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

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

May 5, 2010
(date)

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

Re: Chevron Facility #_9-2506_____

Address: 2630 Broadway, Oakland, California_____

I have reviewed the attached report titled *First Semi-Annual 2010 Groundwater Monitoring Report*_____ and dated May 5, 2010.

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,

SH Frerichs

Stacie H. Frerichs
Project Manager

Enclosure: Report

CONESTOGA-ROVERS
& ASSOCIATES

10969 Trade Center Drive, Suite 106, Rancho Cordova, CA 95670
Telephone: 916-889-8900 Facsimile: 916-889-8999
www.CRAworld.com

May 5, 2010

Reference No. 611962

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

Re: First Semi-Annual 2010 Groundwater Monitoring Report
Former Chevron Service Station No. 9-2506
2630 Broadway
Oakland, California
LOP Case RO0000146

Dear Mr. Detterman:

Conestoga-Rovers & Associates (CRA) is submitting the attached *Groundwater Monitoring and Sampling Report* (report) to Alameda County Environmental Health (ACEH) on behalf of Chevron Environmental Management Company (Chevron) for the site referenced above.

The report (prepared by Gettler-Ryan Inc. and dated April 13, 2010) presents the results of the first semi-annual 2010 monitoring event. Sampling of wells B-1, B-3, and B-5 through B-12 is performed on a semi-annual basis during the first and third quarters. Also attached are Figure 1 (Vicinity Map) showing the site location, and Figure 2 (Concentration Map) presenting the first semi-annual 2010 analytical results along with a rose diagram.

As outlined in our April 27, 2009 *Additional Investigation Work Plan*, additional investigation is planned at the site to further evaluate the extent of impacted soil and groundwater (Figure 2). CRA and Chevron are currently attempting to secure an access agreement with the property owner to perform the work.

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

Sincerely,

CONESTOGA-ROVERS & ASSOCIATES

Christopher J. Benedict

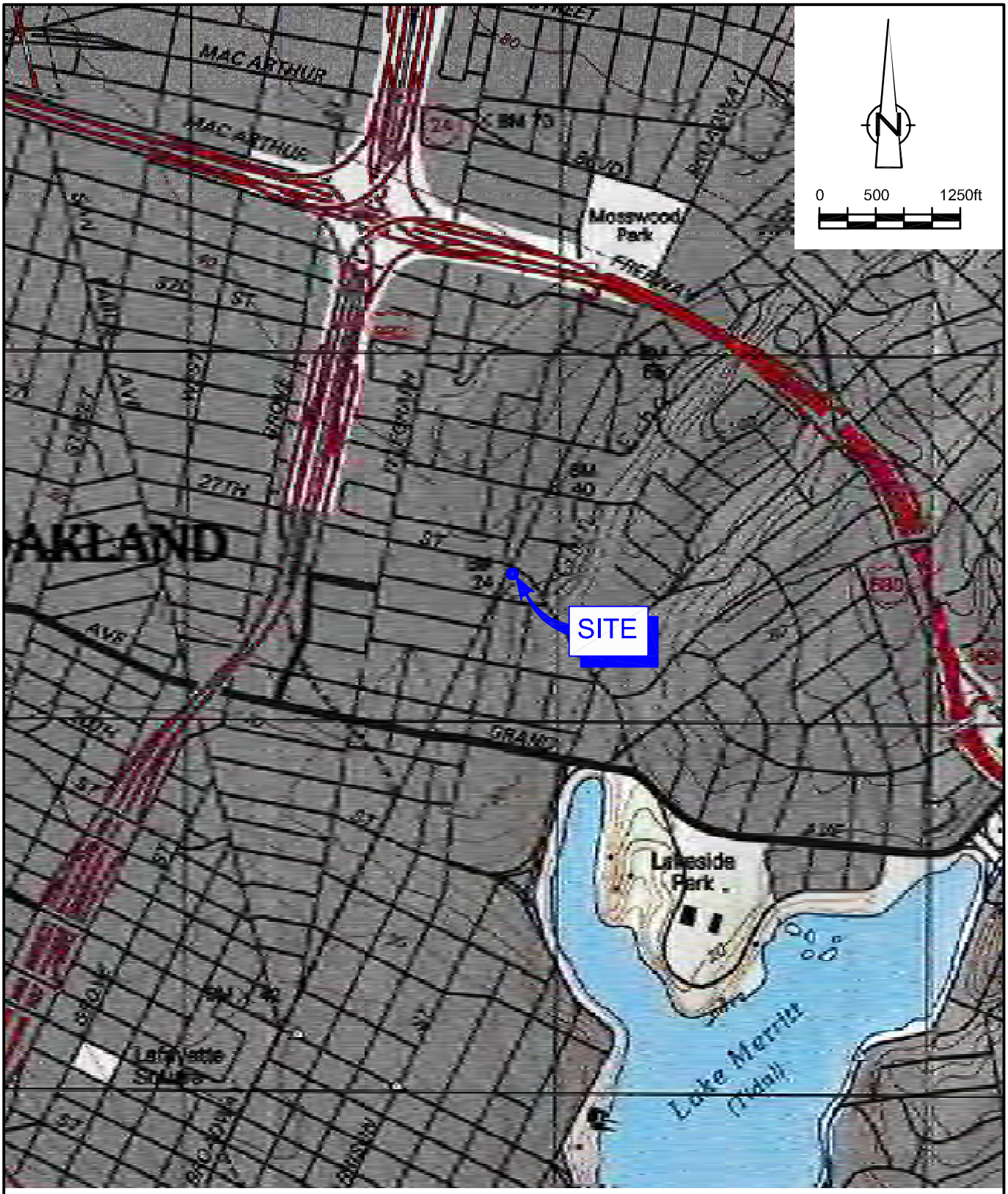
James P. Kiernan, P.E. C68498

CB/jt/6
Encl.


| | |
|---|---|
| Figure 1 | Vicinity Map |
| Figure 2 | Concentration Map – March 17, 2010 |
| Attachment A | Groundwater Monitoring and Sampling Report |

cc: Ms. Stacie Frerichs, Chevron
Mr. Steve Simi, Steve and Cecilia Simi Trust

FIGURES




SOURCE: TOPO! MAPS.

figure 1

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

611962-118(006)GN-WA001 APR 28/2010

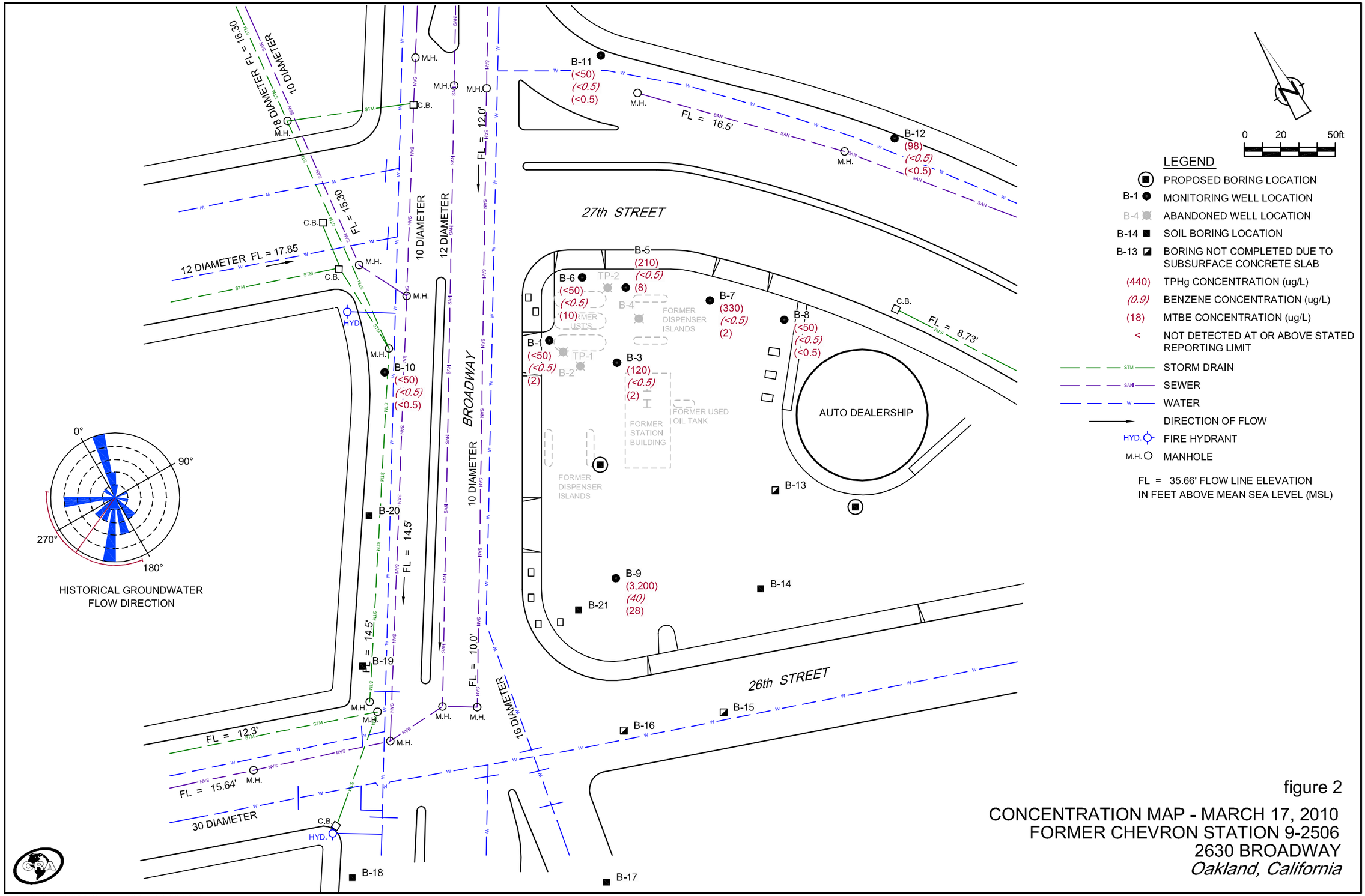



figure 2

CONCENTRATION MAP - MARCH 17, 2010
FORMER CHEVRON STATION 9-2506
2630 BROADWAY
*Oakland, California*

# ATTACHMENT A

# GROUNDWATER MONITORING AND SAMPLING REPORT

# GETTLER-RYAN INC.

## TRANSMITTAL

April 19, 2010
G-R #385203

TO: Mr. James Kiernan
Conestoga-Rovers and Associates
10969 Trade Center Drive, Suite 107
Rancho Cordova, CA 95670

FROM: Deanna L. Harding
Project Coordinator
Gettler-Ryan Inc.
6747 Sierra Court, Suite J
Dublin, California 94568

**RE: Former Chevron Service Station**
**#9-2506 (MTI)**
**2630 Broadway**
**Oakland, California**
**RO 0000146**

WE HAVE ENCLOSED THE FOLLOWING:

| COPIES | DATED | DESCRIPTION |
|---|---|---|
| 3 | April 13, 2010 | Groundwater Monitoring and Sampling Report<br>**First Semi-Annual Event of March 17, 2010** |

COMMENTS:

Pursuant to your request, we are providing you with copies of the above referenced report for **your use and distribution to the following:**

Ms. Stacie H. Frerichs, Chevron Environmental Management Company, 6111 Bollinger Canyon Road, Room 3596, San Ramon, CA 94583
Mr. Mark Detterman, Alameda County Health Care Services, Dept. of Environmental Health, 1131 Harbor Bay Parkway, Suite 250, Alameda, CA 94502-6577
**(No Hard Copy-UPLOAD TO ALAMEDA CO.)**
Mr. Thomas E. Peterson, Managing Member, Lakeshore Partners LLC, 780 W. Grand Avenue, Suite 200, Oakland, CA 94612

Enclosures

trans/9-2506-SHF

Chevron

Stacie H. Frerichs
Team Lead
Marketing Business Unit

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

April 19, 2010
(date)

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

Re: Chevron Facility #9-2506

Address: 2630 Broadway, Oakland, California

I have reviewed the attached routine groundwater monitoring report dated April 19, 2010.

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 Gettler-Ryan, Inc., 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,

SH Frerichs

Stacie H. Frerichs
Project Manager

Enclosure: Report

# WELL CONDITION STATUS SHEET

Client/Facility #: Chevron #9-2506 Job # 385203

Site Address: 2630 Broadway Event Date: 3-17-10

City: Oakland, CA Sampler: Joe

| WELL ID | Vault Frame Condition | Gasket/ O-Ring (M)missing | BOLTS (M) Missing (R) Replaced | Bolt Flanges B= Broken S= Stripped R=Retap | APRON Condition C=Cracked B=Broken G=Gone | Grout Seal (Deficient) inches from TOC | Casing (Condition prevents tight cap seal) | REPLACE LOCK Y / N | REPLACE CAP Y / N | WELL VAULT Manufacture/Size/ # of Bolts | Pictures Taken Yes / No |
|---|---|---|---|---|---|---|---|---|---|---|---|
| B-1 | O.K | O.K | O.K | O.K | O.K | O.K | O.K | N | N | 12" EMCO/2 | NO |
| B-3 | | | | | | | | Y | Y | 8" Boart.L /3 | |
| B-5 | | | | | | | | N | N | 12" EMCO/ 2 | |
| B-6 | | | | | | | | | | " | |
| B-7 | | | | | | | | | | " | |
| B-8 | | M | | | | | | | | 8" Boart. L /3 | |
| B-9 | | M | | | | | | | | " | |
| B-10 | | O.K | | | | | | | | 10" EMCO/2 | |
| B-11 | | O.K | (1) of (3) bolts broken inside flange | | | | | | | 8" Boart.L. /3 | |
| B-12 | | M | (1) of (3) S | | | | | | | 8" Brainard /3 | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

Comments B-12 O-ring was broken apart.

