft.  
 Depth to Water: 7.68 ft.  
11.61 xVF .17 = 1.97

Date Monitored: 9-14-12

Volume Factor (VF)	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

Check if water column is less than 0.50 ft.

x3 case volume = Estimated Purge Volume: 6.0 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 10.00

### 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): 1130 Weather Conditions: Sunny  
 Sample Time/Date: 1200 / 9-14-12 Water Color: Cloudy Odor: GIN Slight  
 Approx. Flow Rate: - gpm. Sediment Description: Cloudy  
 Did well de-water? N If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal. DTW @ Sampling: 9.23

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm <u>US</u> )	Temperature (°/ F)	D.O. (mg/L)	ORP (mV)
<u>1135</u>	<u>2.0</u>	<u>6.73</u>	<u>248</u>	<u>21.2</u>	_____	_____
<u>1140</u>	<u>4.0</u>	<u>6.82</u>	<u>276</u>	<u>21.4</u>	_____	_____
<u>1145</u>	<u>6.0</u>	<u>6.94</u>	<u>304</u>	<u>21.6</u>	_____	_____

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>B-7</u>	<u>6</u> x voa vial	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-GRO(8015)/BTEX+MTBE(8260)</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: 9-14-12 (inclusive)  
 City: Oakland, CA Sampler: AW

Well ID: B-8  
 Well Diameter: 2 in.  
 Total Depth: 19.45 ft.  
 Depth to Water: 7.42 ft.  
12.03 xVF .17 = 2.0

Date Monitored: 9-14-12

Volume Factor (VF)	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

Check if water column is less than 0.50 ft.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 9.82

x3 case volume = Estimated Purge Volume: 6.0 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: \_\_\_\_\_  
 Product Transferred to: \_\_\_\_\_

Start Time (purge): 0900 Weather Conditions: Cloudy  
 Sample Time/Date: 0930 / 9-14-12 Water Color: Cloudy Odor: Y / 0  
 Approx. Flow Rate: \_\_\_\_\_ gpm. Sediment Description: Cloudy  
 Did well de-water? ✓ If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal. DTW @ Sampling: 8.77

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm @ 25°C)	Temperature (°C / °F)	D.O. (mg/L)	ORP (mV)
<u>0905</u>	<u>2.0</u>	<u>6.77</u>	<u>266</u>	<u>20.2</u>		
<u>0910</u>	<u>4.0</u>	<u>6.84</u>	<u>294</u>	<u>20.6</u>		
<u>0915</u>	<u>6.0</u>	<u>6.90</u>	<u>314</u>	<u>20.8</u>		

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>B-8</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: 9-14-12 (inclusive)  
 City: Oakland, CA Sampler: AW

Well ID: B-9  
 Well Diameter: 2 in.  
 Total Depth: 17.20 ft.  
 Depth to Water: 9.01 ft.  
8.19 xVF .17 = 1.39

Date Monitored: 9-14-12

Volume Factor (VF)	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

Check if water column is less than 0.50 ft.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 10.64 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): ~~1255~~ 1255 Weather Conditions: Cloudy / Sunny  
 Sample Time/Date: 1325 / 9-14-12 Water Color: Cloudy Odor: DI N / Strong  
 Approx. Flow Rate: \_\_\_\_\_ gpm. Sediment Description: Cloudy  
 Did well de-water? N If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal. DTW @ Sampling: 10.33

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - 25°C)	Temperature (°F)	D.O. (mg/L)	ORP (mV)
<u>1300</u>	<u>1.5</u>	<u>6.40</u>	<u>322</u>	<u>21.1</u>	_____	_____
<u>1305</u>	<u>3.0</u>	<u>6.67</u>	<u>349</u>	<u>21.4</u>	_____	_____
<u>1310</u>	<u>4.5</u>	<u>6.83</u>	<u>377</u>	<u>21.8</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)
	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: 9-14-12 (inclusive)  
 City: Oakland, CA Sampler: Aw

Well ID: B-10  
 Well Diameter: 2 in.  
 Total Depth: 18.68 ft.  
 Depth to Water: 11.08 ft.  
7.60 xVF \_\_\_\_\_ = \_\_\_\_\_ x3 case volume = Estimated Purge Volume: \_\_\_\_\_ gal.

