**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 3, 2010
(date)

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

Re: Chevron Facility #_9-2960_____

Address: 2416 Grove Way, Castro Valley, California_____

I have reviewed the attached report titled *First Semi-Annual 2010 Groundwater Monitoring Report*_____ and dated May 3, 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 3, 2010

Reference No. 611964

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. 9-2960
2416 Grove Way
Castro Valley, California
LOP Case RO0000275

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 monitoring and sampling of well C-8 during first quarter 2010. Well C-8 is sampled on a semi-annual basis during the first and third quarters. Wells C-4 and C-6 were paved over in 1999 and 2000, respectively, and have not been able to be re-located; and well C-7 is no longer monitored or sampled. 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 the January 21, 2009 *Work Plan for Additional Subsurface Investigation*, additional investigation is planned to evaluate current groundwater quality in the area of former well C-6 and to evaluate groundwater quality between former well C-6 and well C-7 (Figure 2), and will be performed during second quarter 2010.

CONESTOGA-ROVERS
& ASSOCIATES

May 3, 2010 Reference No. 611964



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

Sincerely,

CONESTOGA-ROVERS & ASSOCIATES

Christopher J. Benedict

James P. Kiernan, P.E. #C68498

REGISTERED PROFESSIONAL ENGINEER
JAMES P. KIERNAN
No. 68498
Exp. 9/30/11
CIVIL
STATE OF CALIFORNIA

5/12/10

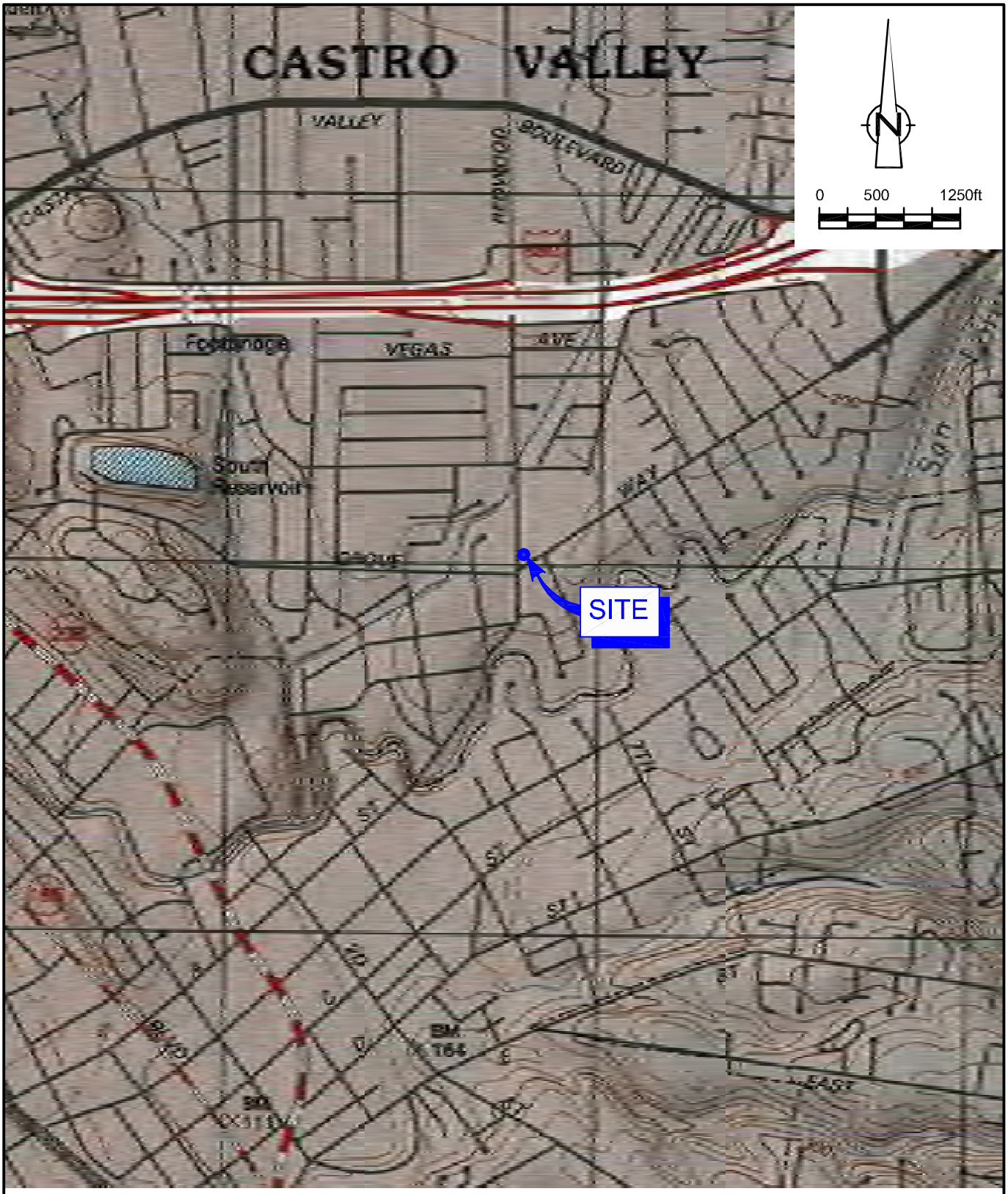
CB/jt/8
Encl.

Figure 1 Vicinity Map
Figure 2 Concentration Map – March 16, 2010

Attachment A First Semi-Annual 2010 Groundwater Monitoring and Sampling Report

cc: Ms. Stacie Frerichs, Chevron
Mr. Phil Conley, President Board of Trustees, First Presbyterian Church

FIGURES

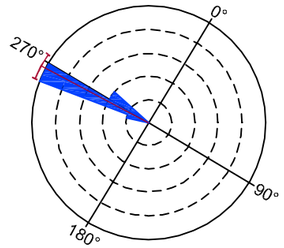



SOURCE: TOPO! MAPS.

figure 1

VICINITY MAP
FORMER CHEVRON SERVICE STATION 9-2960
2416 GROVE WAY
*Castro Valley, California*

611964-199(008)GN-WA001 APR 28/2010




HISTORICAL GROUNDWATER
FLOW DIRECTION

LEGEND

GP-1 PROPOSED GEOPROBE BORING LOCATION

VAPOR BORING LOCATION

MONITORING WELL LOCATION

SOIL BORING LOCATION

SOIL BORING LOCATION (2004)

ABANDONED WELL LOCATION

WELL LOCATION PAVED OVER

(440) TPHg CONCENTRATION (ug/L)

*(0.9)* BENZENE CONCENTRATION (ug/L)

(18) MTBE CONCENTRATION (ug/L)

(DISC) DISCONTINUED

< NOT DETECTED AT OR ABOVE STATED REPORTING LIMIT




figure 2

CONCENTRATION MAP - MARCH 16, 2010
FORMER CHEVRON SERVICE STATION 9-2960
2416 GROVE WAY
*Castro Valley, California*

611964-199(008)GN-WA002 APR 28/2010

ATTACHMENT A

FIRST SEMI-ANNUAL 2010 GROUNDWATER MONITORING AND SAMPLING REPORT

# GETTLER-RYAN INC.

## TRANSMITTAL

April 16, 2010
G-R #386365

TO: Mr. James Kiernan
Conestoga-Rovers & 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**
**#9-2960 (MTI)**
**2416 Grove Way**
**Castro Valley, California**
**RO 0000275**

WE HAVE ENCLOSED THE FOLLOWING:

| COPIES | DATED | DESCRIPTION |
|---|---|---|
| 3 | April 13, 2010 | Groundwater Monitoring and Sampling Report<br>**First Semi-Annual Event of March 16, 2010** |

COMMENTS:

Pursuant to your request, we are providing you with copies of the above referenced items for **your use and distribution (including PDF submittal of the entire report to GeoTracker)**:

Ms. Stacie H. Frerichs, Chevron Environmental Management Company, 6111 Bollinger Canyon Road, Room 3596, San Ramon, CA 94583
Mr. Phil Conley, President Board of Trustees, First Presbyterian Church, 2490 Grove Way, Castro Valley, CA 94546
Mr. Steven Plunkett, 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.)**

Enclosures

trans/9-2960-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 16, 2010
(date)

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

Re: Chevron Facility #9-2960

Address: 2416 Grove Way, Castro Valley, California

I have reviewed the attached routine groundwater monitoring report dated April 16, 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 #9-2960
Site Address: 2416 Grove Way
City: Castro Valley, CA

Job # 386365
Event Date: 3/16/10
Sampler: JA

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| C-8 | OK | — | | | | | | N | N | 12" cmo | N |
| | | | | | | | | | | | |
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Comments

# GETTLER-RYAN INC.

April 13, 2010
G-R Job #386365

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 16, 2010**
Groundwater Monitoring & Sampling Report
Former Chevron Service Station #9-2960
2416 Grove Way
Castro Valley, 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).

A static groundwater level was measured in one well (C-8) and the well was 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 Groundwater Elevation Map is included as Figure 1.

