**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 6, 2009
(date)

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

Re: Chevron Facility #_9-5542_____

Address: 7007 San Ramon Road, Dublin, California_____

I have reviewed the attached report titled *First Semi-Annual 2009 Groundwater Monitoring Report*_____ and dated May 6, 2009.

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

2000 Opportunity Dr, Suite 110, Roseville, California 95678
Telephone: 916-751-4100 Facsimile: 916-751-4199
www.CRAworld.com

May 6, 2009

Reference No. 611969

Mr. Steven Plunkett
Alameda County Environmental Health
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

Re: First Semi-Annual 2009 Groundwater Monitoring Report
Chevron Service Station 9-5542
7007 San Ramon Road
Dublin, California
LOP Case #RO0000206

Dear Mr. Plunkett:

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 14, 2009) presents the results of the first semi-annual 2009 monitoring event. Wells MW-1, MW-4, and MW-11 are sampled 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 2009 analytical results along with a rose diagram.

In our October 31, 2008 *Second Semi-Annual 2008 Groundwater Monitoring Report*, we recommended the groundwater samples no longer be analyzed for ethanol, as it has never been detected. However, a response regarding the proposed sampling reduction was not received from ACEH. Please note that if we do not receive a response from ACEH, CRA will assume consent and will discontinue ethanol analysis beginning with the next scheduled event (second semi-annual 2009).

CONESTOGA-ROVERS
& ASSOCIATES

May 6, 2009 Reference No. 611969



Please contact Mr. James Kiernan at (916) 751-4102 if you have any questions or require additional information.

Sincerely,

CONESTOGA-ROVERS & ASSOCIATES

Kelly M. Rider

James P. Kiernan, PE #C68498

REGISTERED PROFESSIONAL ENGINEER
JAMES P. KIERNAN
No. 68498
Exp. 9/30/09
CIVIL
STATE OF CALIFORNIA

KR/kw/3
Encl.

| | |
|---|---|
| Figure 1 | Vicinity Map |
| Figure 2 | Concentration Map – March 18, 2009 |
| Attachment A | Groundwater Monitoring and Sampling Report |

cc: Ms. Stacie Frerichs, Chevron Environmental Management Company
Ms Mary Diamond, See's Candy Shops, Inc.