# GETTLER-RYAN INC.

April 13, 2010
G-R Job #385203

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

**RE: First Semi-Annual Event of March 17, 2010**
Groundwater Monitoring & Sampling Report
Former Chevron Service Station #9-2506
2630 Broadway
Oakland, California

Dear Ms. Frerichs:

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

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

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

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

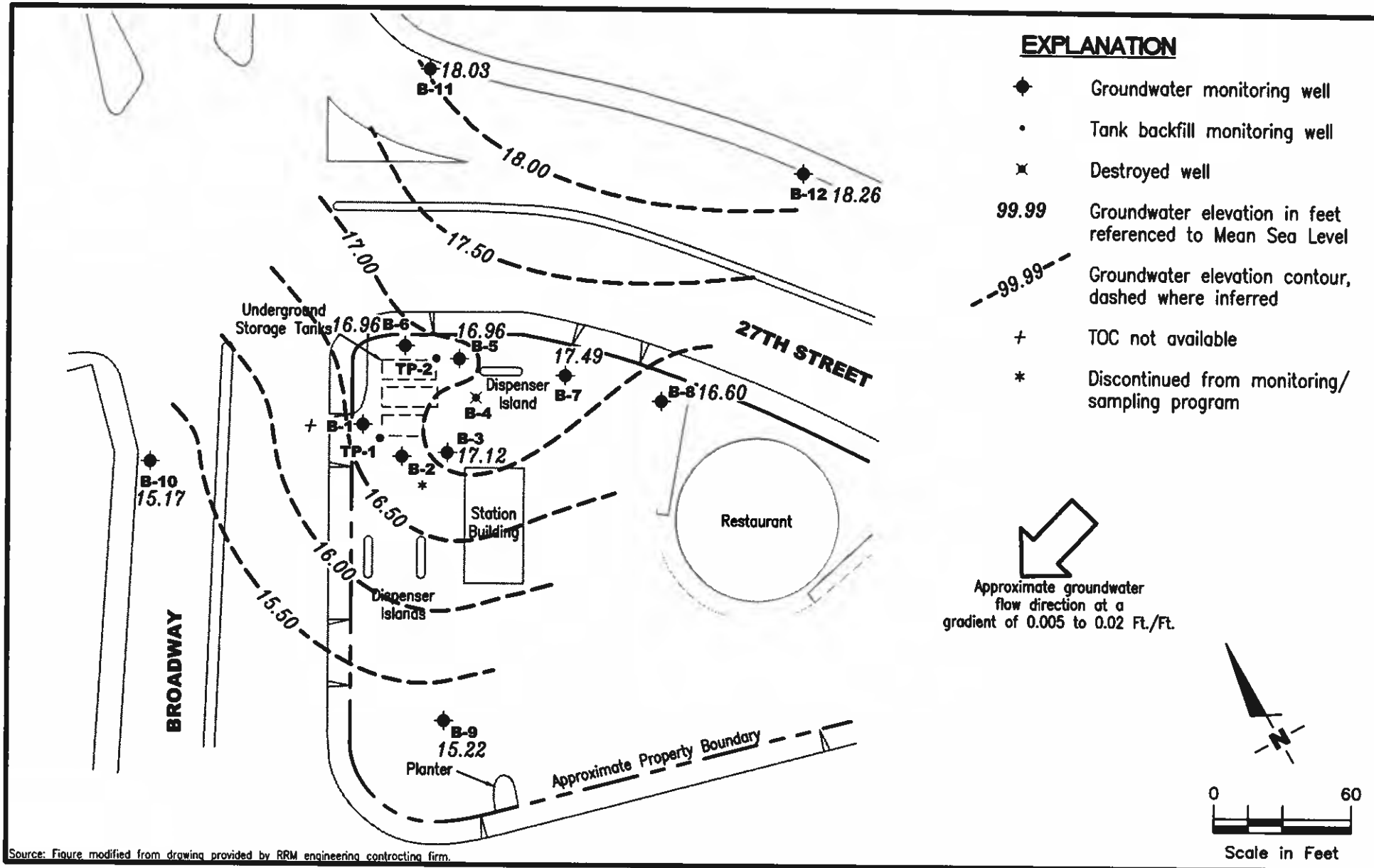
Sincerely,

Deanna L. Harding
Project Coordinator

PROFESSIONAL GEOLOGIST
DOUGLAS J. LEE
No. 6882
STATE OF CALIFORNIA

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 | REVIEWED BY | DATE | REVISED DATE |
|---|---|---|---|
| 385203 | | March 17, 2010 | |

FILE NAME: P:\Enviro\Chevron\9-2506\Q10-9-2506.DWG | Layout Tab: Pot1

# 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-1** | | | | | | | | | | | |
| 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[1] | 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[1] | 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[1] | 150 | <12 | <12 | <12 | 32,000 |
| 09/25/96 | 25.67 | 14.87 | 10.80 | -- | -- | 28,000[1] | 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[4] |
| 07/29/99[5] | 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[7] | 25.69 | 13.31 | 12.38 | 0.00 | 0.00 | <500 | <5.00 | <5.00 | <5.00 | <5.00 | 20,600 |
| 03/09/01[7] | 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[7] | 25.69 | 13.84 | 11.85 | 0.00 | 0.00 | 350 | 0.89 | <0.50 | <0.50 | <1.5 | 9,500/9,400[12] |
| 08/21/02[7] | 25.69 | 13.79 | 11.90 | 0.00 | 0.00 | 200 | <0.50 | <0.50 | <0.50 | <1.5 | 6,500/6,500[12] |
| 03/11/03[7] | 25.69 | 14.16 | 11.53 | 0.00 | 0.00 | 310 | 0.76 | <0.50 | <0.50 | <1.5 | 7,000/7,400[12] |
| 09/05/03[7,13] | 25.69 | 13.34 | 12.35 | 0.00 | 0.00 | 260 | <5 | <5 | <5 | <5 | 4,600 |
| 03/12/04[13,15] | --[14] | --[14] | 10.59 | 0.00 | 0.00 | 210 | <1 | <1 | <1 | <1 | 3,900 |
| 08/30/04[13] | --[14] | --[14] | 11.20 | 0.00 | 0.00 | 440 | <5 | <5 | <5 | <5 | 4,500 |
| 03/04/05[13] | --[14] | --[14] | 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-1 (cont)** | | | | | | | | | | | | |
| 09/01/05[13] | | --[14] | --[14] | 10.67 | 0.00 | 0.00 | 360 | <0.5 | <0.5 | <0.5 | <0.5 | 260 |
| 03/20/06[13] | | --[14] | --[14] | 9.32 | 0.00 | 0.00 | 320 | 10 | <0.5 | <0.5 | <0.5 | 27 |
| 09/13/06[13] | | --[14] | --[14] | 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[13] | NP | --[14] | --[14] | 10.95 | 0.00 | 0.00 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | 1 |
| 03/11/08[13] | | --[14] | --[14] | 10.14 | 0.00 | 0.00 | 69 | 4 | <0.5 | <0.5 | <0.5 | 10 |
| 09/12/08[13] | NP | --[14] | --[14] | 11.45 | 0.00 | 0.00 | 83 | <0.5 | 0.8 | <0.5 | 1 | 0.8 |
| 03/31/09[13] | NP | --[14] | --[14] | 10.40 | 0.00 | 0.00 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | 7 |
| 09/24/09[13] | | --[14] | --[14] | 11.20 | 0.00 | 0.00 | 54 | <0.5 | <0.5 | <0.5 | <0.5 | 2 |
| **03/17/10[13]** | | --[14] | --[14] | **9.56** | **0.00** | **0.00** | **<50** | **<0.5** | **<0.5** | **<0.5** | **<0.5** | **2** |
| **B-3** | | | | | | | | | | | | |
| 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[1] | 1,300 | 280 | 140 | 100 | -- |
| 12/22/95 | | 24.35 | 15.82 | 8.53 | -- | -- | 5,400[1] | 340 | 37 | 150 | 460 | 8,600 |
| 03/22/96 | | 24.35 | 18.37 | 5.98 | -- | -- | 2,200 | 79 | 50 | 58 | 200 | 1,600 |
| 09/25/96 | | 24.35 | 15.33 | 9.02 | -- | -- | 11,000 | 530 | 97 | 74 | 400 | 7,200 |
| 03/06/97 | | 24.35 | 17.64 | 6.71 | -- | -- | <500 | 20 | <5.0 | <5.0 | <5.0 | 420 |
| 09/12/97 | | 24.35 | 15.04 | 9.31 | -- | -- | <500[1] | <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[3] | | 24.35 | 15.73 | 8.62 | -- | -- | 100 | <0.5 | <0.5 | <0.5 | <0.6 | 940 |

# 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-3 (cont)** | | | | | | | | | | | | |
| 03/09/99 | | 24.43 | 18.97 | 5.46 | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | 25.2/31.6[4] |
| 07/29/99[5] | | 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[6] | | 24.43 | 16.88 | 7.55 | -- | 0.40 | -- | -- | -- | -- | -- | -- |
| 08/31/00[7] | | 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[7] | | 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[13] | | 24.43 | 14.98 | 9.45 | 0.00 | 0.00 | 420 | <5 | <5 | <5 | <5 | 4,900 |
| 03/12/04[13] | | 24.43 | 16.95 | 7.48 | 0.00 | 0.00 | 470 | 3 | 1 | <1 | 4 | 1,800 |
| 08/30/04[13] | | 24.43 | 14.60 | 9.83 | 0.00 | 0.00 | 600 | <5 | <5 | <5 | <5 | 5,800 |
| 03/04/05[13] | | 24.43 | 17.36 | 7.07 | 0.00 | 0.00 | 320 | 2 | 0.8 | 0.5 | 3 | 370 |
| 09/01/05[13] | | 24.43 | 15.61 | 8.82 | 0.00 | 0.00 | 290 | <1 | <1 | <1 | <1 | 1,100 |
| 03/20/06[13] | | 24.43 | 17.71 | 6.72 | 0.00 | 0.00 | 140 | <0.5 | 12 | <0.5 | <0.5 | 76 |
| 09/13/06[13] | | 24.43 | 15.22 | 9.21 | 0.00 | 0.00 | 130 | <0.5 | <0.5 | <0.5 | <0.5 | 150 |
| 02/26/07[13] | | 24.43 | 15.95 | 8.48 | 0.00 | 0.00 | 220 | <0.5 | <0.5 | <0.5 | <0.5 | 39 |
| 09/07/07[13] | | 24.43 | 15.12 | 9.31 | 0.00 | 0.00 | 380 | <0.5 | 0.8 | <0.5 | 1 | 28 |
| 03/11/08[13] | | 24.43 | 16.54 | 7.89 | 0.00 | 0.00 | 170 | <0.5 | <0.5 | <0.5 | <0.5 | 8 |
| 09/12/08[13] | NP | 24.43 | 14.31 | 10.12 | 0.00 | 0.00 | 370 | <0.5 | 0.7 | <0.5 | 0.7 | 8 |
| 03/31/09[13] | NP | 24.43 | 16.22 | 8.21 | 0.00 | 0.00 | 830 | 7 | 0.7 | 1 | 11 | 21 |
| 09/24/09[13] | | 24.43 | 14.73 | 9.70 | 0.00 | 0.00 | 530 | 0.9 | <0.5 | <0.5 | 0.7 | 12 |
| **03/17/10[13]** | | **24.43** | **17.12** | 7.31 | 0.00 | 0.00 | **120** | **<0.5** | **<0.5** | **<0.5** | **<0.5** | **2** |
| **B-5** | | | | | | | | | | | | |
| 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 | -- |

# 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-5 (cont)** | | | | | | | | | | | |
| 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[1] | 300 | 30 | 260 | 330 | -- |
| 12/22/95 | 24.23 | 15.62 | 8.61 | -- | -- | 6,500[1] | 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[1] | 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[4] |
| 07/29/99[5] | 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[7] | 24.23 | 15.25 | 8.98 | 0.00 | 0.00 | 4,730[8] | 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[7] | 24.24 | 14.61 | 9.63 | 0.00 | 0.00 | 1,400 | 9.1 | <0.50 | 6.2 | 24 | 1,700/1,600[12] |
| 08/21/02[7] | 24.24 | 14.93 | 9.31 | 0.00 | 0.00 | 1,800 | 2.7 | <0.50 | 12 | 3.7 | 330/320[12] |
| 03/11/03[7] | 24.24 | 15.98 | 8.26 | 0.00 | 0.00 | 1,900 | 3.8 | <0.50 | 72 | 30 | 550/620[12] |
| 09/05/03[7,13] | 24.24 | 12.79 | 11.45 | 0.00 | 0.00 | 770 | 1 | <0.5 | 4 | 0.9 | 420 |
| 03/12/04[13,15] | 24.24 | 16.93 | 7.31 | 0.00 | 0.00 | 3,000 | 2 | 0.7 | 87 | 76 | 49 |
| 08/30/04[13] | 24.24 | 14.52 | 9.72 | 0.00 | 0.00 | 2,500 | 9 | 1 | 20 | 19 | 130 |
| 03/04/05[13] | 24.24 | 17.60 | 6.64 | 0.00 | 0.00 | 590 | 0.5 | <0.5 | 1 | 1 | 22 |
| 09/01/05[13] | 24.24 | 15.48 | 8.76 | 0.00 | 0.00 | 1,500 | 2 | <0.5 | 28 | 2 | 39 |
| 03/20/06[13] | 24.24 | 17.63 | 6.61 | 0.00 | 0.00 | 1,200 | 0.6 | <0.5 | 8 | 2 | 19 |
| 09/13/06[13] | 24.24 | 14.87 | 9.37 | 0.00 | 0.00 | 830 | 1 | <0.5 | 12 | 1 | 18 |
| 02/26/07[13] | 24.24 | 15.22 | 9.02 | 0.00 | 0.00 | 320 | <0.5 | <0.5 | <0.5 | <0.5 | 12 |
| 09/07/07[13] | 24.24 | 15.02 | 9.22 | 0.00 | 0.00 | 720 | <0.5 | <0.5 | <0.5 | <0.5 | 16 |
| 03/11/08[13] | 24.24 | 16.53 | 7.71 | 0.00 | 0.00 | 2,700 | 2 | <0.5 | 11 | 1 | 20 |
| 09/12/08[13] | 24.24 | 14.33 | 9.91 | 0.00 | 0.00 | 440 | 0.9 | <0.5 | <0.5 | <0.5 | 18 |