A Groundwater sample was collected from the monitoring well and submitted to a state certified laboratory for analyses. The field data sheet for this event is attached. Analytical results are presented in the table(s) listed below. The chain of custody document and the laboratory analytical reports 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,

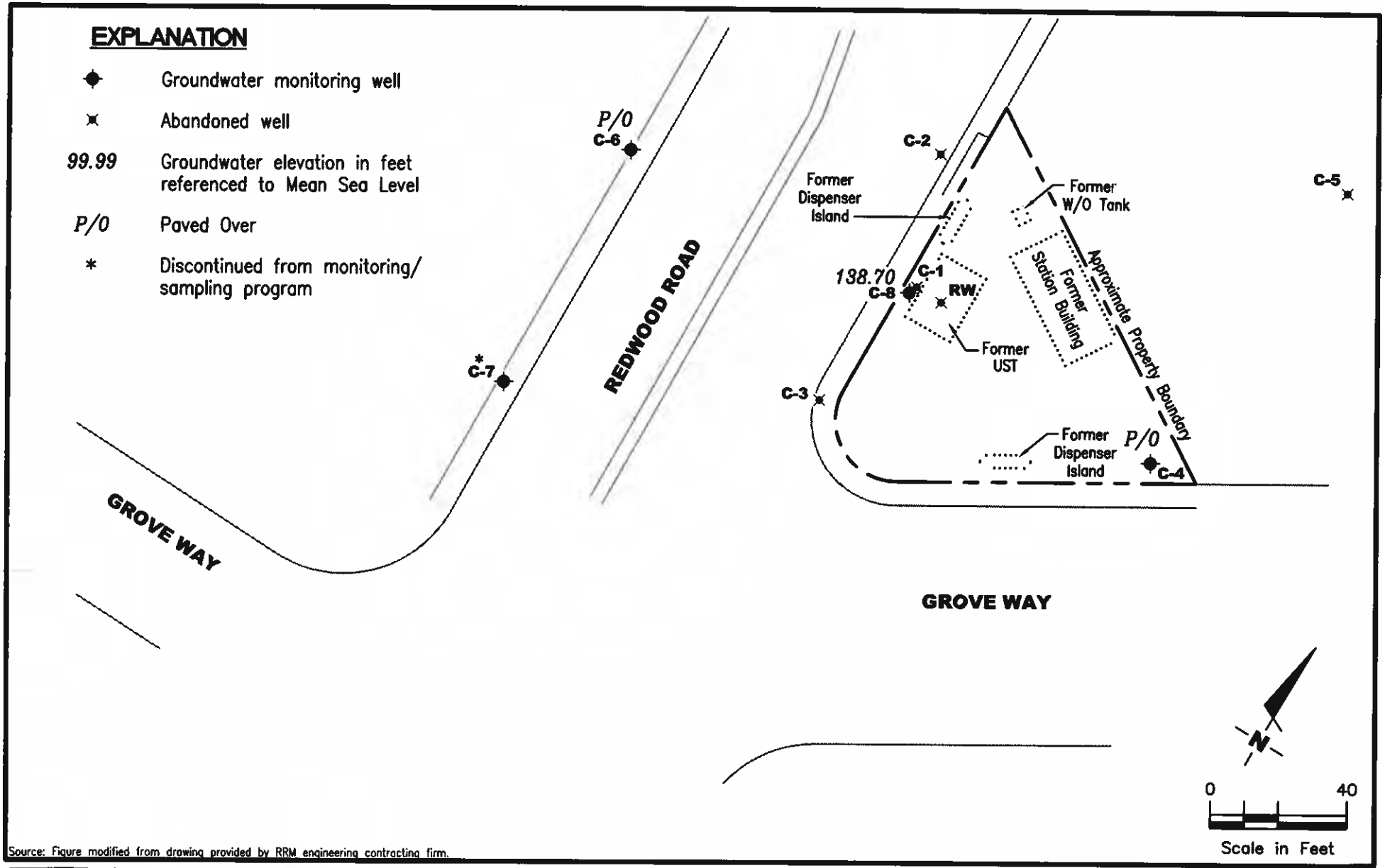
Deanna L. Harding
Project Coordinator

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

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

Figure 1: Groundwater Elevation 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

6747 Sierra Court, Suite J • **Dublin**, CA 94568 • (925) 551-7555 • Fax (925) 551-7888
3140 Gold Camp Drive, Suite 170 • **Rancho Cordova**, CA 95670 • (916) 631-1300 • Fax (916) 631-1317




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

**GROUNDWATER ELEVATION MAP**
Former Chevron Service Station #9-2960
2416 Grove Way
Castro Valley, California

FIGURE
1

| PROJECT NUMBER | REVIEWED BY | DATE | REVISED DATE |
|---|---|---|---|
| 386365 | | March 16, 2010 | |

FILE NAME: P:\Enviro\Chevron\9-2960\010-9-2960.DWG | Layout Tab: Pot1

# Table 1

## Groundwater Monitoring Data and Analytical Results

Former Chevron Service Station #9-2960

2416 Grove Way

Castro Valley, California

| WELL ID/ DATE | TOC* (ft.) | GWE (msl) | DTW (ft.) | SPHT (ft.) | SPH REMOVED (gallons) | TPH-GRO (ug/L) | B (ug/L) | T (ug/L) | E (ug/L) | X (ug/L) | MTBE (ug/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **C-8** | | | | | | | | | | | |
| 03/26/02[2] | 153.41 | 137.96 | 15.45 | 0.00 | 0.00 | 11,000 | 380 | 130 | 120 | 530 | <25/<2[1] |
| 06/17/02 | 153.41 | 137.03 | 16.38 | 0.00 | 0.00 | 11,000 | 490 | 65 | 170 | 470 | <20/<2[1] |
| 09/17/02 | 153.41 | 136.71 | 16.70 | 0.00 | 0.00 | 6,800 | 410 | 12 | 70 | 130 | 46/<2[1] |
| 12/02/02 | 153.41 | 136.61 | 16.80 | 0.00 | 0.00 | 7,200 | 440 | 14 | 75 | 140 | <20/<2[1] |
| 03/03/03 | 153.41 | 137.61 | 15.80 | 0.00 | 0.00 | 7,000 | 330 | 16 | 62 | 110 | <10/<0.5[1] |
| 06/16/03[3] | 153.41 | 137.52 | 15.89 | 0.00 | 0.00 | 7,400 | 400 | 17 | 71 | 120 | <0.5 |
| 09/15/03[4] | 153.41 | 136.87 | 16.54 | 0.00 | 0.00 | 2,500 | 200 | 5 | 56 | 16 | <0.5 |
| 12/15/03[4] | 153.41 | 137.07 | 16.34 | 0.00 | 0.00 | 5,900 | 320 | 18 | 51 | 140 | <0.5 |
| 03/01/04[4] | 153.41 | 138.55 | 14.86 | 0.00 | 0.00 | 7,800 | 250 | 14 | 61 | 55 | <0.5 |
| 06/28/04[4] | 153.41 | 137.05 | 16.36 | 0.00 | 0.00 | 5,700 | 280 | 11 | 46 | 53 | <0.5 |
| 09/13/04[4] | 153.41 | 136.39 | 17.02 | 0.00 | 0.00 | 2,200 | 180 | 5 | 33 | 8 | <0.5 |
| 12/22/04[4] | 153.41 | 137.29 | 16.12 | 0.00 | 0.00 | 1,700 | 170 | 4 | 15 | 5 | <0.5 |
| 03/04/05[4] | 153.41 | 138.63 | 14.78 | 0.00 | 0.00 | 5,400 | 180 | 8 | 43 | 30 | <0.5 |
| 06/30/05[4] | 153.41 | 137.97 | 15.44 | 0.00 | 0.00 | 3,900 | 160 | 6 | 16 | 19 | <0.5 |
| 09/16/05[4] | 153.41 | 137.21 | 16.20 | 0.00 | 0.00 | 3,500 | 160 | 6 | 10 | 18 | <0.5 |
| 12/21/05[4] | 153.41 | 137.31 | 16.10 | 0.00 | 0.00 | 2,300 | 110 | 4 | 10 | 18 | <0.5 |
| 03/21/06[4] | 153.41 | 139.03 | 14.38 | 0.00 | 0.00 | 6,200 | 130 | 6 | 32 | 36 | <0.5 |
| 06/21/06[4] | 153.41 | 138.17 | 15.24 | 0.00 | 0.00 | 6,100 | 100 | 11 | 38 | 120 | <0.5 |
| 09/05/06[4] | 153.41 | 137.25 | 16.16 | 0.00 | 0.00 | 5,400 | 130 | 11 | 29 | 96 | <0.5 |
| 12/28/06[4] | 153.41 | 137.60 | 15.81 | 0.00 | 0.00 | 2,600 | 110 | 4 | 12 | 12 | <0.5 |
| 03/26/07[4] | 153.41 | 137.74 | 15.67 | 0.00 | 0.00 | 2,700 | 91 | 3 | 13 | 5 | <0.5 |
| 06/26/07[4] | 153.41 | 137.19 | 16.22 | 0.00 | 0.00 | 3,900 | 71 | 4 | 8 | 15 | <0.5 |
| 09/26/07[4] | 153.41 | 136.85 | 16.56 | 0.00 | 0.00 | 3,600 | 83 | 4 | 18 | 31 | <0.5 |
| 12/20/07[4] | 153.41 | 137.38 | 16.03 | 0.00 | 0.00 | 2,600 | 69 | 4 | 15 | 26 | <0.5 |
| 02/29/08[4] | 153.41 | 138.63 | 14.78 | 0.00 | 0.00 | 2,400 | 52 | 3 | 16 | 9 | <0.5 |
| 05/09/08[4] | 153.41 | 137.86 | 15.55 | 0.00 | 0.00 | 2,300 | 40 | 3 | 6 | 5 | <0.5 |
| 09/19/08[4] | 153.41 | 136.85 | 16.56 | 0.00 | 0.00 | 1,300 | 43 | 1 | 3 | 5 | <0.5 |
| 12/04/08[4] | 153.41 | 137.04 | 16.37 | 0.00 | 0.00 | 1,700 | 34 | 2 | 4 | 8 | <0.5 |
| 03/05/09[4] | 153.41 | 138.40 | 15.01 | 0.00 | 0.00 | 1,200 | 14 | 0.7 | 2 | 1 | <0.5 |
| 06/23/09[4] | 153.41 | 137.50 | 15.91 | 0.00 | 0.00 | 1,300 | 14 | 0.6 | 1 | 1 | <0.5 |
| **03/16/10[4]** | **153.41** | **138.70** | **14.71** | **0.00** | **0.00** | **2,100** | **21** | **3** | **8** | **6** | **<0.5** |