FIGURES

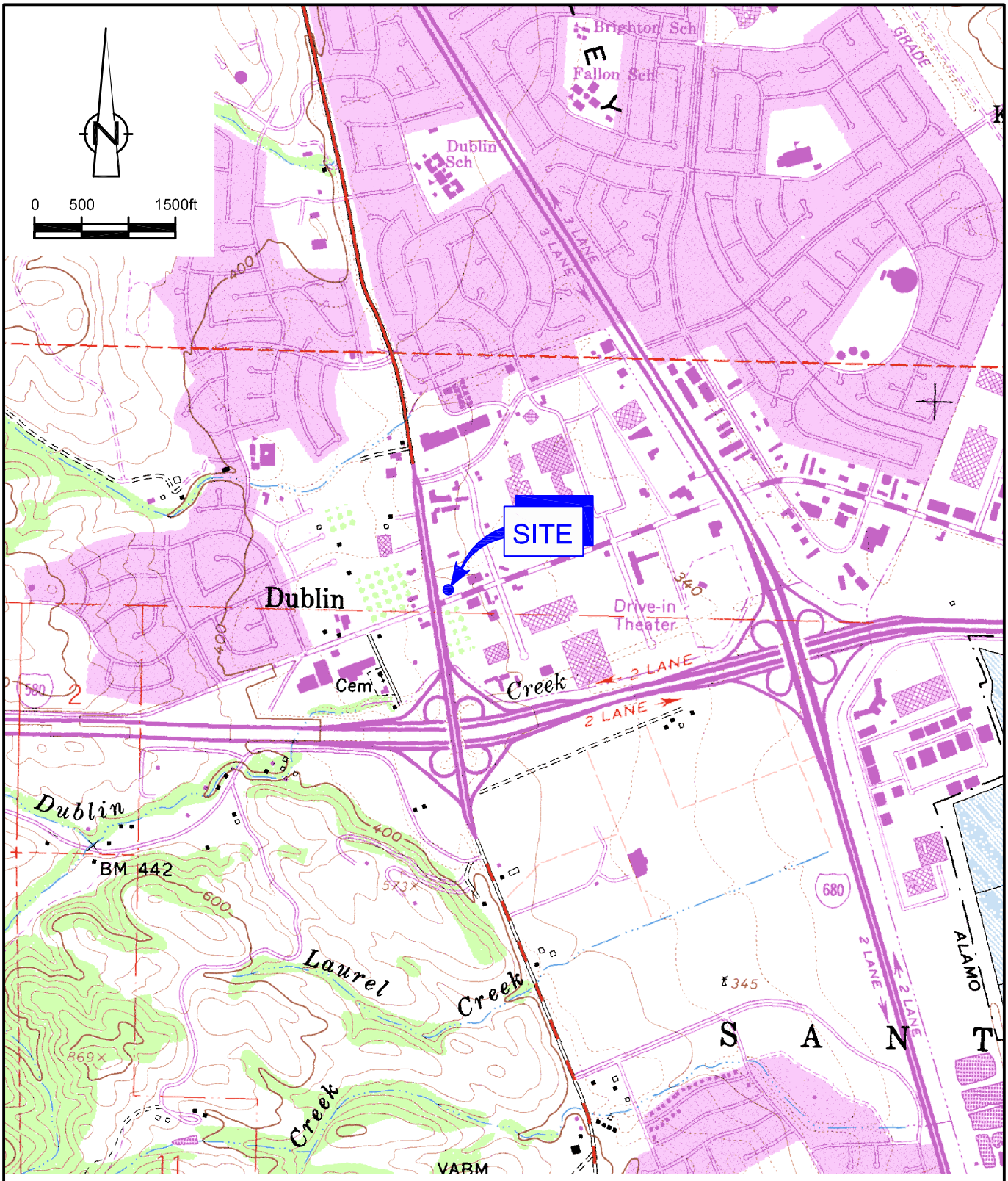


figure 1

VICINITY MAP
CHEVRON SERVICE STATION 9-5542
7007 SAN RAMON ROAD
*Dublin, California*

SOURCE: TOPO! MAPS

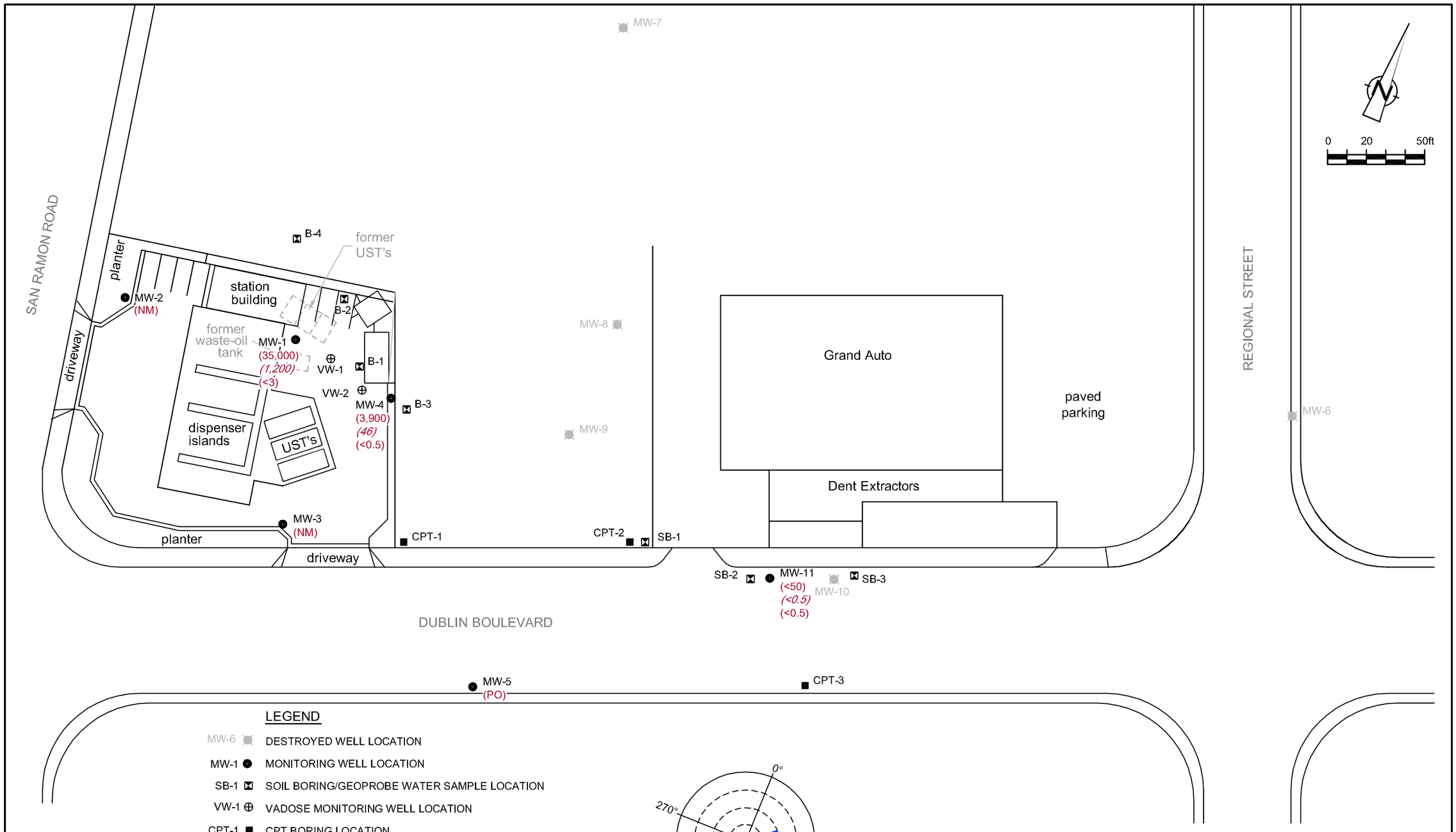


figure 2

CONCENTRATION MAP - MARCH 18, 2009
CHEVRON SERVICE STATION 9-5542
7007 SAN RAMON ROAD
*Dublin, California*