# 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-5 (cont)** | | | | | | | | | | | |
| 03/31/09[13] | 24.24 | 16.29 | 7.95 | 0.00 | 0.00 | 530 | 0.6 | <0.5 | <0.5 | <0.5 | 12 |
| 09/24/09[13] | 24.24 | 14.49 | 9.75 | 0.00 | 0.00 | 250 | <0.5 | <0.5 | <0.5 | <0.5 | 13 |
| 03/17/10[13] | 24.24 | 16.96 | 7.28 | 0.00 | 0.00 | 210 | <0.5 | <0.5 | <0.5 | <0.5 | 8 |
| **B-6** | | | | | | | | | | | |
| 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[1] | <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[1] | <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[1] | <12 | <12 | <12 | <12 | 18,000 |
| 09/25/96 | 24.72 | 15.09 | 9.63 | -- | -- | 15,000[1] | <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[1] | <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[4] |
| 07/29/99[5] | 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[7] | 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[11] | 25.11 | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- |

# 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-6 (cont)** | | | | | | | | | | | |
| 08/21/02[7] | 25.11 | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 03/11/03[7] | 25.11 | 16.24 | 8.87 | 0.00 | 0.00 | NOT SAMPLED - DUE TO INSUFFICIENT WATER | | | | -- | -- |
| 09/05/03[7] | 25.11 | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 03/12/04[15] | 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[13] | 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[13] | 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 | --[16] | 8.79 | 0.00 | 0.00 | NOT SAMPLED DUE TO INSUFFICIENT WATER | | | | -- | -- |
| 09/24/09 | 25.11 | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| **03/17/10[10]** | **25.11** | **16.96** | **8.15** | **0.00** | **0.00** | **<50** | **<0.5** | **<0.5** | **<0.5** | **<0.5** | **10** |
| **B-7** | | | | | | | | | | | |
| 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[1] | <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 |

# 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-7 (cont)** | | | | | | | | | | | |
| 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[1] | <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[1] | <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[4] |
| 07/29/99[5] | 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[7] | 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[7] | 22.18 | 18.54 | 3.64 | 0.00 | 0.00 | 235[9] | <0.500 | <0.500 | <0.500 | <0.500 | 236 |
| 09/21/01[7] | 22.18 | 14.35 | 7.83 | 0.00 | 0.00 | <50 | <0.50 | <0.50 | <0.50 | <1.5 | <2.5/<2[12] |
| 08/21/02[7] | 22.18 | 14.90 | 7.28 | 0.00 | 0.00 | <50 | <0.50 | <0.50 | <0.50 | <1.5 | 2.6/2[12] |
| 03/11/03[7] | 22.18 | 16.31 | 5.87 | 0.00 | 0.00 | 260 | 0.80 | <0.50 | <0.50 | <1.5 | 22/19[12] |
| 09/05/03[7,13] | 22.18 | 14.24 | 7.94 | 0.00 | 0.00 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | 3 |
| 03/12/04[13,15] | 22.18 | 17.40 | 4.78 | 0.00 | 0.00 | 430 | <0.5 | <0.5 | <0.5 | <0.5 | 10 |
| 08/30/04[13] | 22.18 | 12.93 | 9.25 | 0.00 | 0.00 | 72 | <0.5 | <0.5 | <0.5 | <0.5 | 33 |
| 03/04/05[13] | 22.18 | 18.48 | 3.70 | 0.00 | 0.00 | 290 | <0.5 | <0.5 | <0.5 | <0.5 | 10 |
| 09/01/05[13] | 22.18 | 15.20 | 6.98 | 0.00 | 0.00 | 110 | <0.5 | <0.5 | <0.5 | <0.5 | 21 |
| 03/20/06[13] | 22.18 | 18.20 | 3.98 | 0.00 | 0.00 | 110 | <0.5 | <0.5 | <0.5 | <0.5 | 4 |
| 09/13/06[13] | 22.18 | 14.81 | 7.37 | 0.00 | 0.00 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | 29 |
| 02/26/07[13] | 22.18 | 17.47 | 4.71 | 0.00 | 0.00 | 130 | <0.5 | <0.5 | <0.5 | <0.5 | 7 |
| 09/07/07[13] | 22.18 | 14.87 | 7.31 | 0.00 | 0.00 | 75 | <0.5 | <0.5 | <0.5 | <0.5 | 28 |
| 03/11/08[13] | 22.18 | 16.90 | 5.28 | 0.00 | 0.00 | 110 | <0.5 | <0.5 | <0.5 | <0.5 | 15 |
| 09/12/08[13] | 22.18 | 13.81 | 8.37 | 0.00 | 0.00 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | 32 |
| 03/31/09[13] | 22.18 | 17.13 | 5.05 | 0.00 | 0.00 | 490 | <0.5 | <0.5 | <0.5 | <0.5 | 3 |
| 09/24/09[13] | 22.18 | 14.64 | 7.54 | 0.00 | 0.00 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | 18 |
| **03/17/10[13]** | **22.18** | **17.49** | **4.69** | **0.00** | **0.00** | **330** | **<0.5** | **<0.5** | **<0.5** | **<0.5** | **2** |

# 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-8** | | | | | | | | | | | |
| 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[1] | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 12/22/95 | 21.01 | 14.53 | 6.48 | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | 190 |
| 03/22/96 | 21.01 | 16.52 | 4.49 | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | 86 |
| 09/25/96 | 21.01 | 13.83 | 7.18 | -- | -- | 90[1] | <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[12] |
| 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[12] |
| 09/05/03[13] | 21.01 | 13.98 | 7.03 | 0.00 | 0.00 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | 9 |
| 03/12/04[13] | 21.01 | 16.49 | 4.52 | 0.00 | 0.00 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | 4 |
| 08/30/04[13] | 21.01 | 13.43 | 7.58 | 0.00 | 0.00 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | 10 |
| 03/04/05[13] | 21.01 | 17.86 | 3.15 | 0.00 | 0.00 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | 2 |
| 09/01/05[13] | 21.01 | 14.53 | 6.48 | 0.00 | 0.00 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | 7 |

# 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-8 (cont)** | | | | | | | | | | | |
| 03/20/06[13] | 21.01 | 17.49 | 3.52 | 0.00 | 0.00 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | 2 |
| 09/13/06[13] | 21.01 | 14.20 | 6.81 | 0.00 | 0.00 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | 5 |
| 02/26/07[13] | 21.01 | 16.82 | 4.19 | 0.00 | 0.00 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | 1 |
| 09/07/07[13] | 21.01 | 14.50 | 6.51 | 0.00 | 0.00 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | 2 |
| 03/11/08[13] | 21.01 | 16.11 | 4.90 | 0.00 | 0.00 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | 1 |
| 09/12/08[13] | 21.01 | 13.23 | 7.78 | 0.00 | 0.00 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | 4 |
| 03/31/09[13] | 21.01 | 16.05 | 4.96 | 0.00 | 0.00 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | 1 |
| 09/24/09[13] | 21.01 | 14.20 | 6.81 | 0.00 | 0.00 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | 5 |
| **03/17/10[13]** | **21.01** | **16.60** | **4.41** | **0.00** | **0.00** | **<50** | **<0.5** | **<0.5** | **<0.5** | **<0.5** | **<0.5** |
| **B-9** | | | | | | | | | | | |
| 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[1] | 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[1] | 93 | 14 | 15 | 39 | 30 |
| 09/15/98[3] | 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[5] | 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[7] | 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[7] | 22.93 | 16.58 | 6.35 | 0.00 | 0.00 | 1,840[10] | 66.8 | <2.00 | 7.61 | 7.42 | <20.0 |
| 09/21/01 | 22.93 | UNABLE TO LOCATE - PAVED OVER | | | -- | -- | -- | -- | -- | -- | -- |
| 08/21/02[7] | 22.93 | 13.55 | 9.38 | 0.00 | 0.00 | 280 | 4.6 | <0.50 | 0.75 | 1.6 | 31/37[12] |
| 03/11/03[7] | 22.93 | 14.02 | 8.91 | 0.00 | 0.00 | 830 | 36 | 2.6 | <2.5 | <7.5 | 100/71[12] |

# Table 1

## Groundwater Monitoring Data and Analytical Results

Former Chevron Service Station #9-2506

2630 Broadway

Oakland, California

| WELL ID/ DATE | TOC* (ft.) | GWE (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-9 (cont)** | | | | | | | | | | | |
| 09/05/03[7,13] | 22.93 | 13.52 | 9.41 | 0.00 | 0.00 | 520 | 8 | <0.5 | <0.5 | <0.5 | 50 |
| 03/12/04[13,15] | 22.93 | 14.57 | 8.36 | 0.00 | 0.00 | 1,000 | 66 | 3 | 2 | 11 | 56 |
| 08/30/04[13] | 22.93 | 13.61 | 9.32 | 0.00 | 0.00 | 2,100 | 180 | 7 | 8 | 6 | 70 |
| 03/04/05[13] | 22.93 | 15.98 | 6.95 | 0.00 | 0.00 | 2,800 | 160 | 6 | 6 | 9 | 79 |
| 09/01/05[13] | 22.93 | 14.10 | 8.83 | 0.00 | 0.00 | 4,000 | 90 | 5 | 6 | 9 | 94 |
| 03/20/06[13] | 22.93 | 15.93 | 7.00 | 0.00 | 0.00 | 2,800 | 110 | 4 | 4 | 6 | 77 |
| 09/13/06[13] | 22.93 | 13.96 | 8.97 | 0.00 | 0.00 | 4,700 | 75 | 4 | 6 | 7 | 64 |
| 02/26/07[13] | 22.93 | 15.22 | 7.71 | 0.00 | 0.00 | 2,800 | 67 | 3 | 6 | 4 | 50 |
| 09/07/07[13] | 22.93 | 13.97 | 8.96 | 0.00 | 0.00 | 3,400 | 28 | 2 | 2 | 4 | 27 |
| 03/11/08[13] | 22.93 | 14.61 | 8.32 | 0.00 | 0.00 | 1,800 | 14 | 0.6 | 2 | 1 | 42 |
| 09/12/08[13] | 22.93 | 13.68 | 9.25 | 0.00 | 0.00 | 3,700 | 17 | 2 | 2 | 1 | 36 |
| 03/31/09[13] | 22.93 | 15.22 | 7.71 | 0.00 | 0.00 | 4,400 | 66 | 7 | 5 | 8 | 33 |
| 09/24/09[13] | 22.93 | 13.90 | 9.03 | 0.00 | 0.00 | 5,000 | 47 | 6 | 7 | 6 | 28 |
| **03/17/10[13]** | **22.93** | **15.22** | **7.71** | **0.00** | **0.00** | **3,200** | **40** | **5** | **5** | **5** | **28** |
| **B-10** | | | | | | | | | | | |
| 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[3] | 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 |

# 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-10 (cont)** | | | | | | | | | | | |
| 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[12] |
| 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[12] |
| 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[12] |
| 09/05/03[13] | 25.56 | 14.69 | 10.87 | 0.00 | 0.00 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| 03/12/04[13] | 25.56 | 14.98 | 10.58 | 0.00 | 0.00 | <50 | <0.5 | <0.5 | 0.7 | 6 | 0.5 |
| 08/30/04[13] | 25.56 | 15.07 | 10.49 | 0.00 | 0.00 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| 03/04/05[13] | 25.56 | 15.53 | 10.03 | 0.00 | 0.00 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| 09/01/05[13] | 25.56 | 14.94 | 10.62 | 0.00 | 0.00 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| 03/20/06[13] | 25.56 | 16.31 | 9.25 | 0.00 | 0.00 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| 09/13/06[13] | 25.56 | 14.68 | 10.88 | 0.00 | 0.00 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| 02/26/07[13] | 25.56 | 15.21 | 10.35 | 0.00 | 0.00 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| 09/07/07[13] | 25.56 | 14.75 | 10.81 | 0.00 | 0.00 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| 03/11/08[13] | 25.56 | 14.70 | 10.86 | 0.00 | 0.00 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| 09/12/08[13] | 25.56 | 14.38 | 11.18 | 0.00 | 0.00 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| 03/31/09[13] | 25.56 | 14.63 | 10.93 | 0.00 | 0.00 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| 09/24/09[13] | 25.56 | 14.48 | 11.08 | 0.00 | 0.00 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| **03/17/10[13]** | **25.56** | **15.17** | **10.39** | **0.00** | 0.00 | **<50** | **<0.5** | **<0.5** | **<0.5** | **<0.5** | **<0.5** |
| **B-11** | | | | | | | | | | | |
| 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 |