# Table 1

## Groundwater Monitoring Data and Analytical Results

Former Chevron Service Station #9-2960

2416 Grove Way

Castro Valley, California

| WELL ID/ DATE | TOC* (ft.) | GWE (msl) | DTW (ft.) | SPHT (ft.) | SPH REMOVED (gallons) | TPH-GRO (ug/L) | B (ug/L) | T (ug/L) | E (ug/L) | X (ug/L) | MTBE (ug/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| C-1 | | | | | | | | | | | |
| 10/23/86 | 153.36 | -- | -- | -- | -- | 3,100 | 6,400 | 3,700 | -- | 4,300 | -- |
| 09/10/87 | 153.36 | -- | -- | -- | -- | 120,000 | 25,000 | 60,000 | 13,000 | 56,000 | -- |
| 10/03/90 | 153.36 | 134.69 | 18.67 | -- | -- | -- | -- | -- | -- | -- | -- |
| 10/25/90 | 153.36 | 135.22 | 18.71 | 0.71 | -- | -- | -- | -- | -- | -- | -- |
| 01/22/91 | 153.36 | 135.22 | 18.70 | 0.70 | -- | -- | -- | -- | -- | -- | -- |
| 02/21/91 | 153.36 | 135.44 | 18.62 | 0.88 | -- | -- | -- | -- | -- | -- | -- |
| 04/01/91 | 153.36 | 136.47 | 16.91 | 0.03 | -- | -- | -- | -- | -- | -- | -- |
| 04/11/91 | 153.36 | 136.49 | 16.90 | 0.04 | -- | -- | -- | -- | -- | -- | -- |
| 07/01/91 | 153.36 | 135.75 | 17.61 | 0.00 | -- | -- | -- | -- | -- | -- | -- |
| 09/24/91 | 153.36 | 135.17 | 18.98 | 0.99 | -- | -- | -- | -- | -- | -- | -- |
| 10/23/91 | 153.36 | 135.03 | 19.32 | 1.24 | -- | -- | -- | -- | -- | -- | -- |
| 11/22/91 | 153.36 | 134.53 | 18.83 | 0.97 | -- | -- | -- | -- | -- | -- | -- |
| 01/09/92 | 153.36 | 136.10 | 17.26 | -- | -- | -- | -- | -- | -- | -- | -- |
| 03/06/92 | 153.36 | 137.16 | 16.69 | 0.61 | -- | -- | -- | -- | -- | -- | -- |
| 06/04/92 | 153.36 | 136.44 | 17.10 | 0.22 | -- | -- | -- | -- | -- | -- | -- |
| 09/28/92 | 153.36 | -- | 18.71 | 0.77 | -- | -- | -- | -- | -- | -- | -- |
| 12/17/92 | 153.36 | -- | 17.54 | 0.45 | -- | -- | -- | -- | -- | -- | -- |
| 04/29/93 | 153.36 | 137.50 | 16.40 | 0.68 | -- | -- | -- | -- | -- | -- | -- |
| 07/26/93 | 153.36 | 136.92 | 16.85 | 0.51 | -- | -- | -- | -- | -- | -- | -- |
| 10/22/93 | 153.36 | 135.55 | 17.83 | 0.03 | -- | -- | -- | -- | -- | -- | -- |
| 01/24/94 | 153.36 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 04/11/94 | 153.36 | 136.01 | 17.76 | 0.51 | -- | -- | -- | -- | -- | -- | -- |
| 07/01/94 | 153.36 | 135.95 | 17.46 | 0.06 | -- | -- | -- | -- | -- | -- | -- |
| 10/06/94 | 153.36 | 135.24 | 18.18 | 0.08 | -- | -- | -- | -- | -- | -- | -- |
| 01/11/95 | 153.36 | 136.63 | 16.79 | 0.08 | 0.039 | -- | -- | -- | -- | -- | -- |
| 04/07/95 | 153.36 | 139.23 | 14.13 | -- | -- | 44,000 | 410 | 100 | 130 | 5,400 | -- |
| 07/20/95 | 153.36 | 136.84 | 16.52 | -- | -- | 16,000 | 96 | 81 | 53 | 1,000 | -- |
| 09/22/95 | 153.36 | 137.22 | 16.14 | -- | -- | 59,000 | 150 | 36 | 16 | 56 | -- |
| 04/26/96 | 153.36 | 137.31 | 16.05 | -- | -- | 7,200 | 1,300 | 340 | 130 | 390 | -- |
| 07/22/96 | 153.36 | 143.14 | 10.22 | -- | -- | 7,300 | 2,500 | 170 | 360 | 520 | -- |
| 10/17/96 | 153.36 | 137.64 | 15.72 | -- | -- | 19,000 | 3,400 | 59 | 360 | 430 | -- |
| 01/23/97 | 153.36 | 138.91 | 14.45 | -- | -- | 15,000 | 2,900 | 390 | 250 | 480 | -- |
| 07/10/97 | 153.36 | 137.19 | 16.17 | -- | -- | 13,000 | 2,100 | 69 | 200 | 380 | -- |

# Table 1

## Groundwater Monitoring Data and Analytical Results

Former Chevron Service Station #9-2960

2416 Grove Way

Castro Valley, California

| WELL ID/ DATE | TOC* (ft.) | GWE (msl) | DTW (ft.) | SPHT (ft.) | SPH REMOVED (gallons) | TPH-GRO (ug/L) | B (ug/L) | T (ug/L) | E (ug/L) | X (ug/L) | MTBE (ug/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **C-1 (cont)** | | | | | | | | | | | |
| 01/15/98 | 153.36 | INACCESSIBLE | | -- | -- | -- | -- | -- | -- | -- | -- |
| 01/16/98 | 153.36 | 138.63 | 14.73 | -- | -- | 4,700 | 1,200 | <20 | 140 | 40 | -- |
| 07/09/98 | 153.36 | 138.14 | 15.22 | -- | -- | 9,900 | 1,500 | 60 | 150 | 170 | -- |
| ABANDONED | | | | | | | | | | | |
| **C-2** | | | | | | | | | | | |
| 10/23/86 | 151.84 | -- | -- | -- | -- | 30,000 | 2,700 | 1,900 | -- | 1,500 | -- |
| 09/10/87 | 151.84 | -- | -- | -- | -- | 14,000 | 2,600 | 2,900 | 500 | 1,200 | -- |
| 10/16/89 | 151.84 | -- | -- | -- | -- | 600 | 260 | 34 | 1.7 | 41 | -- |
| 01/04/90 | 151.84 | -- | -- | -- | -- | 2,600 | 470 | 150 | 23 | 130 | -- |
| 04/05/90 | 151.84 | -- | -- | -- | -- | 500 | 280 | 29 | 6.3 | 19 | -- |
| 07/02/90 | 151.84 | -- | -- | -- | -- | 2,400 | 670 | 110 | 17 | 76 | -- |
| 10/03/90 | 151.84 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 10/25/90 | 151.84 | 135.24 | 16.60 | -- | -- | 1,300 | 390 | 47 | 9.0 | 58 | -- |
| 01/22/91 | 151.84 | 135.15 | 16.69 | -- | -- | 2,600 | 680 | 88 | 29 | 130 | -- |
| 02/21/91 | 151.84 | 135.53 | 16.31 | -- | -- | -- | -- | -- | -- | -- | -- |
| 04/01/91 | 151.84 | 136.76 | 15.08 | -- | -- | -- | -- | -- | -- | -- | -- |
| 09/24/91 | 151.84 | 135.33 | 16.51 | -- | -- | 3,600 | 1,400 | 63 | 6.9 | 63 | -- |
| 10/23/91 | 151.84 | 135.18 | 16.66 | -- | -- | -- | -- | -- | -- | -- | -- |
| 11/22/91 | 151.84 | 135.47 | 16.37 | -- | -- | -- | -- | -- | -- | -- | -- |
| 01/09/92 | 151.84 | 136.28 | 15.56 | -- | -- | 7,100 | 770 | 740 | 190 | 690 | -- |
| 03/06/92 | 151.84 | 137.47 | 14.37 | -- | -- | 3,200 | 250 | 230 | 59 | 220 | -- |
| 06/04/92 | 151.84 | 136.80 | 15.04 | -- | -- | 1,500 | <0.5 | 180 | 42 | 130 | -- |
| 09/28/92 | 151.84 | 135.44 | 16.40 | -- | -- | 6,400 | 940 | 230 | 57 | 220 | -- |
| 12/17/92 | 151.84 | 136.46 | 15.38 | -- | -- | 1,500 | 370 | 160 | 6.0 | 25 | -- |
| 04/29/93 | 151.84 | 136.87 | 14.97 | -- | -- | 1,800 | 690 | 120 | 74 | 140 | -- |
| 07/29/93 | 151.84 | 136.92 | 14.92 | -- | -- | 4,300 | 1,500 | 96 | 29 | 96 | -- |
| 10/22/93 | 151.84 | 136.03 | 15.81 | -- | -- | 820 | 560 | 57 | 15 | 58 | -- |
| 01/24/94 | 151.84 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 04/11/94 | 151.84 | 136.49 | 15.35 | -- | -- | 2,000 | 240 | 48 | 36 | 110 | -- |
| 07/01/94 | 151.84 | 136.44 | 15.40 | -- | -- | 370 | 55 | 12 | 3.1 | 8.6 | -- |
| 10/06/94 | 151.84 | 135.84 | 16.00 | -- | -- | 150 | 47 | 4.8 | 1.8 | 5.4 | -- |
| 01/11/95 | 151.84 | 137.06 | 14.78 | -- | -- | 52 | 0.65 | <0.5 | <0.5 | <0.5 | -- |
| 04/07/95 | 151.84 | 138.93 | 12.91 | -- | -- | 1,500 | 260 | 64 | 52 | 85 | -- |
| 07/20/95 | 151.84 | 136.81 | 15.03 | -- | -- | 3,000 | 500 | 100 | 96 | 110 | -- |
| 09/22/95 | 151.84 | 137.05 | 14.79 | -- | -- | 2,000 | 630 | 120 | 20 | 79 | -- |