611969-119(003)GN-WA001 MAY 06/2009

ATTACHMENT A

GROUNDWATER MONITORING AND SAMPLING REPORT

# GETTLER-RYAN INC.

## TRANSMITTAL

April 20, 2009
G-R #385290

TO: Mr. James Kiernan
Conestoga-Rovers & Associates
2000 Opportunity Drive, Suite 110
Roseville, California 95678

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

**RE: Chevron Service Station**
**#9-5542 (MTI)**
**7007 San Ramon Road**
**Dublin, California**

WE HAVE ENCLOSED THE FOLLOWING:

| COPIES | DATED | DESCRIPTION |
|---|---|---|
| 2 | April 14, 2009 | Groundwater Monitoring and Sampling Report **First Semi-Annual Event of March 18, 2009** |

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

Please provide any comments/changes and propose any groundwater monitoring modifications for the next event prior to ***May 4, 2009,*** at which time this final report will be distributed to the following:

cc: Ms. Mary Diamond, Sees Candy Shops, Inc., 3423 South La Cienega Blvd., Los Angeles, CA 90016
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/9-5542-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 20, 2009
(date)

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

Re: Chevron Facility #9-5542

Address: 7007 San Ramon ROad, Dublin, California

I have reviewed the attached routine groundwater monitoring report dated April 20, 2009.

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,

SHFrerichs

Stacie H. Frerichs
Project Manager

Enclosure: Report

# WELL CONDITION STATUS SHEET

Client/Facility #: Chevron #9-5542
Site Address: 7007 San Ramon Valley Rd
City: Dublin, CA

Job # 385290
Event Date: 3/18/09
Sampler: KE

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| mw-1 | OK | OK | OK | OK | OK | OK | OK | N | N | BoartLongyear/8/3 | |
| mw-4 | ↓ | ↓ | ↓ | 2(S) | ↓ | ↓ | ↓ | ↓ | ↓ | morrisson/8/2 | |
| mw-11 | ↓ | M | ↓ | OK | ↓ | ↓ | ↓ | Y | Y | Emco/8/2 | |
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Comments

# GETTLER-RYAN INC.

April 14, 2009
G-R Job #385290

Ms. Stacie Hartung-Frerichs
Chevron Environmental Management Company
P.O. Box 6012, Room K2200
San Ramon, CA 94583

**RE: First Semi-Annual Event of March 18, 2009**
Groundwater Monitoring & Sampling Report
Chevron Service Station #9-5542
7007 San Ramon Road
Dublin, California

Dear Ms. Hartung-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 Groundwater Elevation 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,

Cheryl L. Hansen
-FOR-
Deanna L. Harding
Project Coordinator

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

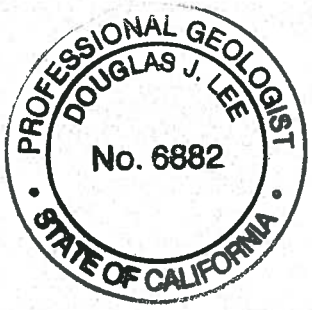
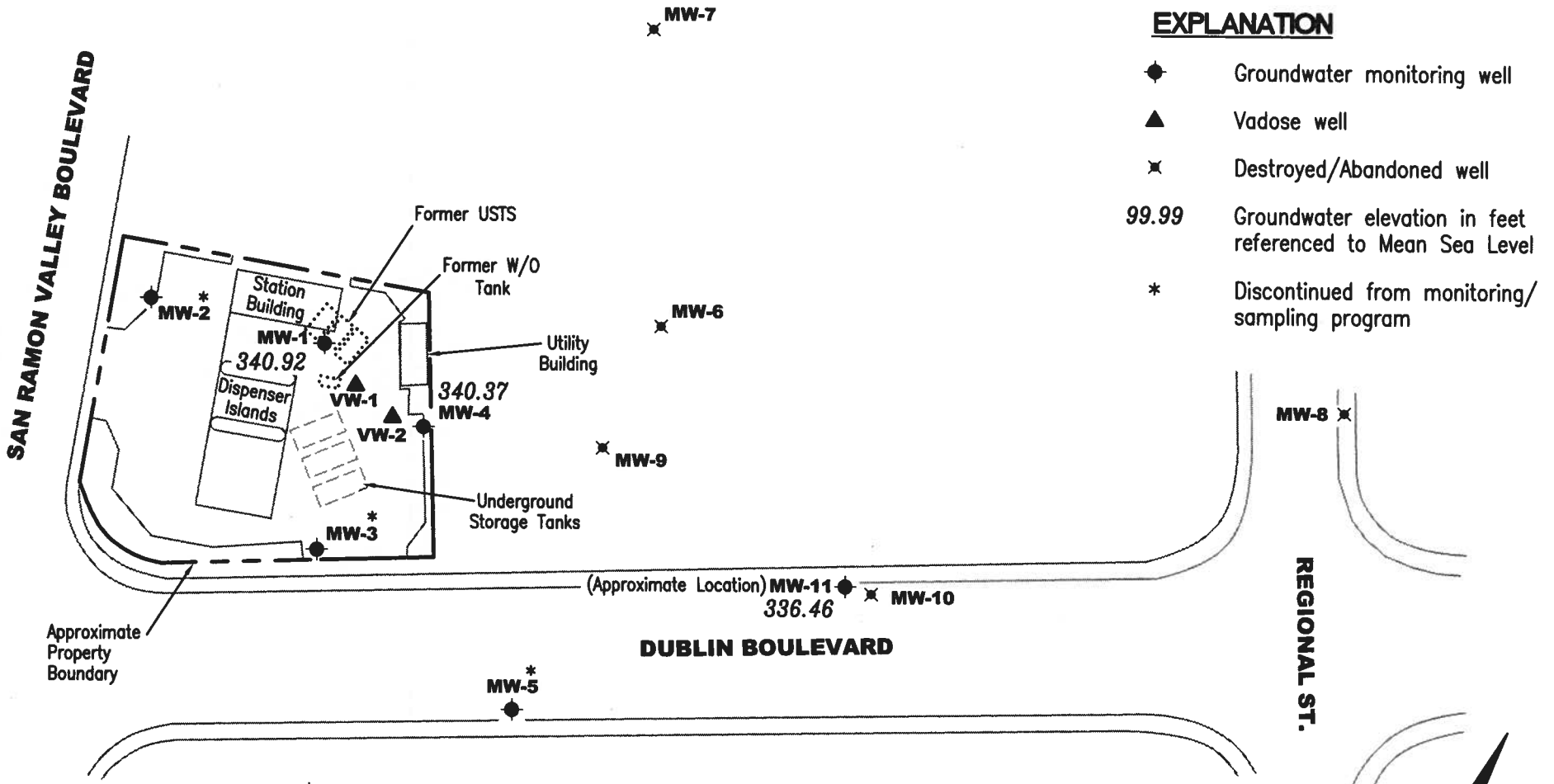