# 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-11 (cont)** | | | | | | | | | | | |
| 09/15/98 | 25.23 | 16.07 | 9.16 | -- | -- | <50 | 0.82 | 1.5 | <0.5 | 2.0 | <10 |
| 03/09/99 | 25.27 | 18.39 | 6.88 | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <5.0 |
| 09/15/99 | 25.27 | 15.58 | 9.69 | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| 03/01/00 | 25.27 | 18.85 | 6.42 | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| 08/31/00 | 25.27 | 15.97 | 9.30 | 0.00 | 0.00 | <50.0 | <0.500 | <0.500 | <0.500 | <0.500 | <5.00 |
| 03/09/01 | 25.27 | 18.72 | 6.55 | 0.00 | 0.00 | <50.0 | <0.500 | <0.500 | <0.500 | <0.500 | <5.00 |
| 09/21/01 | 25.27 | 15.21 | 10.06 | 0.00 | 0.00 | <50 | <0.50 | <0.50 | <0.50 | <1.5 | <2.5/<2[12] |
| 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[12] |
| 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[12] |
| 09/05/03[13] | 25.27 | 15.16 | 10.11 | 0.00 | 0.00 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| 03/12/04[13] | 25.27 | 17.75 | 7.52 | 0.00 | 0.00 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| 08/30/04[13] | 25.27 | 14.51 | 10.76 | 0.00 | 0.00 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| 03/04/05[13] | 25.27 | 18.40 | 6.87 | 0.00 | 0.00 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| 09/01/05[13] | 25.27 | 16.06 | 9.21 | 0.00 | 0.00 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| 03/20/06[13] | 25.27 | 22.85 | 2.42 | 0.00 | 0.00 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| 09/13/06[13] | 25.27 | 15.65 | 9.62 | 0.00 | 0.00 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| 02/26/07[13] | 25.27 | 17.28 | 7.99 | 0.00 | 0.00 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| 09/07/07[13] | 25.27 | 15.23 | 10.04 | 0.00 | 0.00 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| 03/11/08[13] | 25.27 | 17.41 | 7.86 | 0.00 | 0.00 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| 09/12/08[13] | 25.27 | 14.42 | 10.85 | 0.00 | 0.00 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| 03/31/09[13] | 25.27 | 17.52 | 7.75 | 0.00 | 0.00 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| 09/24/09[13] | 25.27 | 15.11 | 10.16 | 0.00 | 0.00 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| **03/17/10[13]** | **25.27** | **18.03** | **7.24** | 0.00 | 0.00 | <50 | **<0.5** | **<0.5** | **<0.5** | **<0.5** | **<0.5** |
| **B-12** | | | | | | | | | | | |
| 08/04/94 | -- | 13.99 | 6.41 | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 11/02/94 | -- | 11.65 | 8.75 | -- | -- | -- | -- | -- | -- | -- | -- |
| 12/28/94 | 20.40 | 17.64 | 2.76 | -- | -- | 74 | 1.0 | 2.6 | 1.3 | 4.4 | -- |
| 03/29/95 | 20.40 | 17.94 | 2.46 | -- | -- | 210 | <0.5 | <0.5 | 0.7 | 1.6 | -- |
| 06/05/95 | 20.40 | 15.81 | 4.59 | -- | -- | <50 | <0.5 | <0.5 | <0.5 | 0.7 | -- |
| 09/21/95 | 20.40 | 13.04 | 7.36 | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 12/22/95 | 20.40 | 16.44 | 3.96 | -- | -- | 140[1] | <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 |

# 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-12 (cont)** | | | | | | | | | | | |
| 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[1] | <0.5 | <0.5 | <0.5 | <0.5 | <5.0 |
| 09/12/97 | 20.40 | 13.59 | 6.81 | -- | -- | 130[1] | <1.0 | <1.0 | <1.0 | <1.0 | <5.0 |
| 04/02/98 | 20.40 | 18.26 | 2.14 | -- | -- | 110[1] | 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[12] |
| 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[12] |
| 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[12] |
| 09/05/03[13] | 20.41 | 13.48 | 6.93 | 0.00 | 0.00 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| 03/12/04[13] | 20.41 | 17.68 | 2.73 | 0.00 | 0.00 | 120 | <0.5 | <0.5 | <0.5 | 1 | <0.5 |
| 08/30/04[13] | 20.41 | 12.73 | 7.68 | 0.00 | 0.00 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| 03/04/05[13] | 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[13] | 20.41 | 13.76 | 6.65 | 0.00 | 0.00 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| 09/13/06[13] | 20.41 | 14.26 | 6.15 | 0.00 | 0.00 | 270 | <0.5 | <0.5 | 11 | <0.5 | <0.5 |
| 02/26/07[13] | 20.41 | 17.37 | 3.04 | 0.00 | 0.00 | 100 | <0.5 | <0.5 | 2 | <0.5 | <0.5 |
| 09/07/07[13] | 20.41 | 14.28 | 6.13 | 0.00 | 0.00 | 100 | <0.5 | <0.5 | 2 | <0.5 | <0.5 |
| 03/11/08[13] | 20.41 | 17.44 | 2.97 | 0.00 | 0.00 | 85 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| 09/12/08[13] | 20.41 | 13.17 | 7.24 | 0.00 | 0.00 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| 03/31/09[13] | 20.41 | 17.78 | 2.63 | 0.00 | 0.00 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| 09/24/09[13] | 20.41 | 14.49 | 5.92 | 0.00 | 0.00 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| **03/17/10[13]** | **20.41** | **18.26** | **2.15** | **0.00** | **0.00** | **98** | **<0.5** | **<0.5** | **<0.5** | **<0.5** | **<0.5** |
| **TP-1** | | | | | | | | | | | |
| 09/09/93 | -- | -- | 7.33 | -- | -- | 8,500 | 770 | 890 | 120 | 590 | -- |
| NOT MONITORED/SAMPLED | | | | | | | | | | | |

# 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) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **TP-2** | | | | | | | | | | | |
| 09/09/93 | -- | -- | 6.18 | -- | -- | 13,000 | 2,400 | 3,200 | 380 | 1,900 | -- |
| NOT MONITORED/SAMPLED | | | | | | | | | | | |
| **B-2** | | | | | | | | | | | |
| 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[2] | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 03/09/01[2] | 25.11 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| NOT MONITORED/SAMPLED | | | | | | | | | | | |
| **B-4** | | | | | | | | | | | |
| 03/18/82 | 21.35 | 16.70 | 4.65 | -- | -- | -- | -- | -- | -- | -- | -- |
| 03/25/82 | 21.35 | 16.27 | 5.08 | -- | -- | -- | -- | -- | -- | -- | -- |
| 05/21/82 | 21.35 | -- | -- | SPH | -- | -- | -- | -- | -- | -- | -- |
| 05/26/82 | 21.35 | 12.14 | 9.21 | -- | -- | -- | -- | -- | -- | -- | -- |
| 06/24/82 | 21.35 | 13.13 | 8.22 | SPH | -- | -- | -- | -- | -- | -- | -- |
| 09/09/93 | 21.35 | 15.26 | 6.09 | -- | -- | 88,000 | 3,200 | 16,000 | 2,000 | 9,500 | -- |
| 12/02/93 | 21.35 | 15.81 | 5.54 | -- | -- | 110,000 | 3,600 | 25,000 | 2,800 | 15,000 | -- |
| 03/17/94 | 21.35 | 15.35 | 6.00 | -- | -- | 60,000 | 1,400 | 16,000 | 1,800 | 8,900 | -- |
| 06/10/94 | 21.35 | 14.48 | 6.87 | -- | -- | 25,000 | 770 | 880 | 190 | 1,100 | -- |
| 09/15/94 | 21.35 | 12.61 | 8.74 | -- | -- | 3,300 | 800 | 8.0 | 300 | 350 | -- |
| 12/28/94 | 24.11 | 18.37 | 5.74 | -- | -- | 17,000 | 400 | 4,000 | 630 | 2,900 | -- |
| 03/29/95[2] | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| DESTROYED | | | | | | | | | | | |

# 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) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **BAILER BLANK** | | | | | | | | | | | |
| 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 | -- |
| **TRIP BLANK** | | | | | | | | | | | |
| 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 | -- |
| 03/22/96 | -- | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <0.6 |
| 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 | <0.5 | <0.5 | <0.5 | <5.0 |
| 04/02/98 | -- | -- | -- | -- | -- | <50 | <0.5 | 0.55 | <0.5 | <0.5 | <2.5 |
| 09/15/98 | -- | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| 03/09/99 | -- | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.6 | <10 |
| 09/15/99 | -- | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <5.0 |
| 03/01/00 | -- | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | 4.5 |
| 08/31/00 | -- | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| 03/09/01 | -- | -- | -- | -- | -- | <50.0 | <0.500 | <0.500 | <0.500 | <0.500 | <5.00 |
| 09/21/01 | -- | -- | -- | -- | -- | <50.0 | <0.500 | <0.500 | <0.500 | <0.500 | <5.00 |
| **QA** | -- | -- | -- | -- | -- | <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[13] | -- | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| 03/12/04[13] | -- | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| 08/30/04[13] | -- | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |

# Table 1

## Groundwater Monitoring Data and Analytical Results

Former Chevron Service Station #9-2506

2630 Broadway

Oakland, California

| WELL ID/ DATE | TOC* (ft.) | GWE (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) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **QA (cont)** | | | | | | | | | | | |
| 03/04/05[13] | -- | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| 09/01/05[13] | -- | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| 03/20/06[13] | -- | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| 09/13/06[13] | -- | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| 02/26/07[13] | -- | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| 09/07/07[13] | -- | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| 03/11/08[13] | -- | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| 09/12/08[13] | -- | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| 03/31/09[13] | -- | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| DISCONTINUED | | | | | | | | | | | |

# Table 1

## Groundwater Monitoring Data and Analytical Results

Former Chevron Service Station #9-2506

2630 Broadway

Oakland, California

**EXPLANATIONS:**

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

TOC = Top of Casing
(ft.) = Feet
GWE = Groundwater Elevation
(msl) = Mean sea level
DTW = Depth to Water
SPHT = Separate Phase Hydrocarbon Thickness
SPH = Separate Phase Hydrocarbons
TPH = Total Petroleum Hydrocarbons
GRO = Gasoline Range Organics
B = Benzene
T = Toluene
E = Ethylbenzene
X = Xylenes
MTBE = Methyl Tertiary Butyl Ether
(µg/L) = Micrograms per liter
-- = Not Measured/Not Analyzed
QA = Quality Assurance/Trip Blank
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 |
| B-3 | 09/21/01 | UNABLE TO LOCATE - PAVED OVER | | | -- | -- | -- | -- | -- |
| | 08/21/02 | UNABLE TO LOCATE - PAVED OVER | | | -- | -- | -- | -- | -- |
| | 03/11/03 | NOT SAMPLED - DUE TO INSUFFICIENT WATER | | | | -- | -- | -- | -- |
| | 09/05/03 | <500 | 1,200 | 4,900 | <5 | 22 | 64 | <5 | <5 |
| | 03/12/04 | <100 | 580 | 1,800 | <1 | 6 | 29 | <1 | <1 |
| | 08/30/04 | <500 | 1,100 | 5,800 | <5 | 21 | 75 | <5 | <5 |
| | 03/04/05 | <50 | 340 | 370 | <0.5 | 2 | 5 | <0.5 | <0.5 |
| | 09/01/05 | <100 | 1,100 | 1,100 | <1 | 7 | 15 | <1 | <1 |
| | 03/20/06 | <50 | 150 | 76 | <0.5 | 0.6 | 1 | <0.5 | <0.5 |
| | 09/13/06 | <50 | 2,100 | 150 | <0.5 | 8 | 2 | <0.5 | <0.5 |
| | 02/26/07 | <50 | 1,700 | 39 | <0.5 | 4 | 0.9 | <0.5 | <0.5 |
| | 09/07/07 | <50 | 1,800 | 28 | <0.5 | 6 | 0.6 | <0.5 | <0.5 |
| | 03/11/08 | <50 | 370 | 8 | <0.5 | 1 | <0.5 | <0.5 | <0.5 |
| | 09/12/08 | <50 | 3,000 | 8 | <0.5 | 10 | <0.5 | <0.5 | <0.5 |
| | 03/31/09 | <50 | 1,100 | 21 | <0.5 | 4 | 0.7 | <0.5 | <0.5 |
| | 09/24/09 | <50 | 2,500 | 12 | <0.5 | 8 | <0.5 | <0.5 | <0.5 |
| | 03/17/10 | -- | 130 | 2 | <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-5 | 09/21/01 | -- | 210 | 1,600 | <2 | 39 | 25 | <2 | <2 |
| | 08/21/02 | -- | <100 | 320 | <2 | 8 | 4 | <2 | <2 |
| | 03/11/03 | -- | 20 | 620 | <0.5 | 13 | 7 | <0.5 | <0.5 |
| | 09/05/03 | <50 | 11 | 420 | <0.5 | 11 | 5 | <0.5 | <0.5 |
| | 03/12/04 | <50 | <5 | 49 | <0.5 | 1 | 0.6 | <0.5 | <0.5 |
| | 08/30/04 | <50 | <5 | 130 | <0.5 | 4 | 2 | <0.5 | <0.5 |
| | 03/04/05 | <50 | <5 | 22 | <0.5 | 0.6 | <0.5 | <0.5 | <0.5 |
| | 09/01/05 | <50 | <5 | 39 | <0.5 | 1 | 0.6 | <0.5 | <0.5 |
| | 03/20/06 | <50 | <5 | 19 | <0.5 | 0.5 | <0.5 | <0.5 | <0.5 |
| | 09/13/06 | <50 | 13 | 18 | <0.5 | 0.9 | <0.5 | <0.5 | <0.5 |
| | 02/26/07 | <50 | 5 | 12 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 09/07/07 | <50 | 98 | 16 | <0.5 | 5 | <0.5 | <0.5 | <0.5 |
| | 03/11/08 | <50 | 7 | 20 | <0.5 | 1 | 0.5 | <0.5 | <0.5 |
| | 09/12/08 | <50 | 12 | 18 | <0.5 | 1 | <0.5 | <0.5 | <0.5 |
| | 03/31/09 | <50 | 10 | 12 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 09/24/09 | <50 | 9 | 13 | <0.5 | 1 | <0.5 | <0.5 | <0.5 |
| | **03/17/10** | **--** | **3** | **8** | **<0.5** | **<0.5** | **<0.5** | **<0.5** | **<0.5** |
| B-6 | 09/21/01 | DRY | -- | -- | -- | -- | -- | -- | -- |
| | 08/21/02 | DRY | -- | -- | -- | -- | -- | -- | -- |
| | 03/11/03 | NOT SAMPLED - DUE TO INSUFFICIENT WATER | | | | -- | -- | -- | -- |
| | 09/05/03 | NOT SAMPLED - DUE TO INSUFFICIENT WATER | | | | -- | -- | -- | -- |
| | 08/30/04 | DRY | -- | -- | -- | -- | -- | -- | -- |
| | 03/04/05 | <250 | <25 | 2,200 | <3 | 32 | 24 | <3 | <3 |
| | 09/01/05 | DRY AT 8.93 FEET | | -- | -- | -- | -- | -- | -- |
| | 03/20/06 | <50 | <5 | 2,000 | <0.5 | 30 | 23 | <0.5 | <0.5 |
| | 09/13/06 | OBSTRUCTION IN WELL AT 9.17 FEET | | | -- | -- | -- | -- | -- |
| | 02/26/07 | DRY | -- | -- | -- | -- | -- | -- | -- |
| | 09/07/07 | DRY | -- | -- | -- | -- | -- | -- | -- |
| | 03/11/08 | NOT SAMPLED - DUE TO INSUFFICIENT WATER | | | | -- | -- | -- | -- |
| | 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** |