# Table 1

## Groundwater Monitoring Data and Analytical Results

Former Chevron Service Station #9-2960

2416 Grove Way

Castro Valley, California

| WELL ID/ DATE | TOC* (ft.) | GWE (msl) | DTW (ft.) | SPHT (ft.) | SPH REMOVED (gallons) | TPH-GRO (ug/L) | B (ug/L) | T (ug/L) | E (ug/L) | X (ug/L) | MTBE (ug/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **C-2 (cont)** | | | | | | | | | | | |
| 01/02/96 | 151.84 | 137.37 | 14.47 | -- | -- | 1,900 | 240 | 110 | 58 | 180 | <12 |
| 04/26/96 | 151.84 | 137.97 | 13.87 | -- | -- | 1,300 | 340 | 190 | 44 | 120 | -- |
| 07/22/96 | 151.84 | 136.73 | 15.11 | -- | -- | 3,700 | 1,100 | 140 | 150 | 330 | -- |
| 10/17/96 | 151.84 | 136.80 | 15.04 | -- | -- | 22,000 | 3,900 | 1,600 | 350 | 1,800 | -- |
| 01/23/97 | 151.84 | 138.86 | 12.98 | -- | -- | 2,000 | 260 | 48 | 76 | 94 | -- |
| 07/10/97 | 151.84 | 137.21 | 14.63 | -- | -- | 5,100 | 710 | 200 | 190 | 380 | -- |
| 01/15/98 | 153.36 | INACCESSIBLE | | -- | -- | -- | -- | -- | -- | -- | -- |
| 01/16/98 | 151.84 | 138.61 | 13.23 | -- | -- | 7,600 | 1,600 | 130 | 320 | 650 | -- |
| 07/09/98 | 151.84 | 138.17 | 13.67 | -- | -- | 10,000 | 1,100 | 410 | 180 | 410 | -- |
| ABANDONED | | | | | | | | | | | |
| **C-3** | | | | | | | | | | | |
| 10/23/86 | 154.13 | -- | -- | -- | -- | 3,300 | 49 | 24 | -- | 20 | -- |
| 09/10/87 | 154.13 | -- | -- | -- | -- | 200 | 110 | 2.6 | <2.0 | <2.0 | -- |
| 10/16/89 | 154.13 | -- | -- | -- | -- | 900 | 640 | 4.2 | 1.6 | 16 | -- |
| 01/04/90 | 154.13 | -- | -- | -- | -- | 920 | 430 | 7.0 | 6.0 | 7.0 | -- |
| 04/05/90 | 154.13 | -- | -- | -- | -- | 930 | 690 | 3.4 | 5.1 | 4.8 | -- |
| 07/02/90 | 154.13 | -- | -- | -- | -- | 1,700 | 590 | 11 | 4.8 | 9.4 | -- |
| 10/03/90 | 154.13 | 134.97 | 19.16 | -- | -- | -- | -- | -- | -- | -- | -- |
| 10/25/90 | 154.13 | 134.85 | 19.28 | -- | -- | 750 | 510 | 2.0 | 6.0 | 5.0 | -- |
| 01/22/91 | 154.13 | 134.95 | 19.18 | -- | -- | 430 | 260 | 2.0 | 2.0 | 5.0 | -- |
| 01/22/91 | 154.13 | 134.95 | 19.18 | -- | -- | 400 | 250 | 2.0 | 2.0 | 5.0 | -- |
| 02/21/91 | 154.13 | 135.25 | 18.88 | -- | -- | -- | -- | -- | -- | -- | -- |
| 04/01/91 | 154.13 | 136.54 | 17.59 | -- | -- | -- | -- | -- | -- | -- | -- |
| 04/11/91 | 154.13 | 136.32 | 17.81 | -- | -- | -- | -- | -- | -- | -- | -- |
| 07/01/91 | 154.13 | 135.57 | 18.56 | -- | -- | -- | -- | -- | -- | -- | -- |
| 09/24/91 | 154.13 | 135.01 | 19.12 | -- | -- | 260 | 52 | 0.7 | 0.8 | 2.2 | -- |
| 10/23/91 | 154.13 | 134.89 | 19.24 | -- | -- | -- | -- | -- | -- | -- | -- |
| 11/22/91 | 154.13 | 135.10 | 19.03 | -- | -- | -- | -- | -- | -- | -- | -- |
| 01/09/92 | 154.13 | 135.90 | 18.23 | -- | -- | 240 | 120 | 0.9 | <0.5 | 1.6 | -- |
| 03/06/92 | 154.13 | 137.09 | 17.04 | -- | -- | 230 | 68 | 1.2 | 1.2 | 1.3 | -- |
| 06/04/92 | 154.13 | 136.34 | 17.79 | -- | -- | 80 | 36 | 0.6 | 0.5 | 0.7 | -- |
| 09/28/92 | 154.13 | 135.13 | 19.00 | -- | -- | 84 | 49 | <0.5 | <0.5 | 1.5 | -- |
| 12/17/92 | 154.13 | 135.95 | 18.18 | -- | -- | 220 | 30 | <0.5 | <0.5 | <0.5 | -- |
| 04/29/93 | 154.13 | 135.35 | 18.78 | -- | -- | 380 | 12 | 0.6 | <0.5 | <1.5 | -- |
| 07/26/93 | 154.13 | 136.41 | 17.72 | -- | -- | 800 | 38 | 1.1 | <0.5 | <1.5 | -- |