Figure 1: Groundwater Elevation Map
Table 1: Groundwater Monitoring Data and Analytical Results
Table 2: Groundwater Analytical Results – Oxygenate Compounds
Attachments: Standard Operating Procedure - Groundwater Sampling
Field Data Sheets
Chain of Custody Document and Laboratory Analytical Reports

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
1364 N. McDowell Blvd., Suite B2 • **Petaluma**, CA 94954 • (707) 789-3255 • Fax (707) 789-3218




Source: Figure modified from drawing provided by RRM engineering contracting firm & Cambria, Dated: 04/26/05

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

**GROUNDWATER ELEVATION MAP**
Chevron Service Station #9-5542
7007 San Ramon Road
Dublin, California

FIGURE
1

| PROJECT NUMBER | REVIEWED BY | DATE | REVISED DATE |
|---|---|---|---|
| 385290 | | March 18, 2009 | |

FILE NAME: P:\Enviro\Chevron\9-5542\Q09-9-5542.DWG | Layout Tab: Pot1

# Table 1

## Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-5542

7007 San Ramon Road

Dublin, California

| WELL ID/ DATE | | TOC* (ft.) | GWE (msl) | DTW (ft.) | TPH-GRO (µg/L) | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) | MTBE (µg/L) | TOG (µg/L) | 1,2-DCA (µg/L) | EDB (µg/L) | HVOCs (µg/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **MW-1** | | | | | | | | | | | | | | |
| 4/3-4/90 | | 363.98 | -- | -- | 46,000 | 8,400 | 7,400 | 860 | 5,600 | -- | -- | -- | 1.04 | -- |
| 4/3-4/90 | (D) | 363.98 | -- | -- | 43,000 | 8,400 | 7,200 | 840 | 5,200 | -- | -- | -- | 1.1 | -- |
| 05/31/91 | | 363.98 | 338.31 | 25.67 | 31,000 | 7,400 | 2,500 | 630 | 2,100 | -- | -- | 2.0 | -- | ND[3] |
| 05/31/91 | | 363.98 | -- | -- | -- | -- | -- | -- | -- | -- | <5000 | -- | -- | -- |
| 06/21/91 | | 363.98 | 337.75 | 26.23 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 07/17/91 | | 363.98 | 337.45 | 26.53 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 09/20/91 | | 363.98 | -- | -- | 31,000 | 3,000 | 2,800 | 610 | 3,100 | -- | -- | 0.6 | -- | ND[3] |
| 10/04/91 | | 363.98 | 336.08 | 27.90 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 12/19/91 | | 363.98 | 335.86 | 28.12 | 20,000 | 5,200 | 1,700 | 560 | 2,000 | -- | -- | 3.3 | -- | ND[3] |
| 03/19/92 | | 363.98 | 339.35 | 24.63 | 30,000 | 8,500 | 3,600 | 590 | 2,400 | -- | -- | 2.7 | -- | ND[3] |
| 06/19/92 | | 364.32 | 338.09 | 26.23 | 25,000 | 1,100 | 2,000 | 520 | 1,800 | -- | -- | -- | -- | -- |
| 09/22/92 | | 364.32 | 336.59 | 27.73 | 21,000 | 8,000 | 3,500 | 670 | 2,900 | -- | -- | -- | -- | -- |
| 12/18/92 | | 364.32 | 337.56 | 26.76 | 79,000 | 12,000 | 12,000 | 1,600 | 8,500 | -- | -- | -- | -- | -- |
| 03/10/93[1] | | 364.32 | -- | -- | 45,000 | 16,000 | 14,000 | 1,100 | 5,500 | -- | -- | -- | -- | -- |
| 03/22/93[2] | | 364.32 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 06/14/93[2] | | 364.32 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 07/25/93[2] | | 364.32 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 09/23/93[2] | | 364.32 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 03/21/94 | | 364.32 | 338.16 | 26.16 | 5,900 | 1,600 | 560 | 140 | 330 | -- | -- | -- | -- | -- |
| 07/06/94 | | 364.32 | 337.12 | 27.20 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 08/26/94 | | 364.32 | -- | -- | 20,000 | 5,300 | 4,900 | 610 | 2,900 | -- | -- | -- | -- | -- |
| 09/22/94 | | 364.32 | 336.88 | 27.44 | 42,000 | 10,000 | 8,300 | 1,000 | 4,900 | -- | -- | -- | -- | -- |
| 12/08/94 | | 364.32 | 337.62 | 26.70 | 38,000 | 9,000 | 7,700 | 830 | 3,800 | -- | -- | -- | -- | -- |
| 03/06/95 | | 364.32 | 340.64 | 23.68 | 47,000 | 9,400 | 7,100 | 750 | 3,400 | -- | -- | -- | -- | -- |
| 06/08/95 | | 364.32 | 341.64 | 22.68 | 170,000 | 29,000 | 29,000 | 2,600 | 13,000 | -- | -- | -- | -- | -- |