# 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 | 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** |
| 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** |

# 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-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 |
| | 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** |
| B-10 | 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** | **--** | **3** | **<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-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** |
| B-12 | 09/21/01 | -- | <100 | <2 | <2 | <2 | <2 | <2 | <2 |
| | 08/21/02 | -- | <100 | <2 | <2 | <2 | <2 | <2 | <2 |
| | 03/11/03 | -- | <5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 09/05/03 | <50 | <5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 03/12/04 | <50 | <5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 08/30/04 | <50 | <5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 03/04/05 | <50 | <5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 09/01/05 | INACCESSIBLE - VEHICLE PARKED OVER WELL | | | | -- | -- | -- | -- |
| | 03/20/06 | <50 | <5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 09/13/06 | <50 | 16 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 02/26/07 | <50 | <2 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 09/07/07 | <50 | <2 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 03/11/08 | <50 | <2 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 09/12/08 | <50 | <2 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 03/31/09 | <50 | <2 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 09/24/09 | <50 | <2 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| | **03/17/10** | **--** | **<2** | **<0.5** | **<0.5** | **<0.5** | **<0.5** | **<0.5** | **<0.5** |

# Table 2

## Groundwater Analytical Results - Oxygenate Compounds

Former Chevron Service Station #9-2506

2630 Broadway

Oakland, California

**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
(µg/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 IWM to Chemical Waste Management located in Kettleman Hills, California.

# GETTLER-RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-2506 | Job Number: 385203
Site Address: 2630 Broadway | Event Date: 3-17-10 (inclusive)
City: Oakland, CA | Sampler: Joe

Well ID: B-1 | Date Monitored: 3-17-10
Well Diameter: 2 in.
Total Depth: 29.03 ft.
Depth to Water: 9.56 ft. ☐ Check if water column is less then 0.50 ft.

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

19.47 xVF 0.17 = 3.31 x3 case volume = Estimated Purge Volume: 10 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 13.45

**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): 1415 | Weather Conditions: clear
Sample Time/Date: 1453 / 3-17-10 | Water Color: clear Odor: Y / (N)
Approx. Flow Rate: — gpm. | Sediment Description: none
Did well de-water? no If yes, Time: — Volume: — gal. DTW @ Sampling: 10.23

| Time (2400 hr.) | Volume (gal.) | pH | Conductivity (µmhos/cm - (µS)) | Temperature ((C) / F) | D.O. (mg/L) | ORP (mV) |
|---|---|---|---|---|---|---|
| 1425 | 3.5 | 7.41 | 1145 | 18.7 | | |
| 1433 | 7 | 7.37 | 1138 | 18.8 | | |
| 1441 | 10 | 7.43 | 1132 | 18.5 | | |
| | | | | | | |

### LABORATORY INFORMATION

| SAMPLE ID | (#) CONTAINER | REFRIG. | PRESERV. TYPE | LABORATORY | ANALYSES |
|---|---|---|---|---|---|
| B-1 | 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: 3-17-10 (inclusive)
City: Oakland, CA | Sampler: Joe

Well ID: B-3 | Date Monitored: 3-17-10
Well Diameter: 2 in.
Total Depth: 16.18 ft.
Depth to Water: 7.31 ft.

| 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 then 0.50 ft.

8.87 xVF 0.17 = 1.51 x3 case volume = Estimated Purge Volume: 5 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 9.08

**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): 1640 | Weather Conditions: clear
Sample Time/Date: 1702 3-17-10 | Water Color: clear | Odor: Y / N faint
Approx. Flow Rate: — gpm. | Sediment Description: none
Did well de-water? no | If yes, Time: — | Volume: — gal. | DTW @ Sampling: 7.94

| Time (2400 hr.) | Volume (gal.) | pH | Conductivity (µmhos/cm - µS) | Temperature (C / F) | D.O. (mg/L) | ORP (mV) |
|---|---|---|---|---|---|---|
| 1646 | 1.5 | 6.80 | 883 | 18.9 | | |
| 1650 | 3 | 6.75 | 906 | 19.0 | | |
| 1653 | 5 | 6.72 | 903 | 19.3 | | |
| | | | | | | |

### LABORATORY INFORMATION

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

Add/Replaced Lock: ✓ | Add/Replaced Plug: ✓ 2" | Add/Replaced Bolt: —

# GETTLER-RYAN INC.

## WELL MONITORING/SAMPLING
## FIELD DATA SHEET

Client/Facility#: Chevron #9-2506 | Job Number: 385203
Site Address: 2630 Broadway | Event Date: 3-17-10 (inclusive)
City: Oakland, CA | Sampler: Joe

Well ID: B-5 | Date Monitored: 3-17-10
Well Diameter: 2 in.
Total Depth: 19.52 ft.
Depth to Water: 7.28 ft. ☐ Check if water column is less then 0.50 ft.

| 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 |

12.24 xVF 0.17 = 2.08 x3 case volume = Estimated Purge Volume: 6.5 gal.
Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 9.72

| Purge Equipment: | | Sampling Equipment: | |
|---|---|---|---|
| Disposable Bailer | ✓ | Disposable Bailer | ✓ |
| Stainless Steel Bailer | | Pressure Bailer | |
| Stack Pump | | Discrete Bailer | |
| Suction Pump | | Peristaltic Pump | |
| Grundfos | | QED Bladder Pump | |
| Peristaltic Pump | | Other: | |
| 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): 1548 | Weather Conditions: clear
Sample Time/Date: 1633 / 3-17-10 | Water Color: clear | Odor: (Y) / N faint
Approx. Flow Rate: ~ gpm. | Sediment Description: none
Did well de-water? no | If yes, Time: — | Volume: — gal. | DTW @ Sampling: 7.81

| Time (2400 hr.) | Volume (gal.) | pH | Conductivity (µmhos/cm - µS) | Temperature ( C / F ) | D.O. (mg/L) | ORP (mV) |
|---|---|---|---|---|---|---|
| 1600 | 2 | 7.16 | 774 | 18.7 | | |
| 1607 | 4 | 6.95 | 782 | 18.2 | | |
| 1614 | 6.5 | 6.86 | 787 | 18.6 | | |
| | | | | | | |

### LABORATORY INFORMATION

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

Add/Replaced Lock: _____ Add/Replaced Plug: _____ Add/Replaced Bolt: _____

# GETTLER-RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-2506 Job Number: 385203
Site Address: 2630 Broadway Event Date: 3-17-10 (inclusive)
City: Oakland, CA Sampler: Joe

Well ID B-6 Date Monitored: 3-17-10
Well Diameter 2 in.
Total Depth 9.20 ft.
Depth to Water 8.15 ft.

| Volume Factor (VF) | 3/4"= 0.02 | t"= 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 then 0.50 ft.

____ xVF 0.17 = ____ 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: clear
Sample Time/Date: 1745 / 3-17-10 Water Color: light brown Odor: Y (N)
Approx. Flow Rate: ____ gpm. Sediment Description: sandy
Did well de-water? NO If yes, Time: ____ Volume: ____ gal. DTW @ Sampling: Grab Sample

| Time (2400 hr.) | Volume (gal.) | pH | Conductivity (µmhos/cm - µS) | Temperature (C / F) | D.O. (mg/L) | ORP (mV) |
|---|---|---|---|---|---|---|
| | | 6.93 | 897 | 18.8 | | |
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**LABORATORY INFORMATION**

| SAMPLE ID | (#) CONTAINER | REFRIG. | PRESERV. TYPE | LABORATORY | ANALYSES |
|---|---|---|---|---|---|
| B- 6 | 6 x voa vial | YES | HCL | LANCASTER | TPH-GRO(8015)/BTEX+MTBE(8260)/ 7 OXYS (8260) |
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COMMENTS: Barely enough water in well for a grab sample.

Add/Replaced Lock: ____ Add/Replaced Plug: ____ Add/Replaced Bolt: ____

# GETTLER-RYAN INC.

## WELL MONITORING/SAMPLING
## FIELD DATA SHEET

Client/Facility#: Chevron #9-2506 | Job Number: 385203
Site Address: 2630 Broadway | Event Date: 3-17-10 (inclusive)
City: Oakland, CA | Sampler: Joe

Well ID: B-7 | Date Monitored: 3-17-10
Well Diameter: 2 in.
Total Depth: 19.13 ft.
Depth to Water: 4.69 ft.

| 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 then 0.50 ft.

14.44 xVF 0.17 = 2.45 x3 case volume = Estimated Purge Volume: 7.5 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 7.57

**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): 1500 | Weather Conditions: clear
Sample Time/Date: 1535 / 3-17-10 | Water Color: clear | Odor: Y / (N)
Approx. Flow Rate: — gpm. | Sediment Description: none
Did well de-water? no | If yes, Time: — | Volume: — gal. | DTW @ Sampling: 5.28

| Time (2400 hr.) | Volume (gal.) | pH | Conductivity (µmhos/cm - µS) | Temperature (C / F) | D.O. (mg/L) | ORP (mV) |
|---|---|---|---|---|---|---|
| 1510 | 2.5 | 7.28 | 1216 | 17.8 | | |
| 1518 | 5 | 7.22 | 1181 | 18.4 | | |
| 1525 | 7.5 | 7.19 | 1883 | 18.1 | | |
| | | | | | | |

### LABORATORY INFORMATION

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

Add/Replaced Lock: _____ Add/Replaced Plug: _____ Add/Replaced Bolt: _____

# GETTLER-RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-2506 | Job Number: 385203
Site Address: 2630 Broadway | Event Date: 3-17-10 (inclusive)
City: Oakland, CA | Sampler: JC

Well ID: B-8 | Date Monitored: 3-17-10
Well Diameter: 2 in.
Total Depth: 19.50 ft.
Depth to Water: 4.41 ft. ☐ Check if water column is less then 0.50 ft.

| 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 |

15.09 xVF 0.17 = 2.57 x3 case volume = Estimated Purge Volume: 8 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 7.42

**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): 1315 | Weather Conditions: clear
Sample Time/Date: 1402 / 3-17-10 | Water Color: clear | Odor: Y / (N)
Approx. Flow Rate: — gpm. | Sediment Description: none
Did well de-water? NO | If yes, Time: — | Volume: — gal. | DTW @ Sampling: 5.16

| Time (2400 hr.) | Volume (gal.) | pH | Conductivity (µmhos/cm - (S)) | Temperature (C / F) | D.O. (mg/L) | ORP (mV) |
|---|---|---|---|---|---|---|
| 1325 | 2.5 | 6.96 | 954 | 18.5 | | |
| 1335 | 5 | 7.23 | 937 | 18.4 | | |
| 1346 | 8 | 7.28 | 943 | 18.7 | | |
| | | | | | | |

### LABORATORY INFORMATION

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

Add/Replaced Lock: _____ Add/Replaced Plug: _____ Add/Replaced Bolt: _____

# GETTLER-RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-2506 | Job Number: 385203
Site Address: 2630 Broadway | Event Date: 3-17-10 (inclusive)
City: Oakland, CA | Sampler: Jor

Well ID: B-9 | Date Monitored: 3-17-10
Well Diameter: 2 in.
Total Depth: 17.18 ft.
Depth to Water: 7.71 ft.

| Volume Factor (VF) | 3/4"= 0.02 | 1"= 0.04 | 2"= 0.17 | 3"= 0.38 |
|---|---|---|---|---|
| | 4"= 0.66 | 5"= 1.02 | 6"= t.50 | 12"= 5.80 |

☐ Check if water column is less then 0.50 ft.