Date Monitored: 9-14-12

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]: \_\_\_\_\_

### 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): \_\_\_\_\_ Weather Conditions: \_\_\_\_\_  
 Sample Time/Date: \_\_\_\_\_ / \_\_\_\_\_ Water Color: \_\_\_\_\_ Odor: Y / N  
 Approx. Flow Rate: \_\_\_\_\_ gpm. Sediment Description: \_\_\_\_\_  
 Did well de-water? \_\_\_\_\_ If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal. DTW @ Sampling: \_\_\_\_\_

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - µS)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
B-	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: M/O



# GETTLER - RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-2506 Job Number: 385203  
 Site Address: 2630 Broadway Event Date: 9-14-12 (inclusive)  
 City: Oakland, CA Sampler: Aw

Well ID: B-11  
 Well Diameter: 2 in.  
 Total Depth: 18.98 ft.  
 Depth to Water: 9.95 ft.  
9.03 xVF \_\_\_\_\_ = \_\_\_\_\_ x3 case volume = Estimated Purge Volume: \_\_\_\_\_ gal.

Date Monitored: 9-14-12

Volume Factor (VF)	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

Check if water column is less than 0.50 ft.

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

### 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): \_\_\_\_\_ Weather Conditions: \_\_\_\_\_  
 Sample Time/Date: \_\_\_\_\_ / \_\_\_\_\_ Water Color: \_\_\_\_\_ Odor: Y / N  
 Approx. Flow Rate: \_\_\_\_\_ gpm. Sediment Description: \_\_\_\_\_  
 Did well de-water? \_\_\_\_\_ If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal. DTW @ Sampling: \_\_\_\_\_

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - µS)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
B-	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: M/O



# GETTLER-RYAN Inc.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-2506 Job Number: 385203  
 Site Address: 2630 Broadway Event Date: 9-14-12 (inclusive)  
 City: Oakland, CA Sampler: AW

Well ID: B-12  
 Well Diameter: 2 in.  
 Total Depth: 18.28 ft.  
 Depth to Water: 6.35 ft.  
11.93 xVF = \_\_\_\_\_ x3 case volume = Estimated Purge Volume: \_\_\_\_\_ gal.

Date Monitored: 9-14-12

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]: \_\_\_\_\_

### 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): \_\_\_\_\_ Weather Conditions: \_\_\_\_\_  
 Sample Time/Date: \_\_\_\_\_ / \_\_\_\_\_ Water Color: \_\_\_\_\_ Odor: Y / N  
 Approx. Flow Rate: \_\_\_\_\_ gpm. Sediment Description: \_\_\_\_\_  
 Did well de-water? \_\_\_\_\_ If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal. DTW @ Sampling: \_\_\_\_\_

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - µS)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
B-	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: M/O

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

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

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



# Chevron California Region Analysis Request/Chain of Custody



091412-07

Acct. #: 10904 For Lancaster Laboratories use only Sample #: 6790362-68 Group #: 010347

C# 1335965

Facility #: SS#9-2506-OML G-R#385203 Global ID#10600101812  
 2630 BROADWAY, OAKLAND, CA  
 Site Address: AF CRAKJ Kiama  
 Chevron PM: G-R, Inc., 6747 Sierra Court, Suite J, Dublin, CA 94568  
 Consultant/Office: Deanna L. Harding (deanna@grinc.com)  
 Consultant Prj. Mgr.: 925-551-7555  
 Consultant Phone #: 925-551-7899  
 Sampler: Alex Wong

Matrix		Analyzes Requested												
Soil	Water	Oil	Air	Preservation Codes							Preservative Codes			
Soil	Water	Oil	Air	BTEX + MTBE 8260	TPH 8015 MOD GFO	TPH 8015 MOD DFO	8260 full scan	Oxygenates (8260)	Total Lead Method	Dissolved Lead Method				
				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				
				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				
				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				
				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				
				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				
				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				

**Preservative Codes**  
 H = HCl      T = Thiosulfate  
 N = HNO<sub>3</sub>    B = NaOH  
 S = H<sub>2</sub>SO<sub>4</sub>   O = Other

J value reporting needed  
 Must meet lowest detection limits possible for 8260 compounds

8021 MTBE Confirmation  
 Confirm highest hit by 8260  
 Confirm all hits by 8260  
 Run \_\_\_ oxy's on highest hit  
 Run \_\_\_ oxy's on all hits

Sample Identification	Date Collected	Time Collected	Grab	Composite	Soil	Water	Oil	Air	Total Number of Containers
QA	9-14-12								2
B-1		1030	X		X	X	X	X	6
B-3		1235	X		X	X	X	X	6
B-5		1115	X		X	X	X	X	6
B-7		1200	X		X	X	X	X	6
B-8		0930	X		X	X	X	X	6
B-9	✓	1325	X		X	X	X	X	6

**Comments / Remarks**

**Turnaround Time Requested (TAT) (please circle)**  
 STD. TAT      72 hour      48 hour  
 24 hour      4 day      5 day