| 09/13/95 | | 364.32 | 339.22 | 25.10 | 39,000 | 11,000 | 10,000 | 1,100 | 4,900 | -- | -- | -- | -- | -- |
| 12/16/95 | | 364.32 | 338.24 | 26.08 | 40,000 | 7,000 | 6,300 | 570 | 2,500 | <2.5 | -- | -- | -- | -- |
| 03/28/96 | | 364.32 | 342.12 | 22.20 | 16,000 | 3,700 | 3,200 | 330 | 1,500 | <120 | -- | -- | -- | -- |
| 06/27/96 | | 364.32 | 340.12 | 24.20 | 40,000 | 6,900 | 8,700 | 830 | 4,000 | <120 | -- | -- | -- | -- |
| 09/30/96 | | 364.32 | 338.70 | 25.62 | 190,000 | 24,000 | 31,000 | 2,900 | 14,000 | 380 | -- | -- | -- | -- |
| 12/30/96 | | 364.32 | 340.11 | 24.21 | 130,000 | 25,000 | 32,000 | 2,900 | 15,000 | <500 | -- | -- | -- | -- |
| 03/11/97 | | 364.32 | 340.60 | 23.72 | 76,000 | 11,000 | 13,000 | 1,000 | 6,500 | <500 | -- | -- | -- | -- |
| 06/10/97 | | 364.32 | 339.00 | 25.32 | 63,000 | 9,900 | 15,000 | 1,400 | 7,000 | <500 | -- | -- | -- | -- |
| 10/01/97 | | 364.32 | 338.31 | 26.01 | 48,000 | 8,400 | 12,000 | 1,200 | 5,700 | <500 | -- | -- | -- | -- |
| 12/17/97 | | 364.32 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 03/29/98 | | 364.32 | DISCONTINUED | | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

# Table 1

## Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-5542

7007 San Ramon Road

Dublin, California

| WELL ID/ DATE | TOC* (ft.) | GWE (msl) | DTW (ft.) | TPH-GRO (µg/L) | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) | MTBE (µg/L) | TOG (µg/L) | 1,2-DCA (µg/L) | EDB (µg/L) | HVOCs (µg/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **MW-1 (cont)** | | | | | | | | | | | | | |
| 09/12/98[5] | 364.32 | 340.10 | 24.22 | 61,000 | 10,000 | 13,000 | 1,700 | 7,600 | <125/143[6] | -- | -- | -- | -- |
| 09/29/99[4] | 364.32 | 339.04 | 25.28 | 423 | 65 | 48.8 | 12.4 | 43.7 | 8.0 | -- | <2.0 | <2.0 | -- |
| 03/17/00 | 364.32 | 341.34 | 22.98 | 61,200 | 10,200 | 15,300 | 1890 | 8540 | <2000 | -- | -- | -- | -- |
| 08/28/00 | 364.32 | 338.30 | 26.02 | 2,000[15] | 590 | 470 | 110 | 390 | 25 | -- | -- | -- | -- |
| 02/25/01 | 364.32 | 338.84 | 25.48 | 440[15] | 120 | 33 | 8.5 | 260 | <13 | -- | -- | -- | -- |
| 09/17/01 | 364.32 | 337.65 | 26.67 | 16,000 | 1,500 | 1,900 | 340 | 1,400 | <20 | -- | -- | -- | -- |
| 03/25/02 | 364.32 | 340.81 | 23.51 | 96,000 | 11,000 | 21,000 | 2,500 | 12,000 | <100 | -- | -- | -- | -- |
| 09/16/02[5] | 364.32 | 337.91 | 26.41 | 3,700 | 1,200 | 52 | 140 | 92 | 6.9/<2[6] | -- | <2 | <2 | -- |
| 03/18/03 | 364.32 | 339.86 | 24.46 | 740 | 120 | 43 | 25 | 70 | <2.5/<0.5[6] | -- | -- | -- | -- |
| 09/18/03[16] | 364.32 | 338.36 | 25.96 | 66,000 | 6,600 | 12,000 | 1,500 | 6,900 | <2 | -- | -- | -- | -- |
| 03/24/04[16] | 364.32 | 340.44 | 23.88 | 130 | 8 | 2 | 2 | 4 | <0.5 | -- | -- | -- | -- |
| 09/16/04[16] | 364.32 | 337.68 | 26.64 | 14,000 | 1,600 | 2,200 | 500 | 2,000 | <1 | -- | -- | -- | -- |
| 03/23/05[16] | 364.32 | 342.04 | 22.28 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- |
| 09/02/05[16] | 364.32 | 338.60 | 25.72 | 3,100 | 630 | 60 | 110 | 160 | <0.5 | -- | -- | -- | -- |
| 03/24/06[16] | 364.32 | 340.49 | 23.83 | 680 | 130 | 0.7 | 15 | 16 | <0.5 | -- | -- | -- | -- |
| 08/24/06[16] | 364.32 | 338.36 | 25.96 | 1,000 | 180 | 8 | 20 | 41 | <0.5 | -- | -- | -- | -- |
| 03/01/07[16] | 364.32 | 340.47 | 23.85 | 28,000 | 1,800 | 3,800 | 710 | 3,100 | <5 | -- | -- | -- | -- |
| 09/06/07[16] | 364.32 | 338.07 | 26.25 | 11,000 | 1,900 | 46 | 410 | 960 | <1 | -- | -- | -- | -- |
| 03/10/08[16] | 364.32 | 341.36 | 22.96 | 19,000 | 940 | 3,800 | 590 | 3,000 | <5 | -- | -- | -- | -- |
| 09/02/08[16] | 364.32 | 338.07 | 26.25 | 23,000 | 1,200 | 4,300 | 840 | 4,100 | <3 | -- | -- | -- | -- |
| **03/18/09[16]** | **364.32** | **340.92** | **23.40** | **35,000** | **1,200** | **6,400** | **1,400** | **5,800** | **<3** | **--** | **--** | **--** | **--** |