9.47 x VF 0.17 = 1.61 x3 case volume = Estimated Purge Volume: 5 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 9.60

| Purge Equipment: | | Sampling Equipment: | |
|---|---|---|---|
| Disposable Bailer | ✓ | Disposable Bailer | ✓ |
| Stainless Steel Bailer | | Pressure Bailer | |
| Stack Pump | | Discrete Bailer | |
| Suction Pump | | Peristaltic Pump | |
| Grundfos | | QED Bladder Pump | |
| Peristaltic Pump | | Other: | |
| 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): 1710 | Weather Conditions: clear
Sample Time/Date: 1735 / 3-17-10 | Water Color: clear | Odor Y / N medium
Approx. Flow Rate: gpm. | Sediment Description: none
Did well de-water? no | If yes, Time: — | Volume: — gal. | DTW @ Sampling: 8.33

| Time (2400 hr.) | Volume (gal.) | pH | Conductivity (µmhos/cm - µS) | Temperature (C / F) | D.O. (mg/L) | ORP (mV) |
|---|---|---|---|---|---|---|
| 1716 | 1.5 | 6.53 | 691 | 18.8 | | |
| 1720 | 3 | 6.56 | 718 | 19.2 | | |
| 1725 | 5 | 6.63 | 720 | 19.1 | | |
| | | | | | | |

### LABORATORY INFORMATION

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

Add/Replaced Lock: _____ Add/Replaced Plug: _____ Add/Replaced Bolt: _____

# GETTLER-RYAN INC.

## WELL MONITORING/SAMPLING
## FIELD DATA SHEET

Client/Facility#: Chevron #9-2506 | Job Number: 385203
Site Address: 2630 Broadway | Event Date: 3-17-10 (inclusive)
City: Oakland, CA | Sampler: Joe

Well ID: B-10 | Date Monitored: 3-17-10
Well Diameter: 2 in.
Total Depth: 18.65 ft.
Depth to Water: 10.39 ft.

| 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 then 0.50 ft.

8.26 xVF 0.17 = 1.40 x3 case volume = Estimated Purge Volume: 4.5 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 12.04

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

**Sampling Equipment:**
- Disposable Bailer: ✓
- Pressure Bailer:
- Discrete Bailer:
- Peristaltic Pump:
- QED Bladder Pump:
- Other:

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

Start Time (purge): 0918 | Weather Conditions: clear
Sample Time/Date: 0952 / 3-17-10 | Water Color: clear Odor: Y / N
Approx. Flow Rate: — gpm. | Sediment Description: none
Did well de-water? no If yes, Time: — Volume: — gal. DTW @ Sampling: 10.77

| Time (2400 hr.) | Volume (gal.) | pH | Conductivity (µmhos/cm - µS) | Temperature (C / F) | D.O. (mg/L) | ORP (mV) |
|---|---|---|---|---|---|---|
| 0925 | 1 | 7.42 | 1204 | 18.4 | | |
| 0930 | 2.5 | 7.40 | 1156 | 18.0 | | |
| 0935 | 4.5 | 7.44 | 1154 | 18.2 | | |
| | | | | | | |

### LABORATORY INFORMATION

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

Add/Replaced Lock: _____ Add/Replaced Plug: _____ Add/Replaced Bolt: _____

# GETTLER-RYAN INC.

## WELL MONITORING/SAMPLING
## FIELD DATA SHEET

Client/Facility#: Chevron #9-2506 | Job Number: 385203
Site Address: 2630 Broadway | Event Date: 3-17-10 (inclusive)
City: Oakland, CA | Sampler: Joe

Well ID: B-11 | Date Monitored: 3-17-10
Well Diameter: 2 in.
Total Depth: 18.97 ft.
Depth to Water: 7.24 ft. ☐ Check if water column is less then 0.50 ft.

| 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 |

11.73 xVF 0.17 = 1.99 x3 case volume = Estimated Purge Volume: 6 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 9.58

**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): 1017 | Weather Conditions: clear
Sample Time/Date: 1050 / 3-17-10 | Water Color: clear | Odor: Y / (N)
Approx. Flow Rate: — gpm. | Sediment Description: none
Did well de-water? no | If yes, Time: — | Volume: — gal. | DTW @ Sampling: 7.82

| Time (2400 hr.) | Volume (gal.) | pH | Conductivity (µmhos/cm - µS) | Temperature (C / F) | D.O. (mg/L) | ORP (mV) |
|---|---|---|---|---|---|---|
| 1025 | 2 | 6.96 | 1061 | 18.7 | | |
| 1032 | 4 | 6.95 | 1066 | 18.3 | | |
| 1040 | 6 | 6.98 | 1057 | 18.3 | | |
| | | | | | | |

### LABORATORY INFORMATION

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

Add/Replaced Lock: _____ Add/Replaced Plug: _____ Add/Replaced Bolt: _____

# GETTLER-RYAN INC.

## WELL MONITORING/SAMPLING
## FIELD DATA SHEET

Client/Facility#: Chevron #9-2506 | Job Number: 385203
Site Address: 2630 Broadway | Event Date: 3-17-10 (inclusive)
City: Oakland, CA | Sampler: [illegible]

Well ID: B-12 | Date Monitored: 3-17-10
Well Diameter: 2 in.
Total Depth: 18.26 ft.
Depth to Water: 2.15 ft. ☐ Check if water column is less then 0.50 ft.

| 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 |

16.11 xVF 0.17 = 2.74 x3 case volume = Estimated Purge Volume: 8.5 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 5.37

**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): 1210 | Weather Conditions: clear
Sample Time/Date: 1255 / 3-17-10 | Water Color: clear | Odor: (Y) / N | moderate
Approx. Flow Rate: — gpm. | Sediment Description: none
Did well de-water? no | If yes, Time: — | Volume: — gal. | DTW @ Sampling: 3.02

| Time (2400 hr.) | Volume (gal.) | pH | Conductivity (µmhos/cm - µS) | Temperature (C / F) | D.O. (mg/L) | ORP (mV) |
|---|---|---|---|---|---|---|
| 1222 | 3 | 7.35 | 1007 | 18.2 | | |
| 1230 | 5 | 7.30 | 1015 | 18.1 | | |
| 1240 | 8.5 | 7.22 | 1011 | 18.0 | | |
| | | | | | | |

### LABORATORY INFORMATION

| SAMPLE ID | (#) CONTAINER | REFRIG. | PRESERV. TYPE | LABORATORY | ANALYSES |
|---|---|---|---|---|---|
| B- 12 | 6 x voa vial | YES | HCL | LANCASTER | TPH-GRO(8015)/BTEX+MTBE(8260)/ 7 OXYS (8260) |
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COMMENTS:

Add/Replaced Lock: _____ Add/Replaced Plug: _____ Add/Replaced Bolt: _____

# Chevron California Region Analysis Request/Chain of Custody

Lancaster Laboratories

03181806 Acct. #: 12099 For Lancaster Laboratories use only Sample # 5932260-69 Group #: 017770

CRA MTI Project #: 61H-1962 118677G

Facility #: SS#9-2506 G-R#385203 Global ID#T0600101812
Site Address: 2630 BROADWAY, OAKLAND, CA
Chevron PM: MTI Lead Consultant: CRAKJ
Consultant/Office: G-R, Inc., 6747 Sierra Court, Suite J, Dublin, CA 94568
Consultant Prj. Mgr.: Deanna L. Harding (deanna@grinc.com)
Consultant Phone #: 925-551-7555 Fax #: 925-551-7899
Sampler: JOE AJEMIAN

Analyses Requested / Preservation Codes

Preservative Codes: H = HCl; T = Thiosulfate; N = $HNO_3$; B = NaOH; S = $H_2SO_4$; 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 | Matrix: Grab | Composite | Soil | Water | Oil | Air | Potable | NPDES | Total Number of Containers | BTEX + MTBE 8260 ☒ 8021 ☐ | TPH 8015 MOD GRO | TPH 8015 MOD DRO ☐ Silica Gel Cleanup | 8260 full scan | 7 Oxygenates (8260) | Total Lead Method | Dissolved Lead Method |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| B-1 | 3-17-10 | 1458 | ✓ | | | ✓ | | | | | 6 | ✓ | ✓ | | | ✓ | | |
| B-3 | | 1702 | | | | | | | | | 6 | ✓ | ✓ | | | ✓ | | |
| B-5 | | 1633 | | | | | | | | | 6 | ✓ | ✓ | | | ✓ | | |
| B-6 | | 1745 | | | | | | | | | 6 | ✓ | ✓ | | | ✓ | | |
| B-7 | | 1535 | | | | | | | | | 6 | ✓ | ✓ | | | ✓ | | |
| B-8 | | 1400 | | | | | | | | | 6 | ✓ | ✓ | | | ✓ | | |
| B-9 | | 1735 | | | | | | | | | 6 | ✓ | ✓ | | | ✓ | | |
| B-10 | | 0952 | | | | | | | | | 6 | ✓ | ✓ | | | ✓ | | |
| B-11 | | 1050 | | | | | | | | | 6 | ✓ | ✓ | | | ✓ | | |
| B-12 | ↓ | 1255 | ↓ | | | ↓ | | | | | 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) EDF/EDD
QC Summary | Type I - Full | Type VI (Raw Data) | ☐ Coelt Deliverable not needed | WIP (RWQCB) | Disk

| | Relinquished by: | Date | Time | Received by: | Date | Time |
|---|---|---|---|---|---|---|
| 1 | | 3-17-10 | 2000 | GETTLER-RYAN FRIDGE | 03/18/10 | 0730 |
| 2 | | 3/18/10 | 1435 | | 18MAR10 | 1435 |
| 3 | | 18MAR10 | 1630 | FEDEX | | |
| | Relinquished by Commercial Carrier: UPS FedEx Other | | | Received by: | | |
| | Temperature Upon Receipt 0.8-2.1 C° | | | Custody Seals Intact? Yes No | | |

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# Analysis Report

ANALYTICAL RESULTS



Prepared for:

Chevron c/o CRA
Suite 110
2000 Opportunity Drive
Roseville CA 95678

916-677-3407

Prepared by:

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

March 26, 2010

Project: 92506

Samples arrived at the laboratory on Friday, March 19, 2010. The PO# for this group is 92506 and the release number is MTI. The group number for this submittal is 1186776.

| Client Sample Description | Lancaster Labs (LLI) # |
|---|---|
| B-1-W-100317 Grab Water | 5932260 |
| B-3-W-100317 Grab Water | 5932261 |
| B-5-W-100317 Grab Water | 5932262 |
| B-6-W-100317 Grab Water | 5932263 |
| B-7-W-100317 Grab Water | 5932264 |
| B-8-W-100317 Grab Water | 5932265 |
| B-9-W-100317 Grab Water | 5932266 |
| B-10-W-100317 Grab Water | 5932267 |
| B-11-W-100317 Grab Water | 5932268 |
| B-12-W-100317 Grab Water | 5932269 |

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

ELECTRONIC COPY TO Gettler-Ryan, Inc. Attn: Cheryl Hansen

Lancaster Laboratories

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# Analysis Report

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

Respectfully Submitted,

Valerie L. Tomayko
Group Leader

Lancaster Laboratories

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# Analysis Report



**Sample Description:** B-1-W-100317 Grab Water
Facility# 92506 Job# 385203 MTI# 61H-1962 GRD
2630 Broadway-Oakland T0600101812 B-1

**LLI Sample #** WW 5932260
**LLI Group #** 1186776
CA

**Project Name:** 92506

Collected: 03/17/2010 14:53 by JA

Account Number: 12099

Submitted: 03/19/2010 09:15
Reported: 03/26/2010 at 13:03
Discard: 04/26/2010

Chevron c/o CRA
Suite 110
2000 Opportunity Drive
Roseville CA 95678

OK-B1

| CAT No. | Analysis Name | CAS Number | As Received Result | As Received Method Detection Limit | Dilution Factor |
|---|---|---|---|---|---|
| **GC/MS Volatiles** | **SW-846 8260B** | | 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 | 160 | 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 | 3 | 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 | 2 | 0.5 | 1 |
| 10943 | Toluene | 108-88-3 | N.D. | 0.5 | 1 |
| 10943 | Xylene (Total) | 1330-20-7 | N.D. | 0.5 | 1 |
| **GC Volatiles** | **SW-846 8015B** | | ug/l | ug/l | |
| 01728 | TPH-GRO N. CA water C6-C12 | n.a. | N.D. | 50 | 1 |