**Data Package Options (please circle if required)**  
 QC Summary      Type I - Full      **EDF/EDD**  
 Type VI (Raw Data)       Coelt Deliverable not needed  
 WIP (RWQCB)  
 Disk

Relinquished by: <i>[Signature]</i>	Date: 9-14-12	Time: 1420	Received by: <i>[Signature]</i>	Date: 9/14/12	Time: 1420
Relinquished by: <i>[Signature]</i>	Date: 14 SEPT 12	Time: 1630	Received by: FEDES	Date:	Time:
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by Commercial Carrier: UPS <input checked="" type="checkbox"/> FedEx <input type="checkbox"/> Other	Temperature Upon Receipt: 1.0"-2.1" °C		Received by: <i>[Signature]</i>	Date: 9/15/12	Time: 950
			Custody Seals Intact?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No

## ANALYTICAL RESULTS

Prepared by:

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

Prepared for:

Chevron  
L4310  
6001 Bollinger Canyon Rd.  
San Ramon CA 94583

October 16, 2012

Project: 92506

Submittal Date: 09/15/2012  
Group Number: 1335965  
PO Number: 0015110335  
Release Number: WAITE  
State of Sample Origin: CA

RECEIVED

OCT 12 2012

GETTLER-RYAN INC.  
GENERAL CONTRACTORS

Client Sample Description

QA-T-120914 NA Water  
B-1-W-120914 Grab Water  
B-3-W-120914 Grab Water  
B-5-W-120914 Grab Water  
B-7-W-120914 Grab Water  
B-8-W-120914 Grab Water  
B-9-W-120914 Grab Water

Lancaster Labs (LLI) #

6790362  
6790363  
6790364  
6790365  
6790366  
6790367  
6790368

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

ELECTRONIC COPY TO CRA c/o Gettler-Ryan

Attn: Rachelle Munoz

ELECTRONIC COPY TO Chevron c/o CRA

Attn: Report Contact

ELECTRONIC COPY TO Chevron

Attn: Anna Avina

ELECTRONIC COPY TO Conestoga-Rovers & Associates

Attn: James Kiernan

ELECTRONIC COPY TO

ELECTRONIC COPY TO

ELECTRONIC COPY TO

ELECTRONIC COPY TO



Lancaster  
Laboratories

## ***Analysis Report***

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • [www.lancasterlabs.com](http://www.lancasterlabs.com)

Respectfully Submitted,

A handwritten signature in cursive script that reads "Jill M. Parker".

Jill M. Parker  
Senior Specialist

(717) 556-7262



Lancaster  
Laboratories

# Analysis Report

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-658-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Page 1 of 1

Sample Description: QA-T-120914 NA Water  
Facility# 92506 Job# 385203 GRD  
2630 Broadway-Oakland T0600101812 QA

LLI Sample # WW 6790362  
LLI Group # 1335965  
Account # 10904

Project Name: 92506

Collected: 09/14/2012

Chevron

Submitted: 09/15/2012 09:50

L4310

Reported: 10/16/2012 13:10

6001 Bollinger Canyon Rd.  
San Ramon CA 94583

BROQA

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

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	F122651AA	09/21/2012 07:08	Anita M Dale	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F122651AA	09/21/2012 07:08	Anita M Dale	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	12263A07A	09/20/2012 00:57	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	12263A07A	09/20/2012 00:57	Marie D John	1



Lancaster  
Laboratories

# 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-120914 Grab Water  
Facility# 92506 Job# 385203 GRD  
2630 Broadway-Oakland T0600101812 B-1

LLI Sample # WW 6790363  
LLI Group # 1335965  
Account # 10904

Project Name: 92506

Collected: 09/14/2012 10:30 by AW

Chevron

L4310

Submitted: 09/15/2012 09:50

6001 Bollinger Canyon Rd.

Reported: 10/16/2012 13:10

San Ramon CA 94583

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	120	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	1	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	3	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

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	F122651AA	09/21/2012 10:03	Anita M Dale	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F122651AA	09/21/2012 10:03	Anita M Dale	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	12263A07A	09/20/2012 03:04	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	12263A07A	09/20/2012 03:04	Marie D John	1



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# Analysis Report

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Page 1 of 1

**Sample Description: B-3-W-120914 Grab Water**  
**Facility# 92506 Job# 385203 GRD**  
**2630 Broadway-Oakland T0600101812 B-3**