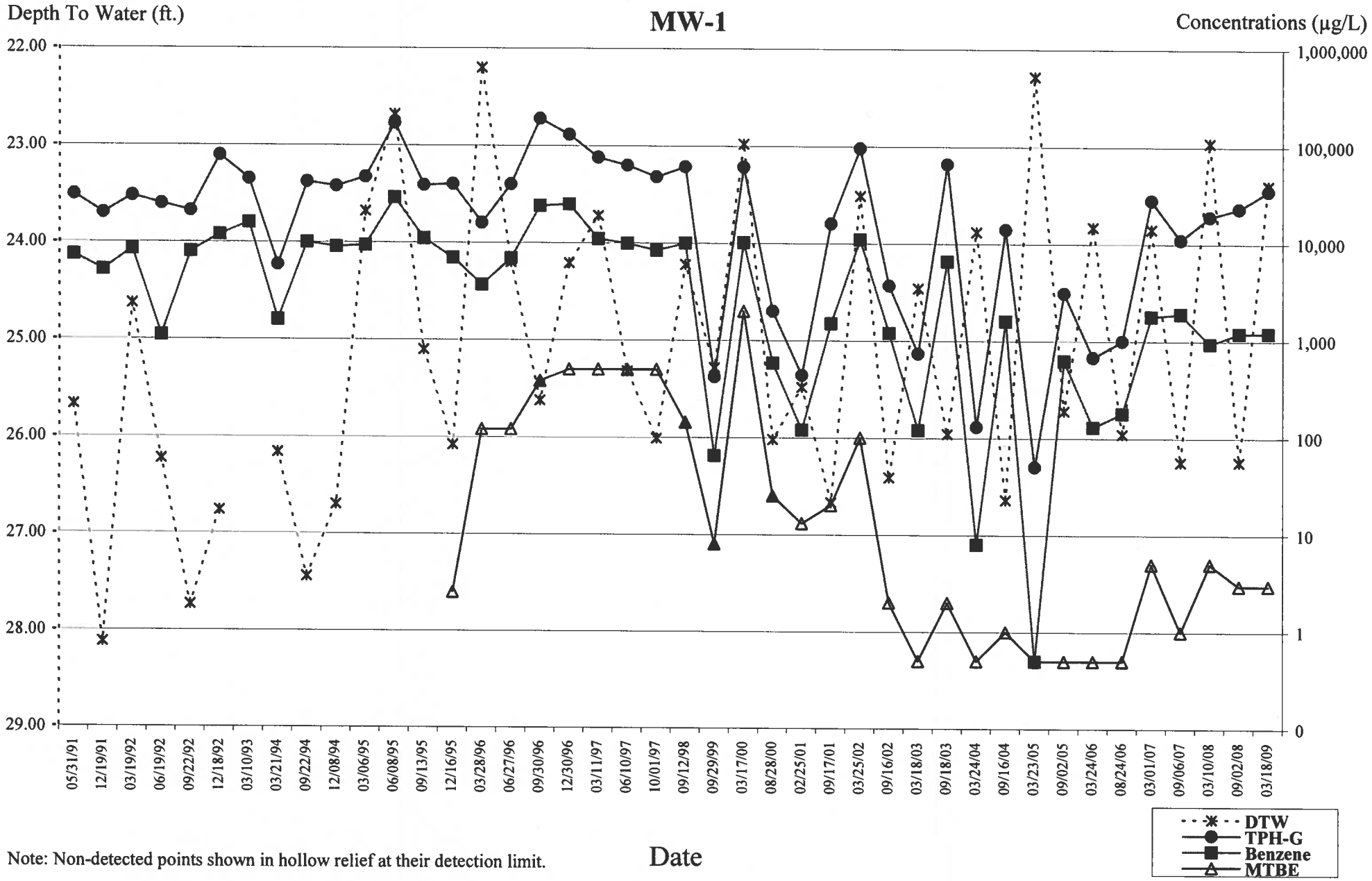
# Table 1

**Groundwater Monitoring Data and Analytical Results**

Chevron Service Station #9-5542

7007 San Ramon Road

Dublin, California




Note: Non-detected points shown in hollow relief at their detection limit.