## General Sample Comments

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

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

## Laboratory Sample Analysis Record

| CAT No. | Analysis Name | Method | Trial# | Batch# | Analysis Date and Time | Analyst | Dilution Factor |
|---|---|---|---|---|---|---|---|
| 01163 | GC/MS VOA Water Prep | SW-846 5030B | 1 | D100821AA | 03/23/2010 20:12 | Florida A Cimino | 1 |
| 10943 | BTEX+5 Oxys+EDC+EDB Water | SW-846 8260B | 1 | D100821AA | 03/23/2010 20:12 | Florida A Cimino | 1 |
| 01146 | GC VOA Water Prep | SW-846 5030B | 1 | 10082A20A | 03/24/2010 00:47 | Carrie E Miller | 1 |
| 01728 | TPH-GRO N. CA water C6-C12 | SW-846 8015B | 1 | 10082A20A | 03/24/2010 00:47 | Carrie E Miller | 1 |

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# Analysis Report



**Sample Description:** B-3-W-100317 Grab Water
Facility# 92506 Job# 385203 MTI# 61H-1962 GRD
2630 Broadway-Oakland T0600101812 B-3

LLI Sample # WW 5932261
LLI Group # 1186776
CA

**Project Name: 92506**

Collected: 03/17/2010 17:02 by JA

Account Number: 12099

Submitted: 03/19/2010 09:15
Reported: 03/26/2010 at 13:03
Discard: 04/26/2010

Chevron c/o CRA
Suite 110
2000 Opportunity Drive
Roseville CA 95678

OK-B3

| CAT No. | Analysis Name | CAS Number | As Received Result | As Received Method Detection Limit | Dilution Factor |
|---|---|---|---|---|---|
| **GC/MS Volatiles** | **SW-846 8260B** | | **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 | 130 | 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 | 2 | 0.5 | 1 |
| 10943 | Toluene | 108-88-3 | N.D. | 0.5 | 1 |
| 10943 | Xylene (Total) | 1330-20-7 | N.D. | 0.5 | 1 |
| **GC Volatiles** | **SW-846 8015B** | | **ug/l** | **ug/l** | |
| 01728 | TPH-GRO N. CA water C6-C12 | n.a. | 120 | 50 | 1 |

## General Sample Comments

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

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

## Laboratory Sample Analysis Record

| CAT No. | Analysis Name | Method | Trial# | Batch# | Analysis Date and Time | Analyst | Dilution Factor |
|---|---|---|---|---|---|---|---|
| 01163 | GC/MS VOA Water Prep | SW-846 5030B | 1 | D100821AA | 03/23/2010 21:32 | Florida A Cimino | 1 |
| 10943 | BTEX+5 Oxys+EDC+EDB Water | SW-846 8260B | 1 | D100821AA | 03/23/2010 21:32 | Florida A Cimino | 1 |
| 01146 | GC VOA Water Prep | SW-846 5030B | 1 | 10082A20A | 03/24/2010 01:08 | Carrie E Miller | 1 |
| 01728 | TPH-GRO N. CA water C6-C12 | SW-846 8015B | 1 | 10082A20A | 03/24/2010 01:08 | Carrie E Miller | 1 |

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# Analysis Report



**Sample Description:** B-5-W-100317 Grab Water
Facility# 92506 Job# 385203 MTI# 61H-1962 GRD
2630 Broadway-Oakland T0600101812 B-5

LLI Sample # WW 5932262
LLI Group # 1186776
CA

**Project Name:** 92506

Collected: 03/17/2010 16:33 by JA

Submitted: 03/19/2010 09:15
Reported: 03/26/2010 at 13:03
Discard: 04/26/2010

Account Number: 12099

Chevron c/o CRA
Suite 110
2000 Opportunity Drive
Roseville CA 95678

OK-B5

| CAT No. | Analysis Name | CAS Number | As Received Result | As Received Method Detection Limit | Dilution Factor |
|---|---|---|---|---|---|
| **GC/MS Volatiles** | **SW-846 8260B** | | 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 | 3 | 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 | 8 | 0.5 | 1 |
| 10943 | Toluene | 108-88-3 | N.D. | 0.5 | 1 |
| 10943 | Xylene (Total) | 1330-20-7 | N.D. | 0.5 | 1 |
| **GC Volatiles** | **SW-846 8015B** | | ug/l | ug/l | |
| 01728 | TPH-GRO N. CA water C6-C12 | n.a. | 210 | 50 | 1 |

## General Sample Comments

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

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

## Laboratory Sample Analysis Record

| CAT No. | Analysis Name | Method | Trial# | Batch# | Analysis Date and Time | Analyst | Dilution Factor |
|---|---|---|---|---|---|---|---|
| 01163 | GC/MS VOA Water Prep | SW-846 5030B | 1 | D100821AA | 03/23/2010 22:37 | Florida A Cimino | 1 |
| 10943 | BTEX+5 Oxys+EDC+EDB Water | SW-846 8260B | 1 | D100821AA | 03/23/2010 22:37 | Florida A Cimino | 1 |
| 01146 | GC VOA Water Prep | SW-846 5030B | 1 | 10082A20A | 03/24/2010 01:30 | Carrie E Miller | 1 |
| 01728 | TPH-GRO N. CA water C6-C12 | SW-846 8015B | 1 | 10082A20A | 03/24/2010 01:30 | Carrie E Miller | 1 |

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# Analysis Report



**Sample Description:** B-6-W-100317 Grab Water
Facility# 92506 Job# 385203 MTI# 61H-1962 GRD
2630 Broadway-Oakland T0600101812 B-6

LLI Sample # WW 5932263
LLI Group # 1186776
CA

**Project Name:** 92506

Collected: 03/17/2010 17:45 by JA

Account Number: 12099

Submitted: 03/19/2010 09:15
Reported: 03/26/2010 at 13:03
Discard: 04/26/2010

Chevron c/o CRA
Suite 110
2000 Opportunity Drive
Roseville CA 95678

OK-B6

| CAT No. | Analysis Name | CAS Number | As Received Result | As Received Method Detection Limit | Dilution Factor |
|---|---|---|---|---|---|
| **GC/MS Volatiles** | **SW-846 8260B** | | 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 | 17 | 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 | 10 | 0.5 | 1 |
| 10943 | Toluene | 108-88-3 | N.D. | 0.5 | 1 |
| 10943 | Xylene (Total) | 1330-20-7 | N.D. | 0.5 | 1 |
| **GC Volatiles** | **SW-846 8015B** | | ug/l | ug/l | |
| 01728 | TPH-GRO N. CA water C6-C12 | n.a. | N.D. | 50 | 1 |

## General Sample Comments

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

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

## Laboratory Sample Analysis Record

| CAT No. | Analysis Name | Method | Trial# | Batch# | Analysis Date and Time | Analyst | Dilution Factor |
|---|---|---|---|---|---|---|---|
| 01163 | GC/MS VOA Water Prep | SW-846 5030B | 1 | D100821AA | 03/23/2010 23:00 | Florida A Cimino | 1 |
| 10943 | BTEX+5 Oxys+EDC+EDB Water | SW-846 8260B | 1 | D100821AA | 03/23/2010 23:00 | Florida A Cimino | 1 |
| 01146 | GC VOA Water Prep | SW-846 5030B | 1 | 10082A20A | 03/24/2010 01:52 | Carrie E Miller | 1 |
| 01728 | TPH-GRO N. CA water C6-C12 | SW-846 8015B | 1 | 10082A20A | 03/24/2010 01:52 | Carrie E Miller | 1 |

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# Analysis Report



**Sample Description:** B-7-W-100317 Grab Water
Facility# 92506 Job# 385203 MTI# 61H-1962 GRD
2630 Broadway-Oakland T0600101812 B-7

**LLI Sample #** WW 5932264
**LLI Group #** 1186776
CA

**Project Name:** 92506

Collected: 03/17/2010 15:35 by JA

Submitted: 03/19/2010 09:15
Reported: 03/26/2010 at 13:03
Discard: 04/26/2010

Account Number: 12099

Chevron c/o CRA
Suite 110
2000 Opportunity Drive
Roseville CA 95678

OK-B7

| CAT No. | Analysis Name | CAS Number | As Received Result | As Received Method Detection Limit | Dilution Factor |
|---|---|---|---|---|---|
| **GC/MS Volatiles** | **SW-846 8260B** | | 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 | 2 | 0.5 | 1 |
| 10943 | Toluene | 108-88-3 | N.D. | 0.5 | 1 |
| 10943 | Xylene (Total) | 1330-20-7 | N.D. | 0.5 | 1 |
| **GC Volatiles** | **SW-846 8015B** | | ug/l | ug/l | |
| 01728 | TPH-GRO N. CA water C6-C12 | n.a. | 330 | 50 | 1 |

## General Sample Comments

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

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

## Laboratory Sample Analysis Record

| CAT No. | Analysis Name | Method | Trial# | Batch# | Analysis Date and Time | Analyst | Dilution Factor |
|---|---|---|---|---|---|---|---|
| 01163 | GC/MS VOA Water Prep | SW-846 5030B | 1 | D100821AA | 03/23/2010 23:22 | Florida A Cimino | 1 |
| 10943 | BTEX+5 Oxys+EDC+EDB Water | SW-846 8260B | 1 | D100821AA | 03/23/2010 23:22 | Florida A Cimino | 1 |
| 01146 | GC VOA Water Prep | SW-846 5030B | 1 | 10082C20A | 03/24/2010 12:39 | Elizabeth J Marin | 1 |
| 01728 | TPH-GRO N. CA water C6-C12 | SW-846 8015B | 1 | 10082C20A | 03/24/2010 12:39 | Elizabeth J Marin | 1 |

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# Analysis Report



**Sample Description:** B-8-W-100317 Grab Water
Facility# 92506 Job# 385203 MTI# 61H-1962 GRD
2630 Broadway-Oakland T0600101812 B-8

LLI Sample # WW 5932265
LLI Group # 1186776
CA

**Project Name:** 92506

Collected: 03/17/2010 14:00 by JA

Submitted: 03/19/2010 09:15
Reported: 03/26/2010 at 13:03
Discard: 04/26/2010

Account Number: 12099

Chevron c/o CRA
Suite 110
2000 Opportunity Drive
Roseville CA 95678

OK-B8

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

## General Sample Comments

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

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

## Laboratory Sample Analysis Record

| CAT No. | Analysis Name | Method | Trial# | Batch# | Analysis Date and Time | Analyst | Dilution Factor |
|---|---|---|---|---|---|---|---|
| 01163 | GC/MS VOA Water Prep | SW-846 5030B | 1 | D100821AA | 03/23/2010 23:44 | Florida A Cimino | 1 |
| 10943 | BTEX+5 Oxys+EDC+EDB Water | SW-846 8260B | 1 | D100821AA | 03/23/2010 23:44 | Florida A Cimino | 1 |
| 01146 | GC VOA Water Prep | SW-846 5030B | 1 | 10082C20A | 03/24/2010 13:00 | Elizabeth J Marin | 1 |
| 01728 | TPH-GRO N. CA water C6-C12 | SW-846 8015B | 1 | 10082C20A | 03/24/2010 13:00 | Elizabeth J Marin | 1 |

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# Analysis Report



**Sample Description:** B-9-W-100317 Grab Water
Facility# 92506 Job# 385203 MTI# 61H-1962 GRD
2630 Broadway-Oakland T0600101812 B-9

LLI Sample # WW 5932266
LLI Group # 1186776
CA

**Project Name:** 92506

Collected: 03/17/2010 17:35 by JA

Submitted: 03/19/2010 09:15
Reported: 03/26/2010 at 13:03
Discard: 04/26/2010

Account Number: 12099

Chevron c/o CRA
Suite 110
2000 Opportunity Drive
Roseville CA 95678

OK-B9

| CAT No. | Analysis Name | CAS Number | As Received Result | As Received Method Detection Limit | Dilution Factor |
|---|---|---|---|---|---|
| **GC/MS Volatiles** | **SW-846 8260B** | | ug/l | ug/l | |
| 10943 | t-Amyl methyl ether | 994-05-8 | 0.6 | 0.5 | 1 |
| 10943 | Benzene | 71-43-2 | 40 | 0.5 | 1 |
| 10943 | t-Butyl alcohol | 75-65-0 | 64 | 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 | Bthylbenzene | 100-41-4 | 5 | 0.5 | 1 |
| 10943 | di-Isopropyl ether | 108-20-3 | N.D. | 0.5 | 1 |
| 10943 | Methyl Tertiary Butyl Ether | 1634-04-4 | 28 | 0.5 | 1 |
| 10943 | Toluene | 108-88-3 | 5 | 0.5 | 1 |
| 10943 | Xylene (Total) | 1330-20-7 | 5 | 0.5 | 1 |
| **GC Volatiles** | **SW-846 8015B** | | ug/l | ug/l | |
| 01728 | TPH-GRO N. CA water C6-C12 | n.a. | 3,200 | 50 | 1 |

## General Sample Comments

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

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

## Laboratory Sample Analysis Record

| CAT No. | Analysis Name | Method | Trial# | Batch# | Analysis Date and Time | Analyst | Dilution Factor |
|---|---|---|---|---|---|---|---|
| 01163 | GC/MS VOA Water Prep | SW-846 5030B | 1 | D100821AA | 03/24/2010 00:07 | Florida A Cimino | 1 |
| 10943 | BTEX+5 Oxys+EDC+EDB Water | SW-846 8260B | 1 | D100821AA | 03/24/2010 00:07 | Florida A Cimino | 1 |
| 01146 | GC VOA Water Prep | SW-846 5030B | 1 | 10082C20A | 03/24/2010 13:22 | Elizabeth J Marin | 1 |
| 01728 | TPH-GRO N. CA water C6-C12 | SW-846 8015B | 1 | 10082C20A | 03/24/2010 13:22 | Elizabeth J Marin | 1 |