# Table 1

## Groundwater Monitoring Data and Analytical Results

Former Chevron Service Station #9-2960

2416 Grove Way

Castro Valley, California

| WELL ID/ DATE | TOC* (ft.) | GWE (msl) | DTW (ft.) | SPHT (ft.) | SPH REMOVED (gallons) | TPH-GRO (ug/L) | B (ug/L) | T (ug/L) | E (ug/L) | X (ug/L) | MTBE (ug/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **C-3 (cont)** | | | | | | | | | | | |
| 10/22/93 | 154.13 | 135.63 | 18.50 | -- | -- | 200 | 64 | 0.6 | <0.5 | <1.5 | -- |
| 01/24/94 | 154.13 | 135.62 | 18.51 | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 04/11/94 | 154.13 | 136.09 | 18.04 | -- | -- | 100 | 3.6 | 2.1 | <0.5 | 2.3 | -- |
| 07/01/94 | 154.13 | 136.01 | 18.12 | -- | -- | 140 | 3.7 | 1.2 | <0.5 | 1.0 | -- |
| 10/06/94 | 154.13 | 135.50 | 18.63 | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 01/11/95 | 154.13 | 137.01 | 17.12 | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 04/07/95 | 154.13 | 138.34 | 15.79 | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 07/20/95 | 154.13 | 136.37 | 17.76 | -- | -- | <50 | 1.5 | 1.9 | <0.5 | 3.5 | -- |
| 09/22/95 | 154.13 | 136.58 | 17.55 | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 01/02/96 | 154.13 | 136.88 | 17.25 | -- | -- | <50 | <0.5 | <0.5 | <0.5 | 1.1 | <2.5 |
| 04/26/96 | 154.13 | 137.42 | 16.71 | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 07/22/96 | 154.13 | 136.50 | 17.63 | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 10/17/96 | 154.13 | 136.33 | 17.80 | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 01/23/97 | 154.13 | 138.33 | 15.80 | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 07/10/97 | 154.13 | 136.63 | 17.50 | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 01/15/98 | 154.13 | 137.98 | 16.15 | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 01/16/98 | 154.13 | 138.04 | 16.09 | -- | -- | REGAUGE | -- | -- | -- | -- | -- |
| 07/09/98 | 154.13 | 137.57 | 16.56 | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| ABANDONED | | | | | | | | | | | |
| **C-4** | | | | | | | | | | | |
| 10/23/86 | 156.00 | -- | -- | -- | -- | 570 | 3.0 | 4.0 | -- | 5.0 | -- |
| 09/10/87 | 156.00 | -- | -- | -- | -- | 500 | 3.0 | <0.5 | <0.5 | <0.5 | -- |
| 10/16/89 | 156.00 | -- | -- | -- | -- | <500 | 12 | 1.0 | <0.5 | 0.8 | -- |
| 01/04/90 | 156.00 | -- | -- | -- | -- | <500 | 5.0 | <0.5 | <0.5 | 0.9 | -- |
| 04/05/90 | 156.00 | -- | -- | -- | -- | <50 | 6.6 | <0.5 | <0.5 | 0.7 | -- |
| 07/02/90 | 156.00 | -- | -- | -- | -- | 71 | 4.1 | <0.5 | <0.5 | <0.5 | -- |
| 10/03/90 | 156.00 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 10/25/90 | 156.00 | 135.57 | 20.43 | -- | -- | <50 | 2.0 | <0.5 | <0.5 | <0.5 | -- |
| 01/22/91 | 156.00 | 135.50 | 20.50 | -- | -- | <50 | 3.0 | <0.5 | <0.5 | <0.5 | -- |
| 02/21/91 | 156.00 | 135.77 | 20.23 | -- | -- | -- | -- | -- | -- | -- | -- |
| 04/01/91 | 156.00 | 136.97 | 19.03 | -- | -- | -- | -- | -- | -- | -- | -- |
| 04/11/91 | 156.00 | 136.95 | 19.05 | -- | -- | -- | -- | -- | -- | -- | -- |
| 07/01/91 | 156.00 | 136.10 | 19.90 | -- | -- | -- | -- | -- | -- | -- | -- |
| 09/24/91 | 156.00 | 135.59 | 20.41 | -- | -- | 87 | 1.6 | <0.5 | <0.5 | <0.5 | -- |
| 10/23/91 | 156.00 | 135.47 | 20.53 | -- | -- | -- | -- | -- | -- | -- | -- |

# Table 1

## Groundwater Monitoring Data and Analytical Results

Former Chevron Service Station #9-2960

2416 Grove Way

Castro Valley, California

| WELL ID/ DATE | TOC* (ft.) | GWE (msl) | DTW (ft.) | SPHT (ft.) | SPH REMOVED (gallons) | TPH-GRO (ug/L) | B (ug/L) | T (ug/L) | E (ug/L) | X (ug/L) | MTBE (ug/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **C-4 (cont)** | | | | | | | | | | | |
| 11/22/91 | 156.00 | 135.65 | 20.35 | -- | -- | -- | -- | -- | -- | -- | -- |
| 01/09/92 | 156.00 | 136.46 | 19.54 | -- | -- | 51 | 4.3 | <0.5 | <0.5 | <0.5 | -- |
| 01/09/92 | 156.00 | 136.46 | 19.54 | -- | -- | <50 | 4.8 | <0.5 | <0.5 | <0.5 | -- |
| 03/06/92 | 156.00 | 137.74 | 18.26 | -- | -- | <50 | 0.8 | <0.5 | <0.5 | <0.5 | -- |
| 06/04/92 | 156.00 | 137.08 | 18.92 | -- | -- | <50 | <0.5 | <0.5 | <0.5 | 0.7 | -- |
| 09/28/92 | 156.00 | 135.69 | 20.31 | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 12/17/92 | 156.00 | 136.43 | 19.57 | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 04/29/93 | 156.00 | 138.22 | 17.78 | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <1.5 | -- |
| 07/26/93 | 156.00 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 08/18/93 | 156.00 | 137.09 | 18.91 | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <1.5 | -- |
| 10/22/93 | 156.00 | 136.61 | 19.39 | -- | -- | <50 | 2.9 | 2.1 | 1.1 | 4.3 | -- |
| 01/24/94 | 156.00 | 136.58 | 19.42 | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 04/11/94 | 156.00 | 136.86 | 19.14 | -- | -- | <50 | <0.5 | 0.6 | <0.5 | 0.5 | -- |
| 07/01/94 | 156.00 | 136.80 | 19.20 | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 10/06/94 | 156.00 | 136.26 | 19.74 | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 01/11/95 | 156.00 | 139.70 | 16.30 | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 04/07/95 | 156.00 | 139.49 | 16.51 | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 07/20/95 | 156.00 | 137.20 | 18.80 | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 09/22/95 | 156.00 | 137.26 | 18.74 | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 01/02/96 | 156.00 | 137.65 | 18.35 | -- | -- | <50 | 1.6 | 1.8 | 0.95 | 4.1 | <2.5 |
| 04/26/96 | 156.00 | 138.43 | 17.57 | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 07/22/96 | 156.00 | 137.00 | 19.00 | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 10/17/96 | 156.00 | 136.96 | 19.04 | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 01/23/97 | 156.00 | 139.31 | 16.69 | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 07/10/97 | 156.00 | 137.46 | 18.54 | -- | -- | SAMPLED ANNUALLY | | -- | -- | -- | -- |
| 01/15/98 | 156.00 | 143.92 | 12.08 | -- | -- | <50 | 1.0 | 1.4 | <0.5 | 3.5 | -- |
| 01/16/98 | 156.00 | 138.84 | 17.16 | -- | -- | REGAUGE | | -- | -- | -- | -- |
| 07/09/98 | 156.00 | 138.29 | 17.71 | -- | -- | -- | -- | -- | -- | -- | -- |
| 01/08/99 | 156.00 | 139.19 | 16.81 | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 07/09/99 | 156.00 | UNABLE TO LOCATE | | -- | -- | -- | -- | -- | -- | -- | -- |
| 02/01/00 | 156.00 | UNABLE TO LOCATE | | -- | -- | -- | -- | -- | -- | -- | -- |
| 08/21/00 | 156.00 | UNABLE TO LOCATE - PAVED OVER | | | | -- | -- | -- | -- | -- | -- |
| 01/25/01 | 156.00 | UNABLE TO LOCATE - PAVED OVER | | | | -- | -- | -- | -- | -- | -- |
| 07/10/01 | 156.00 | UNABLE TO LOCATE - PAVED OVER | | | | -- | -- | -- | -- | -- | -- |

# Table 1

## Groundwater Monitoring Data and Analytical Results

Former Chevron Service Station #9-2960

2416 Grove Way

Castro Valley, California

| WELL ID/ DATE | TOC* (ft.) | GWE (msl) | DTW (ft.) | SPHT (ft) | SPH REMOVED (gallons) | TPH-GRO (ug/L) | B (ug/L) | T (ug/L) | E (ug/L) | X (ug/L) | MTBE (ug/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **C-4 (cont)** | | | | | | | | | | | |
| 01/08/02 | 156.00 | UNABLE TO LOCATE - PAVED OVER | | | | -- | -- | -- | -- | -- | -- |
| 03/26/02 | 156.00 | UNABLE TO LOCATE - PAVED OVER | | | | -- | -- | -- | -- | -- | -- |
| 06/17/02 | 156.00 | UNABLE TO LOCATE - PAVED OVER | | | | -- | -- | -- | -- | -- | -- |
| PAVED OVER | | | | | | | | | | | |
| **C-5** | | | | | | | | | | | |
| 10/03/90 | 153.38 | 135.60 | 17.78 | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 10/25/90 | 153.38 | 135.46 | 17.92 | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 11/09/90 | 153.38 | 135.46 | 17.92 | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 01/22/91 | 153.38 | 135.58 | 17.80 | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 02/21/91 | 153.38 | 135.87 | 17.51 | -- | -- | -- | -- | -- | -- | -- | -- |
| 04/01/91 | 153.38 | 137.07 | 16.31 | -- | -- | -- | -- | -- | -- | -- | -- |
| 04/11/91 | 153.38 | 137.02 | 16.36 | -- | -- | -- | -- | -- | -- | -- | -- |
| 07/01/91 | 153.38 | 136.26 | 17.12 | -- | -- | -- | -- | -- | -- | -- | -- |
| 09/24/91 | 153.38 | 135.68 | 17.70 | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 09/24/91 | 153.38 | 135.68 | 17.70 | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 10/23/91 | 153.38 | 135.56 | 17.82 | -- | -- | -- | -- | -- | -- | -- | -- |
| 11/22/91 | 153.38 | 135.77 | 17.61 | -- | -- | -- | -- | -- | -- | -- | -- |
| 01/09/92 | 153.38 | 136.34 | 17.04 | -- | -- | <50 | <0.5 | 0.7 | <0.5 | <0.5 | -- |
| 03/06/92 | 153.38 | 137.62 | 15.76 | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 06/04/92 | 153.38 | 136.98 | 16.40 | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 09/28/92 | 153.38 | 135.80 | 17.58 | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 12/17/92 | 153.38 | 136.56 | 16.82 | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 04/29/93 | 153.38 | 138.14 | 15.24 | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <1.5 | -- |
| 07/26/93 | 153.38 | 137.08 | 16.30 | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <1.5 | -- |
| 10/22/93 | 153.38 | 136.30 | 17.08 | -- | -- | 52 | 2.3 | 2.7 | 1.1 | 5.2 | -- |
| 01/24/94 | 153.38 | 136.25 | 17.13 | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 04/11/94 | 153.38 | 136.75 | 16.63 | -- | -- | <50 | <0.5 | 0.7 | <0.5 | 0.6 | -- |
| 07/01/94 | 153.38 | 136.73 | 16.65 | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 10/06/94 | 153.38 | 136.16 | 17.22 | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 01/11/95 | 153.38 | 137.41 | 15.97 | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 04/07/95 | 153.38 | 139.37 | 14.01 | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 07/20/95 | 153.38 | 137.17 | 16.21 | -- | -- | <50 | <0.5 | <0.5 | <0.5 | 0.61 | -- |
| 09/22/95 | 153.38 | 137.07 | 16.31 | -- | -- | 62 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 01/02/96 | 153.38 | 137.56 | 15.82 | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| 04/26/96 | 153.38 | 138.41 | 14.97 | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |

# Table 1

## Groundwater Monitoring Data and Analytical Results

Former Chevron Service Station #9-2960

2416 Grove Way

Castro Valley, California

| WELL ID/ DATE | TOC* (ft.) | GWE (msl) | DTW (ft.) | SPHT (ft.) | SPH REMOVED (gallons) | TPH-GRO (ug/L) | B (ug/L) | T (ug/L) | E (ug/L) | X (ug/L) | MTBE (ug/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **C-5 (cont)** | | | | | | | | | | | |
| 07/22/96 | 153.38 | 137.06 | 16.32 | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 10/17/96 | 153.38 | 136.88 | 16.50 | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 01/23/97 | 153.38 | 139.18 | 14.20 | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| ABANDONED | | | | | | | | | | | |
| **C-6** | | | | | | | | | | | |
| 10/03/90 | 152.84 | 134.70 | 18.14 | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 10/25/90 | 152.84 | 134.55 | 18.29 | -- | -- | <50 | <0.5 | 1.0 | <0.5 | <0.5 | -- |
| 11/09/90 | 152.84 | 134.58 | 18.26 | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 01/22/91 | 152.84 | 134.69 | 18.15 | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 02/21/91 | 152.84 | 134.92 | 17.92 | -- | -- | -- | -- | -- | -- | -- | -- |
| 04/01/91 | 152.84 | 135.73 | 17.11 | -- | -- | -- | -- | -- | -- | -- | -- |
| 04/11/91 | 152.84 | 135.83 | 17.01 | -- | -- | -- | -- | -- | -- | -- | -- |
| 07/01/91 | 152.84 | 135.12 | 17.72 | -- | -- | -- | -- | -- | -- | -- | -- |
| 09/24/91 | 152.84 | 135.72 | 17.12 | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 10/23/91 | 152.84 | 134.59 | 18.25 | -- | -- | -- | -- | -- | -- | -- | -- |
| 11/22/91 | 152.84 | 134.79 | 18.05 | -- | -- | -- | -- | -- | -- | -- | -- |
| 01/09/92 | 152.84 | 135.42 | 17.42 | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 03/06/92 | 152.84 | 136.33 | 16.51 | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 06/04/92 | 152.84 | 135.83 | 17.01 | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 09/28/92 | 152.84 | 134.84 | 18.00 | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 12/17/92 | 152.84 | 135.58 | 17.26 | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 04/29/93 | 152.84 | 136.61 | 16.23 | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <1.5 | -- |
| 07/29/93 | 152.84 | 135.88 | 16.96 | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <1.5 | -- |
| 10/22/93 | 152.84 | 135.38 | 17.46 | -- | -- | 74 | 7.4 | 6.1 | 3.3 | 9.7 | -- |
| 01/24/94 | 152.84 | 135.38 | 17.46 | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 04/11/94 | 152.84 | 135.64 | 17.20 | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 07/01/94 | 152.84 | 135.66 | 17.18 | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 10/06/94 | 152.84 | 135.19 | 17.65 | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 01/11/95 | 152.84 | 136.18 | 16.66 | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 04/07/95 | 152.84 | 137.25 | 15.59 | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 07/20/95 | 152.84 | 135.80 | 17.04 | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 09/22/95 | 152.84 | 135.74 | 17.10 | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 01/02/96 | 152.84 | 136.08 | 16.76 | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| 04/26/96 | 152.84 | 136.64 | 16.20 | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 07/22/96 | 152.84 | 135.79 | 17.05 | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |

# Table 1

## Groundwater Monitoring Data and Analytical Results

Former Chevron Service Station #9-2960

2416 Grove Way

Castro Valley, California

| WELL ID/ DATE | TOC* (ft.) | GWE (msl) | DTW (ft.) | SPHT (ft.) | SPH REMOVED (gallons) | TPH-GRO (ug/L) | B (ug/L) | T (ug/L) | E (ug/L) | X (ug/L) | MTBE (ug/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **C-6 (cont)** | | | | | | | | | | | |
| 10/17/96 | 152.84 | 135.62 | 17.22 | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 01/23/97 | 152.84 | 136.99 | 15.85 | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 07/10/97 | 152.84 | 135.95 | 16.89 | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 01/15/98 | 152.84 | 136.64 | 16.20 | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 01/16/98 | 152.84 | 136.74 | 16.10 | -- | -- | REGAUGE | -- | -- | -- | -- | -- |
| 07/09/98 | 152.84 | 136.71 | 16.13 | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 01/08/99 | 152.84 | 137.57 | 15.27 | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 07/09/99 | 152.84 | 136.60 | 16.24 | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <5.0 |
| 02/01/00 | 152.84 | 136.57 | 16.27 | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <5.0 |
| 08/21/00 | 152.84 | UNABLE TO LOCATE - PAVED OVER | | | | -- | -- | -- | -- | -- | -- |
| 01/25/01 | 152.84 | UNABLE TO LOCATE - PAVED OVER | | | | -- | -- | -- | -- | -- | -- |
| 07/10/01 | 152.84 | UNABLE TO LOCATE - PAVED OVER | | | | -- | -- | -- | -- | -- | -- |
| 01/08/02 | 152.84 | UNABLE TO LOCATE - PAVED OVER | | | | -- | -- | -- | -- | -- | -- |
| 03/26/02 | 152.84 | UNABLE TO LOCATE - PAVED OVER | | | | -- | -- | -- | -- | -- | -- |
| 06/17/02 | 152.84 | UNABLE TO LOCATE - PAVED OVER | | | | -- | -- | -- | -- | -- | -- |
| PAVED OVER | | | | | | | | | | | |
| **C-7** | | | | | | | | | | | |
| 10/03/90 | 155.34 | 134.52 | 20.82 | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 10/25/90 | 155.34 | 134.43 | 20.91 | -- | -- | <50 | <0.5 | 1.0 | <0.5 | <0.5 | -- |
| 11/09/90 | 155.34 | 134.40 | 20.94 | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 01/22/91 | 155.34 | 133.84 | 21.50 | -- | -- | <50 | 4.0 | <0.5 | <0.5 | <0.5 | -- |
| 02/21/91 | 155.34 | 134.63 | 20.71 | -- | -- | -- | -- | -- | -- | -- | -- |
| 04/01/91 | 155.34 | 135.34 | 20.00 | -- | -- | -- | -- | -- | -- | -- | -- |
| 04/11/91 | 155.34 | 135.29 | 20.05 | -- | -- | -- | -- | -- | -- | -- | -- |
| 07/01/91 | 155.34 | 134.82 | 20.52 | -- | -- | -- | -- | -- | -- | -- | -- |
| 09/24/91 | 155.34 | 134.52 | 20.82 | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 10/23/91 | 155.34 | 134.43 | 20.91 | -- | -- | -- | -- | -- | -- | -- | -- |
| 11/22/91 | 155.34 | 134.55 | 20.79 | -- | -- | -- | -- | -- | -- | -- | -- |
| 01/09/92 | 155.34 | 135.18 | 20.16 | -- | -- | <50 | <0.5 | <0.5 | <0.5 | 0.9 | -- |
| 03/06/92 | 155.34 | 135.92 | 19.42 | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 06/04/92 | 155.34 | 135.53 | 19.81 | -- | -- | 250 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 09/28/92 | 155.34 | 134.69 | 20.65 | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 12/17/92 | 155.34 | 135.32 | 20.02 | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 04/29/93 | 155.34 | 136.19 | 19.15 | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <1.5 | -- |
| 07/26/93 | 155.34 | 135.57 | 19.77 | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <1.5 | -- |