# Table 1

## Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-5542

7007 San Ramon Road

Dublin, California

| WELL ID/ DATE | TOC* (ft.) | GWE (msl) | DTW (ft.) | TPH-GRO (µg/L) | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) | MTBE (µg/L) | TOG (µg/L) | 1,2-DCA (µg/L) | EDB (µg/L) | HVOCs (µg/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **MW-4** | | | | | | | | | | | | | |
| 4/3-4/90 | 362.70 | -- | -- | 43,000 | 4,000 | 5,000 | 790 | 5,500 | -- | 18,000 | -- | <0.02 | -- |
| 4/3-4/90 | 362.70 | -- | -- | -- | 6,000 | 8,200 | 1,500 | -- | -- | -- | -- | -- | -- |
| 05/31/91 | 362.70 | 338.03 | 24.67 | 34,000 | 2,900 | 2,900 | 680 | 3,300 | -- | -- | <0.5 | -- | ND[3] |
| 05/31/91 | 362.70 | -- | -- | <5000 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 06/21/91 | 362.70 | 337.39 | 25.31 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 07/17/91 | 362.70 | 336.97 | 25.73 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 09/20/91 | 362.70 | -- | -- | 37,000 | 4,000 | 3,200 | 580 | 3,000 | -- | -- | 9.2 | -- | ND[3] |
| 10/04/91 | 362.70 | 335.62 | 27.08 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 12/19/91 | 362.70 | 335.46 | 27.24 | 41,000 | 5,500 | 4,900 | 1,000 | 4,400 | -- | -- | 17 | -- | ND[3] |
| 03/19/92 | 362.70 | 339.04 | 23.66 | 21,000 | 3,800 | 2,900 | 500 | 3,200 | -- | -- | 15 | -- | ND[8] |
| 06/19/92 | 363.07 | 337.74 | 25.33 | 27,000 | 1,800 | 1,600 | 570 | 1,900 | -- | <5000 | -- | -- | -- |
| 09/22/92 | 363.07 | 336.17 | 26.90 | 20,000 | 4,100 | 2,700 | 670 | 3,200 | -- | <5000 | -- | -- | -- |
| 12/18/92 | 363.07 | 337.45 | 25.62 | 15,000 | 2,200 | 2,000 | 370 | 1,600 | -- | <5000 | -- | -- | -- |
| 03/22/93 | 363.07 | 342.27 | 20.80 | 41,000 | 3,900 | 5,100 | 840 | 4,500 | -- | 5000 | -- | -- | -- |
| 06/14/93 | 363.07 | 337.34 | 25.73 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 07/25/93 | 363.07 | 339.05 | 24.02 | 94,000 | 18,000 | 30,000 | 2,400 | 14,000 | -- | <5000 | -- | -- | -- |
| 09/23/93 | 363.07 | 338.07 | 25.00 | 23,000 | 4,700 | 2,000 | 900 | 4,600 | -- | <5000 | -- | -- | -- |
| 12/22/93 | 363.07 | 337.35 | 25.72 | 18,000 | 2,800 | 1,300 | 420 | 1,700 | -- | <5000 | -- | -- | -- |
| 03/21/94 | 363.07 | 337.98 | 25.09 | 21,000 | 2,800 | 1,700 | 540 | 1,900 | -- | <5000 | -- | -- | -- |
| 06/29/94 | 363.07 | -- | -- | 25,000 | 4,000 | 2,600 | 960 | 3,300 | -- | <5000 | -- | -- | -- |
| 07/06/94 | 363.07 | 336.96 | 26.11 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 09/22/94 | 363.07 | 336.53 | 26.54 | 45,000 | 11,000 | 8,800 | 1,000 | 5,100 | -- | <5000 | -- | -- | -- |
| 12/08/94[9] | 363.07 | 337.52 | 25.55 | 6700 | 1,200 | 720 | 34 | 1,100 | -- | <5000 | -- | -- | -- |
| 03/06/95 | 363.07 | 340.43 | 22.64 | 8900 | 1,400 | 540 | 350 | 940 | -- | -- | -- | -- | -- |
| 06/08/95 | 363.07 | 341.06 | 22.01 | 15,000 | 2,000 | 1,500 | 400 | 1,500 | -- | -- | -- | -- | -- |
| 09/13/95 | 363.07 | 338.65 | 24.42 | 10,000[10] | 3,100 | 670 | 500 | 1,400 | -- | -- | -- | -- | -- |
| 12/16/95 | 363.07 | 337.89 | 25.18 | 15,000 | 2,900 | 960 | 420 | 1,200 | <2.5 | -- | -- | -- | -- |
| 03/28/96 | 363.07 | 342.10 | 20.97 | 8600 | 1,300 | 920 | 330 | 1,100 | <10 | -- | -- | -- | -- |
| 06/27/96 | 363.07 | 341.44 | 21.63 | 18,000 | 2,600 | 1,500 | 740 | 2,400 | <50 | -- | -- | -- | -- |
| 09/30/96 | 363.07 | 338.22 | 24.85 | 24,000 | 3,200 | 1,200 | 710 | 2,200 | 87 | -- | -- | -- | -- |
| 12/30/96 | 363.07 | 339.79 | 23.28 | 15,000 | 2,300 | 1,000 | 600 | 1,900 | 84 | -- | -- | -- | -- |
| 03/11/97 | 363.07 | 340.45 | 22.62 | 23,000 | 2,600 | 920 | 780 | 2,200 | 84 | -- | -- | -- | -- |
| 06/10/97 | 363.07 | 338.58 | 24.49 | 17,000 | 2,900 | 790 | 750 | 1,700 | <100 | -- | -- | -- | -- |
| 10/01/97 | 363.07 | 337.57 | 25.50 | 21,000 | 3,600 | 1,400 | 1,300 | 2,700 | <50 | -- | -- | -- | -- |
| 12/17/97 | 363.07 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 03/29/98 | 363.07 | DISCONTINUED | | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