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# Analysis Report



**Sample Description:** B-10-W-100317 Grab Water
Facility# 92506 Job# 385203 MTI# 61H-1962 GRD
2630 Broadway-Oakland T0600101812 B-10

LLI Sample # WW 5932267
LLI Group # 1186776
CA

**Project Name:** 92506

Collected: 03/17/2010 09:52 by JA

Submitted: 03/19/2010 09:15
Reported: 03/26/2010 at 13:03
Discard: 04/26/2010

Account Number: 12099

Chevron c/o CRA
Suite 110
2000 Opportunity Drive
Roseville CA 95678

OKB10

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

## General Sample Comments

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

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

## Laboratory Sample Analysis Record

| CAT No. | Analysis Name | Method | Trial# | Batch# | Analysis Date and Time | Analyst | Dilution Factor |
|---|---|---|---|---|---|---|---|
| 01163 | GC/MS VOA Water Prep | SW-846 5030B | 1 | D100821AA | 03/24/2010 00:29 | Florida A Cimino | 1 |
| 10943 | BTEX+5 Oxys+EDC+EDB Water | SW-846 8260B | 1 | D100821AA | 03/24/2010 00:29 | Florida A Cimino | 1 |
| 01146 | GC VOA Water Prep | SW-846 5030B | 1 | 10082C20A | 03/24/2010 13:44 | Elizabeth J Marin | 1 |
| 01728 | TPH-GRO N. CA water C6-C12 | SW-846 8015B | 1 | 10082C20A | 03/24/2010 13:44 | Elizabeth J Marin | 1 |

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# Analysis Report



**Sample Description:** B-11-W-100317 Grab Water
Facility# 92506 Job# 385203 MTI# 61H-1962 GRD
2630 Broadway-Oakland T0600101812 B-11

LLI Sample # WW 5932268
LLI Group # 1186776
CA

**Project Name: 92506**

Collected: 03/17/2010 10:50 by JA

Account Number: 12099

Submitted: 03/19/2010 09:15
Reported: 03/26/2010 at 13:03
Discard: 04/26/2010

Chevron c/o CRA
Suite 110
2000 Opportunity Drive
Roseville CA 95678

OKB11

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

## General Sample Comments

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

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

## Laboratory Sample Analysis Record

| CAT No. | Analysis Name | Method | Trial# | Batch# | Analysis Date and Time | Analyst | Dilution Factor |
|---|---|---|---|---|---|---|---|
| 01163 | GC/MS VOA Water Prep | SW-846 5030B | 1 | D100821AA | 03/24/2010 00:51 | Florida A Cimino | 1 |
| 10943 | BTEX+5 Oxys+EDC+EDB Water | SW-846 8260B | 1 | D100821AA | 03/24/2010 00:51 | Florida A Cimino | 1 |
| 01146 | GC VOA Water Prep | SW-846 5030B | 1 | 10082C20A | 03/24/2010 14:06 | Elizabeth J Marin | 1 |
| 01728 | TPH-GRO N. CA water C6-C12 | SW-846 8015B | 1 | 10082C20A | 03/24/2010 14:06 | Elizabeth J Marin | 1 |

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# Analysis Report



**Sample Description:** B-12-W-100317 Grab Water
Facility# 92506 Job# 385203 MTI# 61H-1962 GRD
2630 Broadway-Oakland T0600101812 B-12

LLI Sample # WW 5932269
LLI Group # 1186776
CA

**Project Name: 92506**

Collected: 03/17/2010 12:55 by JA

Submitted: 03/19/2010 09:15
Reported: 03/26/2010 at 13:03
Discard: 04/26/2010

Account Number: 12099

Chevron c/o CRA
Suite 110
2000 Opportunity Drive
Roseville CA 95678

OKB12

| CAT No. | Analysis Name | CAS Number | As Received Result | As Received Method Detection Limit | Dilution Factor |
|---|---|---|---|---|---|
| **GC/MS Volatiles** | **SW-846 8260B** | | ug/l | ug/l | |
| 10943 | t-Amyl methyl ether | 994-05-8 | N.D. | 0.5 | 1 |
| 10943 | Benzene | 71-43-2 | N.D. | 0.5 | 1 |
| 10943 | t-Butyl alcohol | 75-65-0 | N.D. | 2 | 1 |
| 10943 | 1,2-Dibromoethane | 106-93-4 | N.D. | 0.5 | 1 |
| 10943 | 1,2-Dichloroethane | 107-06-2 | N.D. | 0.5 | 1 |
| 10943 | Ethyl t-butyl ether | 637-92-3 | N.D. | 0.5 | 1 |
| 10943 | Ethylbenzene | 100-41-4 | N.D. | 0.5 | 1 |
| 10943 | di-Isopropyl ether | 108-20-3 | N.D. | 0.5 | 1 |
| 10943 | Methyl Tertiary Butyl Ether | 1634-04-4 | N.D. | 0.5 | 1 |
| 10943 | Toluene | 108-88-3 | N.D. | 0.5 | 1 |
| 10943 | Xylene (Total) | 1330-20-7 | N.D. | 0.5 | 1 |
| **GC Volatiles** | **SW-846 8015B** | | ug/l | ug/l | |
| 01728 | TPH-GRO N. CA water C6-C12 | n.a. | 98 | 50 | 1 |

## General Sample Comments

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

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

## Laboratory Sample Analysis Record

| CAT No. | Analysis Name | Method | Trial# | Batch# | Analysis Date and Time | Analyst | Dilution Factor |
|---|---|---|---|---|---|---|---|
| 01163 | GC/MS VOA Water Prep | SW-846 5030B | 1 | D100821AA | 03/24/2010 01:14 | Florida A Cimino | 1 |
| 10943 | BTEX+5 Oxys+EDC+EDB Water | SW-846 8260B | 1 | D100821AA | 03/24/2010 01:14 | Florida A Cimino | 1 |
| 01146 | GC VOA Water Prep | SW-846 5030B | 1 | 10082C20A | 03/24/2010 14:27 | Elizabeth J Marin | 1 |
| 01728 | TPH-GRO N. CA water C6-C12 | SW-846 8015B | 1 | 10082C20A | 03/24/2010 14:27 | Elizabeth J Marin | 1 |

## Quality Control Summary

Client Name: Chevron c/o CRA
Reported: 03/26/10 at 01:03 PM

Group Number: 1186776

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

### Laboratory Compliance Quality Control

| Analysis Name | Blank Result | Blank MDL | Report Units | LCS %REC | LCSD %REC | LCS/LCSD Limits | RPD | RPD Max |
|---|---|---|---|---|---|---|---|---|
| Batch number: D100821AA | Sample number(s): 5932260-5932269 | | | | | | | |
| t-Amyl methyl ether | N.D. | 0.5 | ug/l | 99 | | 77-120 | | |
| Benzene | N.D. | 0.5 | ug/l | 94 | | 79-120 | | |
| t-Butyl alcohol | N.D. | 2. | ug/l | 79 | | 73-120 | | |
| 1,2-Dibromoethane | N.D. | 0.5 | ug/l | 95 | | 80-120 | | |
| 1,2-Dichloroethane | N.D. | 0.5 | ug/l | 93 | | 70-130 | | |
| Ethyl t-butyl ether | N.D. | 0.5 | ug/l | 100 | | 76-120 | | |
| Ethylbenzene | N.D. | 0.5 | ug/l | 100 | | 79-120 | | |
| di-Isopropyl ether | N.D. | 0.5 | ug/l | 98 | | 71-124 | | |
| Methyl Tertiary Butyl Ether | N.D. | 0.5 | ug/l | 101 | | 76-120 | | |
| Toluene | N.D. | 0.5 | ug/l | 98 | | 79-120 | | |
| Xylene (Total) | N.D. | 0.5 | ug/l | 103 | | 80-120 | | |
| Batch number: 10082A20A | Sample number(s): 5932260-5932263 | | | | | | | |
| TPH-GRO N. CA water C6-C12 | N.D. | 50. | ug/l | 109 | 100 | 75-135 | 9 | 30 |
| Batch number: 10082C20A | Sample number(s): 5932264-5932269 | | | | | | | |
| 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: D100821AA | Sample number(s): 5932260-5932269 UNSPK: 5932260 | | | | | | | | |
| t-Amyl methyl ether | 107 | 110 | 75-122 | 3 | 30 | | | | |
| Benzene | 110 | 112 | 80-126 | 2 | 30 | | | | |
| t-Butyl alcohol | 80 | 89 | 67-119 | 5 | 30 | | | | |
| 1,2-Dibromoethane | 104 | 106 | 77-116 | 1 | 30 | | | | |
| 1,2-Dichloroethane | 104 | 108 | 66-141 | 4 | 30 | | | | |
| Ethyl t-butyl ether | 111 | 112 | 74-122 | 1 | 30 | | | | |
| Ethylbenzene | 112 | 114 | 71-134 | 1 | 30 | | | | |
| di-Isopropyl ether | 111 | 113 | 70-129 | 1 | 30 | | | | |
| Methyl Tertiary Butyl Ether | 114 | 117 | 72-126 | 2 | 30 | | | | |
| Toluene | 113 | 113 | 80-125 | 0 | 30 | | | | |
| Xylene (Total) | 113 | 116 | 79-125 | 2 | 30 | | | | |
| Batch number: 10082A20A | Sample number(s): 5932260-5932263 UNSPK: P930820 | | | | | | | | |
| TPH-GRO N. CA water C6-C12 | 91 | | 63-154 | | | | | | |
| Batch number: 10082C20A | Sample number(s): 5932264-5932269 UNSPK: 5932264 | | | | | | | | |

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

## Quality Control Summary

Client Name: Chevron c/o CRA
Reported: 03/26/10 at 01:03 PM

Group Number: 1186776

### 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 |
|---|---|---|---|---|---|---|---|---|---|
| TPH-GRO N. CA water C6-C12 | 134 | | 63-154 | | | | | | |

### Surrogate Quality Control

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

Analysis Name: UST VOCs by 8260B - Water
Batch number: D100821AA

| | Dibromofluoromethane | 1,2-Dichloroethane-d4 | Toluene-d8 | 4-Bromofluorobenzene |
|---|---|---|---|---|
| 5932260 | 97 | 95 | 101 | 100 |
| 5932261 | 98 | 97 | 102 | 101 |
| 5932262 | 99 | 97 | 100 | 99 |
| 5932263 | 99 | 97 | 100 | 100 |
| 5932264 | 97 | 93 | 102 | 104 |
| 5932265 | 99 | 99 | 100 | 100 |
| 5932266 | 98 | 96 | 93 | 98 |
| 5932267 | 100 | 96 | 99 | 100 |
| 5932268 | 101 | 99 | 101 | 101 |
| 5932269 | 99 | 98 | 99 | 99 |
| Blank | 98 | 98 | 100 | 97 |
| LCS | 99 | 98 | 100 | 95 |
| MS | 101 | 104 | 101 | 101 |
| MSD | 100 | 101 | 101 | 101 |
| Limits: | 80-116 | 77-113 | 80-113 | 78-113 |

Analysis Name: TPH-GRO N. CA water C6-C12
Batch number: 10082A20A

| | Trifluorotoluene-F |
|---|---|
| 5932260 | 83 |
| 5932261 | 102 |
| 5932262 | 87 |
| 5932263 | 88 |
| Blank | 81 |
| LCS | 124 |
| LCSD | 105 |
| MS | 112 |
| Limits: | 63-135 |

Analysis Name: TPH-GRO N. CA water C6-C12
Batch number: 10082C20A

| | Trifluorotoluene-F |
|---|---|
| 5932264 | 111 |
| 5932265 | 80 |
| 5932266 | 141* |

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

## Quality Control Summary

Client Name: Chevron c/o CRA
Reported: 03/26/10 at 01:03 PM

Group Number: 1186776

### Surrogate Quality Control

| | |
|---|---|
| 5932267 | 96 |
| 5932268 | 96 |
| 5932269 | 82 |
| Blank | 98 |
| LCS | 105 |
| LCSD | 123 |
| MS | 136* |
| 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.

# Lancaster Laboratories
# Explanation of Symbols and Abbreviations

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

| | | | |
|---|---|---|---|
| **N.D.** | none detected | **BMQL** | Below Minimum Quantitation Level |
| **TNTC** | Too Numerous To Count | **MPN** | Most Probable Number |
| **IU** | International Units | **CP Units** | cobalt-chloroplatinate units |
| **umhos/cm** | micromhos/cm | **NTU** | nephelometric turbidity units |
| **C** | degrees Celsius | **F** | degrees Fahrenheit |
| **Cal** | (diet) calories | **lb.** | pound(s) |
| **meq** | milliequivalents | **kg** | kilogram(s) |
| **g** | gram(s) | **mg** | milligram(s) |
| **ug** | microgram(s) | **l** | liter(s) |
| **ml** | milliliter(s) | **ul** | microliter(s) |
| **m3** | cubic meter(s) | **fib >5 um/ml** | fibers greater than 5 microns in length per ml |

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

**>** greater than

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

**ppb** parts per billion

**Dry weight basis** Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture.

*U.S. EPA data qualifiers:*

**Organic Qualifiers**

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

**Inorganic Qualifiers**

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

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

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

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