# Table 1

## Groundwater Monitoring Data and Analytical Results

Former Chevron Service Station #9-2960

2416 Grove Way

Castro Valley, California

| WELL ID/ DATE | TOC* (ft.) | GWE (msl) | DTW (ft.) | SPHT (ft.) | SPH REMOVED (gallons) | TPH-GRO (ug/L) | B (ug/L) | T (ug/L) | E (ug/L) | X (ug/L) | MTBE (ug/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **C-7 (cont)** | | | | | | | | | | | |
| 10/22/93 | 155.34 | 135.17 | 20.17 | -- | -- | -- | -- | -- | -- | -- | -- |
| 01/24/94 | 155.34 | 135.11 | 20.23 | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 04/11/94 | 155.34 | 135.39 | 19.95 | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 07/01/94 | 155.34 | 135.42 | 19.92 | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 10/06/94 | 155.34 | 135.03 | 20.31 | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 01/11/95 | 155.34 | 135.98 | 19.36 | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 04/07/95 | 155.34 | 136.84 | 18.50 | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 07/20/95 | 155.34 | 135.46 | 19.88 | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 09/22/95 | 155.34 | 135.38 | 19.96 | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 01/02/96 | 155.34 | 135.64 | 19.70 | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| 04/26/96 | 155.34 | 136.17 | 19.17 | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 07/22/96 | 155.34 | 135.49 | 19.85 | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 10/17/96 | 155.34 | 135.34 | 20.00 | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 01/23/97 | 155.34 | 136.44 | 18.90 | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 07/10/97 | 155.34 | 135.58 | 19.76 | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 01/15/98 | 155.34 | 136.02 | 19.32 | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 01/16/98 | 155.34 | 136.14 | 19.20 | -- | -- | REGAUGE | -- | -- | -- | -- | -- |
| 07/09/98 | 155.34 | 136.02 | 19.32 | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 01/08/99 | 155.34 | 136.83 | 18.51 | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 07/09/99 | 155.34 | 136.16 | 19.18 | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <5.0 |
| 02/01/00 | 155.34 | 136.21 | 19.13 | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <5.0 |
| 08/21/00 | 155.34 | 136.16 | 19.18 | 0.00 | 0.00 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <2.5 |
| 01/25/01 | 155.34 | 136.09 | 19.25 | 0.00 | 0.00 | <50.0 | <0.500 | <0.500 | <0.500 | <0.500 | <2.50 |
| 07/10/01 | 155.34 | 136.17 | 19.17 | 0.00 | 0.00 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <2.5/<2.0[1] |
| 01/08/02 | 155.34 | 136.31 | 19.03 | 0.00 | 0.00 | <50 | <0.50 | <0.50 | <0.50 | <1.5 | <2.5 |
| 03/26/02 | 155.08 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 02/29/08[4] | 155.34 | 136.77 | 18.57 | 0.00 | 0.00 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| DISCONTINUED MONITORING / SAMPLING | | | | | | | | | | | |
| **TRIP BLANK** | | | | | | | | | | | |
| 04/26/96 | -- | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 07/22/96 | -- | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 10/17/96 | -- | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 01/23/97 | -- | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 07/10/97 | -- | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 01/15/98 | -- | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |

# Table 1

## Groundwater Monitoring Data and Analytical Results

Former Chevron Service Station #9-2960

2416 Grove Way

Castro Valley, California

| WELL ID/ DATE | TOC* (ft.) | GWE (msl) | DTW (ft.) | SPHT (ft.) | SPH REMOVED (gallons) | TPH-GRO (ug/L) | B (ug/L) | T (ug/L) | E (ug/L) | X (ug/L) | MTBE (ug/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **TRIP BLANK (cont)** | | | | | | | | | | | |
| 07/09/98 | -- | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 01/08/99 | -- | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 02/01/00 | -- | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <5.0 |
| 08/21/00 | -- | -- | -- | -- | -- | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <2.5 |
| 01/25/01 | -- | -- | -- | -- | -- | <50.0 | <0.500 | <0.500 | <0.500 | <0.500 | <2.50 |
| 07/10/01 | -- | -- | -- | -- | -- | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <2.5 |
| **QA** | | | | | | | | | | | |
| 01/08/02 | -- | -- | -- | -- | -- | <50 | <0.50 | <0.50 | <0.50 | <1.5 | <2.5 |
| 03/26/02 | -- | -- | -- | -- | -- | <50 | <0.50 | <0.50 | <0.50 | <1.5 | <2.5 |
| 06/17/02 | -- | -- | -- | -- | -- | <50 | <0.50 | <0.50 | <0.50 | <1.5 | <2.5 |
| 09/17/02 | -- | -- | -- | -- | -- | <50 | <0.50 | <0.50 | <0.50 | <1.5 | <2.5 |
| 12/02/02 | -- | -- | -- | -- | -- | <50 | <0.50 | <0.50 | <0.50 | <1.5 | <2.5 |
| 03/03/03 | -- | -- | -- | -- | -- | <50 | <0.50 | <0.50 | <0.50 | <1.5 | <2.5 |
| 06/16/03 | -- | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| 09/15/03[4] | -- | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| 12/15/03[4] | -- | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| 03/01/04[4] | -- | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| 06/28/04[4] | -- | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| 09/13/04[4] | -- | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| 12/22/04[4] | -- | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| 03/04/05[4] | -- | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| 06/30/05[4] | -- | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| 09/16/05[4] | -- | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| 12/21/05[4] | -- | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| 03/21/06[4] | -- | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| 06/21/06[4] | -- | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| 09/05/06[4] | -- | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| 12/28/06[4] | -- | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| 03/26/07[4] | -- | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| 06/26/07[4] | -- | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| 09/26/07[4] | -- | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| 12/20/07[4] | -- | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| 02/29/08[4] | -- | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| 05/19/08[4] | -- | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| 09/19/08[4] | -- | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |

# Table 1

## Groundwater Monitoring Data and Analytical Results

Former Chevron Service Station #9-2960

2416 Grove Way

Castro Valley, California

| WELL ID/ DATE | TOC* (ft.) | GWE (msl) | DTW (ft.) | SPHT (ft.) | SPH REMOVED (gallons) | TPH-GRO (ug/L) | B (ug/L) | T (ug/L) | E (ug/L) | X (ug/L) | MTBE (ug/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **QA (cont)** | | | | | | | | | | | |
| 12/04/08[4] | -- | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| 03/05/09[4] | -- | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| 06/23/09[4] | -- | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| **DISCONTINUED** | | | | | | | | | | | |

# Table 1

## Groundwater Monitoring Data and Analytical Results

Former Chevron Service Station #9-2960

2416 Grove Way

Castro Valley, California

**EXPLANATIONS:**

Groundwater monitoring data and laboratory analytical results prior to August 21, 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 Hydrocarbons Thickness
TPH-G = Total Petroleum Hydrocarbons as Gasoline
TPH = Total Petroleum Hydrocarbons
GRO = Gasoline Range Organics
B = Benzene
T = Toluene
E = Ethylbenzene
X = Xylenes
MTBE = Methyl Tertiary Butyl Ether
-- = Not Measured/Not Analyzed
QA = Quality Assurance/Trip Blank
(µg/L) = Micrograms per liter

* TOC elevations were surveyed in April 2002, by Morrow Surveying. Elevations are based on Alameda County Benchmark No. 259, brass disc top of concrete guard rail & retaining wall abutment along east side "A" Street and on CL + N. 5th Street extended, (Elevation = 138.79 feet).

1 MTBE by EPA Method 8260.

2 Well development performed.

3 TPH-G, BTEX and MTBE by EPA Method 8260.

4 BTEX and MTBE by EPA Method 8260.

# Table 2

## Groundwater Analytical Results - Oxygenate Compounds

Former Chevron Service Station #9-2960

2416 Grove Way

Castro Valley, California

| WELL ID | DATE | TBA (ug/L) | MTBE (ug/L) | DIPE (ug/L) | ETBE (ug/L) | TAME (ug/L) |
|---|---|---|---|---|---|---|
| C-8 | 03/26/02 | <100 | <2 | <2 | <2 | <2 |
| | 06/17/02 | <100 | <2 | <2 | <2 | <2 |
| | 09/17/02 | <100 | <2 | <2 | <2 | <2 |
| | 12/02/02 | <100 | <2 | <2 | <2 | <2 |
| | 03/03/03 | <5 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 06/16/03 | <5 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 09/15/03 | 5 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 12/15/03 | <5 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 03/01/04 | <5 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 06/28/04 | <5 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 09/13/04 | <5 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 12/22/04 | <5 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 03/04/05 | <5 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 06/30/05 | <5 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 09/16/05 | <5 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 12/21/05 | <5 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 03/21/06 | <5 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 06/21/06 | <5 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 09/05/06 | <5 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 12/28/06 | <2 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 03/26/07 | <2 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 06/26/07 | <2 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 09/26/07 | <2 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 12/20/07 | <2 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 02/29/08 | <2 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 05/09/08 | <2 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 09/19/08 | <2 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 12/04/08 | <2 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 03/05/09 | 2 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 06/23/09 | <2 | <0.5 | <0.5 | <0.5 | <0.5 |
| | **03/16/10** | **<2** | **<0.5** | **<0.5** | **<0.5** | **<0.5** |

# Table 2

**Groundwater Analytical Results - Oxygenate Compounds**

Former Chevron Service Station #9-2960

2416 Grove Way

Castro Valley, California

| WELL ID | DATE | TBA (ug/L) | MTBE (ug/L) | DIPE (ug/L) | ETBE (ug/L) | TAME (ug/L) |
|---|---|---|---|---|---|---|
| C-7 | 07/10/01 | <20 | <2.0 | <2.0 | <2.0 | <2.0 |
| | 02/29/08 | <2 | <0.5 | <0.5 | <0.5 | <0.5 |
| | DISCONTINUED MONITORING / SAMPLING | | | | | |

# Table 2

**Groundwater Analytical Results - Oxygenate Compounds**

Former Chevron Service Station #9-2960

2416 Grove Way

Castro Valley, 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
(µg/L) = Micrograms per liter

**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 #9-2960 Job Number: 386365
Site Address: 2416 Grove Way Event Date: 3/16/10 (inclusive)
City: Castro Valley, CA Sampler: JH

Well ID C-8 Date Monitored: 3/16/10
Well Diameter 2 in.
Total Depth 24.55 ft.
Depth to Water 14.71 ft.