**LLI Sample # WW 6790364**  
**LLI Group # 1335965**  
**Account # 10904**

**Project Name: 92506**

Collected: 09/14/2012 12:35 by AW

Chevron

L4310

Submitted: 09/15/2012 09:50

6001 Bollinger Canyon Rd.

Reported: 10/16/2012 13:10

San Ramon CA 94583

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	1,600	20	10
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	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	0.7	0.5	1
10943	Xylene (Total)	1330-20-7	2	0.5	1
<b>GC Volatiles SW-846 8015B</b>			ug/l	ug/l	
01728	TPH-GRO N. CA water C6-C12	n.a.	440	50	1

### General Sample Comments

State of California Lab Certification No. 2501

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

### Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX+5 Oxys+EDC+EDB Water	SW-846 8260B	1	F122651AA	09/21/2012 10:25	Anita M Dale	1
10943	BTEX+5 Oxys+EDC+EDB Water	SW-846 8260B	1	F122651AA	09/21/2012 15:53	Anita M Dale	10
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F122651AA	09/21/2012 10:25	Anita M Dale	1
01163	GC/MS VOA Water Prep	SW-846 5030B	2	F122651AA	09/21/2012 15:53	Anita M Dale	10
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	12263A07A	09/20/2012 03:30	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	12263A07A	09/20/2012 03:30	Marie D John	1



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# Analysis Report

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Page 1 of 1

Sample Description: B-5-W-120914 Grab Water  
Facility# 92506 Job# 385203 GRD  
2630 Broadway-Oakland T0600101812 B-5

LLI Sample # WW 6790365  
LLI Group # 1335965  
Account # 10904

Project Name: 92506

Collected: 09/14/2012 11:15 by AW

Chevron

L4310

Submitted: 09/15/2012 09:50

6001 Bollinger Canyon Rd.

Reported: 10/16/2012 13:10

San Ramon CA 94583

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>			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	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	5	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.	160	50	1

### General Sample Comments

State of California Lab Certification No. 2501

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

### Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX+5 Oxys+EDC+EDB Water	SW-846 8260B	1	F122651AA	09/21/2012 10:47	Anita M Dale	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F122651AA	09/21/2012 10:47	Anita M Dale	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	12263A07A	09/20/2012 03:55	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	12263A07A	09/20/2012 03:55	Marie D John	1



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Page 1 of 1

Sample Description: B-7-W-120914 Grab Water  
Facility# 92506 Job# 385203 GRD  
2630 Broadway-Oakland T0600101812 B-7

LLI Sample # WW 6790366  
LLI Group # 1335965  
Account # 10904

Project Name: 92506

Collected: 09/14/2012 12:00 by AW

Chevron

L4310

Submitted: 09/15/2012 09:50

6001 Bollinger Canyon Rd.

Reported: 10/16/2012 13:10

San Ramon CA 94583

BRO07

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
<b>GC/MS</b>	<b>Volatiles</b>	<b>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	11	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</b>	<b>Volatiles</b>	<b>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

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	F122651AA	09/21/2012 11:09	Anita M Dale	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F122651AA	09/21/2012 11:09	Anita M Dale	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	12263A07A	09/20/2012 04:21	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	12263A07A	09/20/2012 04:21	Marie D John	1





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Page 1 of 1

**Sample Description: B-8-W-120914 Grab Water**  
**Facility# 92506 Job# 385203 GRD**  
**2630 Broadway-Oakland T0600101812 B-8**

**LLI Sample # WW 6790367**  
**LLI Group # 1335965**  
**Account # 10904**

**Project Name: 92506**

Collected: 09/14/2012 09:30 by AW

Chevron

L4310

Submitted: 09/15/2012 09:50

6001 Bollinger Canyon Rd.

Reported: 10/16/2012 13:10

San Ramon CA 94583

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	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

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	F122651AA	09/21/2012 11:31	Anita M Dale	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F122651AA	09/21/2012 11:31	Anita M Dale	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	12263A07A	09/20/2012 06:55	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	12263A07A	09/20/2012 06:55	Marie D John	1



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# Analysis Report

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Page 1 of 1

**Sample Description:** B-9-W-120914 Grab Water  
 Facility# 92506 Job# 385203 GRD  
 2630 Broadway-Oakland T0600101812 B-9

LLI Sample # WW 6790368  
 LLI Group # 1335965  
 Account # 10904

**Project Name:** 92506

Collected: 09/14/2012 13:25 by AW

Chevron

L4310

Submitted: 09/15/2012 09:50

6001 Bollinger Canyon Rd.

Reported: 10/16/2012 13:10

San Ramon CA 94583

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	7	0.5	1
10943	t-Butyl alcohol	75-65-0	100	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	2	0.5	1
10943	di-Isopropyl ether	108-20-3	N.D.	0.5	1
10943	Methyl Tertiary Butyl Ether	1634-04-4	29	0.5	1
10943	Toluene	108-88-3	2	0.5	1
10943	Xylene (Total)	1330-20-7	4	0.5	1
<b>GC Volatiles SW-846 8015B</b>			ug/l	ug/l	
01728	TPH-GRO N. CA water C6-C12	n.a.	2,700	50	1