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

☐ Check if water column is less then 0.50 ft.

9.84 xVF .17 = 1.67 x3 case volume = Estimated Purge Volume: 5.01 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 16.67

| Purge Equipment: | | Sampling Equipment: | |
|---|---|---|---|
| Disposable Bailer | X | Disposable Bailer | X |
| 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): 0930 Weather Conditions: Clear
Sample Time/Date: 1010 / 3/16/10 Water Color: cloudy Odor: (Y) N strong
Approx. Flow Rate: — gpm. Sediment Description: 1.5 FT
Did well de-water? No If yes, Time: Volume: gal. DTW @ Sampling: 16.31

| Time (2400 hr.) | Volume (gal.) | pH | Conductivity (µmhos/cm (µS)) | Temperature (C / F) | D.O. (mg/L) | ORP (mV) |
|---|---|---|---|---|---|---|
| 0934 | 1.5 | 7.42 | 1131 | 17.2 | | |
| 0939 | 3.0 | 7.29 | 1180 | 17.6 | | |
| 0945 | 5.0 | 7.15 | 1217 | 16.9 | | |
| | | | | | | |

### LABORATORY INFORMATION

| SAMPLE ID | (#) CONTAINER | REFRIG. | PRESERV. TYPE | LABORATORY | ANALYSES |
|---|---|---|---|---|---|
| C-8 | 6 x voa vial | YES | HCL | LANCASTER | TPH-G(8015)/BTEX+MTBE(8260)/ 5 OXYS (8260) |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

COMMENTS:

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

# Chevron California Region Analysis Request/Chain of Custody

Lancaster Laboratories

03 17 10-08

For Lancaster Laboratories use only
Acct. #: 12099 Sample # 5930808 Group #: 017778
1186589

CRA MTI Project #: 61H-1964

Facility #: SS#9-2960 G-R#386365 Global ID#T0600100318
Site Address: 2416 GROVE WAY, CASTRO VALLEY, 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: J. Hogan

| Sample Identification | Date Collected | Time Collected | Grab | Composite | Matrix: Soil | Matrix: Water | Matrix: Oil | Matrix: Air | Total Number of Containers | BTEX + MTBE 8260 | TPH 8015 MOD GRO | TPH 8015 MOD DRO | Silica Gel Cleanup | 8260 full scan | Oxygenates | Total Lead Method | Dissolved Lead Method |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C-8 | 3/16/10 | 1010 | X | | | X | | | 6 | X | X | | | | X | | |

Analyses Requested
Preservation Codes: H H H

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

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 |
|---|---|---|---|---|---|
| | 3/17/10 | 1430 | A. Salazar 17MAR10 | 17MAR10 | 1430 |
| A. Salazar 17MAR10 | 17MAR10 | 1630 | FEDEX | | |
| | | | | | |
| Relinquished by Commercial Carrier: UPS FedEx Other | | | | | |
| Temperature Upon Receipt 1.2.2 C° | | | Custody Seals Intact? Yes No | | |

Lancaster Laboratories, Inc., 2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 (717) 656-2300
Copies: White and yellow should accompany samples to Lancaster Laboratories. The pink copy should be retained by the client.

4804.01 (north) Rev. 10/12/06

Lancaster Laboratories

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

# Analysis Report



ANALYTICAL RESULTS

Prepared 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: 92960

Samples arrived at the laboratory on Thursday, March 18, 2010. The PO# for this group is 92960 and the release number is MTI. The group number for this submittal is 1186589.

| Client Sample Description | Lancaster Labs (LLI) # |
|---|---|
| C-8-W-100316 Grab Water | 5930808 |

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,

Christine Dulaney
Senior Specialist

Lancaster Laboratories

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# Analysis Report



**Sample Description:** C-8-W-100316 Grab Water
Facility# 92960 Job# 386365 MTI# 61H-1964 GRD
2416 Grove-Castro Valley T0600100318 C-8

LLI Sample # WW 5930808
LLI Group # 1186589
CA

**Project Name:** 92960

Collected: 03/16/2010 10:10 by JH

Account Number: 12099

Submitted: 03/18/2010 08:45
Reported: 03/26/2010 at 10:02
Discard: 04/26/2010

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

29608

| 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 | 21 | 0.5 | 1 |
| 10943 | t-Butyl alcohol | 75-65-0 | N.D. | 2 | 1 |
| 10943 | Ethyl t-butyl ether | 637-92-3 | N.D. | 0.5 | 1 |
| 10943 | Ethylbenzene | 100-41-4 | 8 | 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 | 3 | 0.5 | 1 |
| 10943 | Xylene (Total) | 1330-20-7 | 6 | 0.5 | 1 |
| **GC Volatiles** | **SW-846 8015B** | | **ug/l** | **ug/l** | |
| 01728 | TPH-GRO N. CA water C6-C12 | n.a. | 2,100 | 250 | 5 |

## General Sample Comments

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

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

## Laboratory Sample Analysis Record

| CAT No. | Analysis Name | Method | Trial# | Batch# | Analysis Date and Time | Analyst | Dilution Factor |
|---|---|---|---|---|---|---|---|
| 01163 | GC/MS VOA Water Prep | SW-846 5030B | 1 | Z100813AA | 03/23/2010 05:12 | Florida A Cimino | 1 |
| 10943 | BTEX + 5 Oxygenates 8260 Water | SW-846 8260B | 1 | Z100813AA | 03/23/2010 05:12 | Florida A Cimino | 1 |
| 01146 | GC VOA Water Prep | SW-846 5030B | 1 | 10082A07A | 03/23/2010 22:17 | Elizabeth J Marin | 5 |
| 01728 | TPH-GRO N. CA water C6-C12 | SW-846 8015B | 1 | 10082A07A | 03/23/2010 22:17 | Elizabeth J Marin | 5 |

Lancaster Laboratories

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# Analysis Report



## Quality Control Summary

Client Name: Chevron c/o CRA
Reported: 03/26/10 at 10:02 AM

Group Number: 1186589

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: Z100813AA | Sample number(s): 5930808 | | | | | | | |
| t-Amyl methyl ether | N.D. | 0.5 | ug/l | 89 | | 77-120 | | |
| Benzene | N.D. | 0.5 | ug/l | 97 | | 79-120 | | |
| t-Butyl alcohol | N.D. | 2. | ug/l | 89 | | 73-120 | | |
| Ethyl t-butyl ether | N.D. | 0.5 | ug/l | 93 | | 76-120 | | |
| Ethylbenzene | N.D. | 0.5 | ug/l | 97 | | 79-120 | | |
| di-Isopropyl ether | N.D. | 0.5 | ug/l | 99 | | 71-124 | | |
| Methyl Tertiary Butyl Ether | N.D. | 0.5 | ug/l | 100 | | 76-120 | | |
| Toluene | N.D. | 0.5 | ug/l | 98 | | 79-120 | | |
| Xylene (Total) | N.D. | 0.5 | ug/l | 101 | | 80-120 | | |
| Batch number: 10082A07A | Sample number(s): 5930808 | | | | | | | |
| TPH-GRO N. CA water C6-C12 | N.D. | 50. | ug/l | 118 | 118 | 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: Z100813AA | Sample number(s): 5930808 UNSPK: P930803 | | | | | | | | |
| t-Amyl methyl ether | 92 | 93 | 75-122 | 1 | 30 | | | | |
| Benzene | 102 | 103 | 80-126 | 0 | 30 | | | | |
| t-Butyl alcohol | 89 | 90 | 67-119 | 1 | 30 | | | | |
| Ethyl t-butyl ether | 93 | 94 | 74-122 | 1 | 30 | | | | |
| Ethylbenzene | 106 | 106 | 71-134 | 0 | 30 | | | | |
| di-Isopropyl ether | 101 | 101 | 70-129 | 1 | 30 | | | | |
| Methyl Tertiary Butyl Ether | 96 | 97 | 72-126 | 1 | 30 | | | | |
| Toluene | 108 | 106 | 80-125 | 1 | 30 | | | | |
| Xylene (Total) | 108 | 107 | 79-125 | 1 | 30 | | | | |
| Batch number: 10082A07A | Sample number(s): 5930808 UNSPK: P930800 | | | | | | | | |
| TPH-GRO N. CA water C6-C12 | 127 | | 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

*- 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 10:02 AM

Group Number: 1186589

### Surrogate Quality Control

Batch number: Z100813AA

| | Dibromofluoromethane | 1,2-Dichloroethane-d4 | Toluene-d8 | 4-Bromofluorobenzene |
|---|---|---|---|---|
| 5930808 | 96 | 94 | 105 | 104 |
| Blank | 96 | 95 | 102 | 95 |
| LCS | 98 | 97 | 99 | 95 |
| MS | 96 | 95 | 101 | 99 |
| MSD | 96 | 96 | 101 | 96 |
| Limits: | 80-116 | 77-113 | 80-113 | 78-113 |

Analysis Name: TPH-GRO N. CA water C6-C12
Batch number: 10082A07A

| | Trifluorotoluene-F |
|---|---|
| 5930808 | 123 |
| Blank | 105 |
| LCS | 116 |
| LCSD | 116 |
| MS | 116 |
| 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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