### General Sample Comments

State of California Lab Certification No. 2501

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

### Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX+5 Oxys+EDC+EDB Water	SW-846 8260B	1	F122651AA	09/21/2012 11:53	Anita M Dale	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F122651AA	09/21/2012 11:53	Anita M Dale	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	12263A07A	09/20/2012 07:20	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	12263A07A	09/20/2012 07:20	Marie D John	1

## Quality Control Summary

 Client Name: Chevron  
 Reported: 10/16/12 at 01:10 PM

Group Number: 1335965

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

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

### Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: F122651AA	Sample number(s): 6790362-6790368							
t-Amyl methyl ether	N.D.	0.5	ug/l	87		66-120		
Benzene	N.D.	0.5	ug/l	92		77-121		
t-Butyl alcohol	N.D.	2.	ug/l	99		68-125		
1,2-Dibromoethane	N.D.	0.5	ug/l	92		76-120		
1,2-Dichloroethane	N.D.	0.5	ug/l	106		64-130		
Ethyl t-butyl ether	N.D.	0.5	ug/l	90		66-120		
Ethylbenzene	N.D.	0.5	ug/l	92		79-120		
di-Isopropyl ether	N.D.	0.5	ug/l	83		71-124		
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	94		68-121		
Toluene	N.D.	0.5	ug/l	96		79-120		
Xylene (Total)	N.D.	0.5	ug/l	94		77-120		
Batch number: 12263A07A	Sample number(s): 6790362-6790368							
TPH-GRO N. CA water C6-C12	N.D.	50.	ug/l	109	109	75-135	0	30

### Sample Matrix Quality Control

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

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: F122651AA	Sample number(s): 6790362-6790368 UNSPK: P790395								
t-Amyl methyl ether	93	90	65-117	4	30				
Benzene	102	101	72-134	0	30				
t-Butyl alcohol	104	102	67-119	2	30				
1,2-Dibromoethane	98	98	77-116	0	30				
1,2-Dichloroethane	114	113	68-131	1	30				
Ethyl t-butyl ether	94	92	74-122	2	30				
Ethylbenzene	98	98	71-134	1	30				
di-Isopropyl ether	88	88	70-129	0	30				
Methyl Tertiary Butyl Ether	100	102	72-126	2	30				
Toluene	102	103	80-125	1	30				
Xylene (Total)	99	99	79-125	0	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  
Reported: 10/16/12 at 01:10 PM

Group Number: 1335965

### Surrogate Quality Control

Analysis Name: UST VOCs by 8260B - Water  
Batch number: F122651AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
6790362	105	97	99	94
6790363	106	101	98	94
6790364	103	96	99	98
6790365	104	98	99	99
6790366	105	98	98	93
6790367	106	99	98	95
6790368	102	96	96	111
Blank	103	97	98	94
LCS	103	100	98	102
MS	103	97	98	102
MSD	104	98	97	101
Limits:	80-116	77-113	80-113	78-113

Analysis Name: TPH-GRO N. CA water C6-C12  
Batch number: 12263A07A  
Trifluorotoluene-F

6790362	86
6790363	88
6790364	100
6790365	91
6790366	85
6790367	90
6790368	104
Blank	85
LCS	101
LCSD	103
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>µg</b>	microgram(s)	<b>mg</b>	milligram(s)
<b>mL</b>	milliliter(s)	<b>L</b>	liter(s)
<b>m<sup>3</sup></b>	cubic meter(s)	<b>µL</b>	microliter(s)
		<b>pg/L</b>	picogram/liter
<b>&lt;</b>	less than - The number following the sign is the <u>limit of quantitation</u> , the smallest amount of analyte which can be reliably determined using this specific test.		
<b>&gt;</b>	greater than		
<b>ppm</b>	parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.		
<b>ppb</b>	parts per billion		
<b>Dry weight basis</b>	Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.		

## Data Qualifiers:

**C** – result confirmed by reanalysis.

**J** - estimated value – The result is  $\geq$  the Method Detection Limit (MDL) and  $<$  the Limit of Quantitation (LOQ).

## U.S. EPA CLP Data Qualifiers:

Organic Qualifiers		Inorganic Qualifiers	
<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.

Times are local to the area of activity. Parameters listed in the 40 CFR part 136 Table II as "analyze immediately" are not performed within 15 minutes.

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