# Table 1

## Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-5542

7007 San Ramon Road

Dublin, California

| WELL ID/ DATE | TOC* (ft.) | GWE (msl) | DTW (ft.) | TPH-GRO (µg/L) | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) | MTBE (µg/L) | TOG (µg/L) | 1,2-DCA (µg/L) | EDB (µg/L) | HVOCs (µg/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **MW-4 (cont)** | | | | | | | | | | | | | |
| 09/29/99[11] | 363.07 | 337.75 | 25.32 | 26,700 | 3,770 | 844 | 1,290 | 2,970 | <500 | -- | <40 | <40 | -- |
| 03/17/00 | 363.07 | 340.26 | 22.81 | 17,400 | 2,560 | 942 | 688 | 1,980 | <1000 | -- | -- | -- | -- |
| 08/28/00 | 363.07 | 337.98 | 25.09 | 12,000[15] | 2,700 | 220 | 530 | 750 | 140 | -- | -- | -- | -- |
| 02/25/01 | 363.07 | 338.77 | 24.30 | 8,700[15] | 1,600 | 400 | 600 | 1,500 | 250 | -- | -- | -- | -- |
| 09/17/01 | 363.07 | 337.29 | 25.78 | 22,000 | 2,200 | 620 | 860 | 2,400 | <50 | -- | -- | -- | -- |
| 03/25/02 | 363.07 | 340.55 | 22.52 | 5,400 | 720 | 53 | 230 | 390 | <13 | -- | -- | -- | -- |
| 09/16/02[5] | 363.07 | 337.90 | 25.17 | 16,000 | 2,000 | 180 | 630 | 1,800 | 39/<2[6] | -- | <2 | <2 | -- |
| 03/18/03 | 363.07 | 339.66 | 23.41 | 10,000 | 1,400 | 110 | 490 | 1,100 | <13/1[6] | -- | -- | -- | -- |
| 09/18/03[16] | 363.07 | 337.99 | 25.08 | 7,100 | 750 | 61 | 240 | 560 | 1 | -- | -- | -- | -- |
| 03/24/04[16] | 363.07 | 340.18 | 22.89 | 16,000 | 1,600 | 170 | 720 | 2,000 | 1 | -- | -- | -- | -- |
| 09/16/04[16] | 363.07 | 337.34 | 25.73 | 6,700 | 540 | 160 | 250 | 1,000 | 0.7 | -- | -- | -- | -- |
| 03/23/05[16] | 363.07 | 341.91 | 21.16 | 8,900 | 550 | 75 | 470 | 1,500 | 1 | -- | -- | -- | -- |
| 09/02/05[16] | 363.07 | 338.31 | 24.76 | 9,300 | 1,000 | 41 | 440 | 840 | <1 | -- | -- | -- | -- |
| 03/24/06[16] | 363.07 | 340.59 | 22.48 | 17,000 | 930 | 120 | 800 | 2,700 | 0.9 | -- | -- | -- | -- |
| 08/24/06[16] | 363.07 | 338.03 | 25.04 | 10,000 | 1,000 | 29 | 350 | 590 | <3 | -- | -- | -- | -- |
| 03/01/07[16] | 362.88 | 339.89 | 22.99 | 4,300 | 240 | 25 | 130 | 460 | <0.5 | -- | -- | -- | -- |
| 09/06/07[16] | 362.88 | 337.57 | 25.31 | 4,900 | 230 | 11 | 170 | 420 | <0.5 | -- | -- | -- | -- |
| 03/10/08[16] | 362.88 | 340.75 | 22.13 | 870 | 8 | 0.7 | 8 | 32 | <0.5 | -- | -- | -- | -- |
| 09/02/08[16] | 362.88 | 337.57 | 25.31 | 1,800 | 36 | 2 | 72 | 160 | <0.5 | -- | -- | -- | -- |
| **03/18/09[16]** | **362.88** | **340.37** | **22.51** | **3,900** | **46** | **4** | **190** | **450** | **<0.5** | -- | -- | -- | -- |

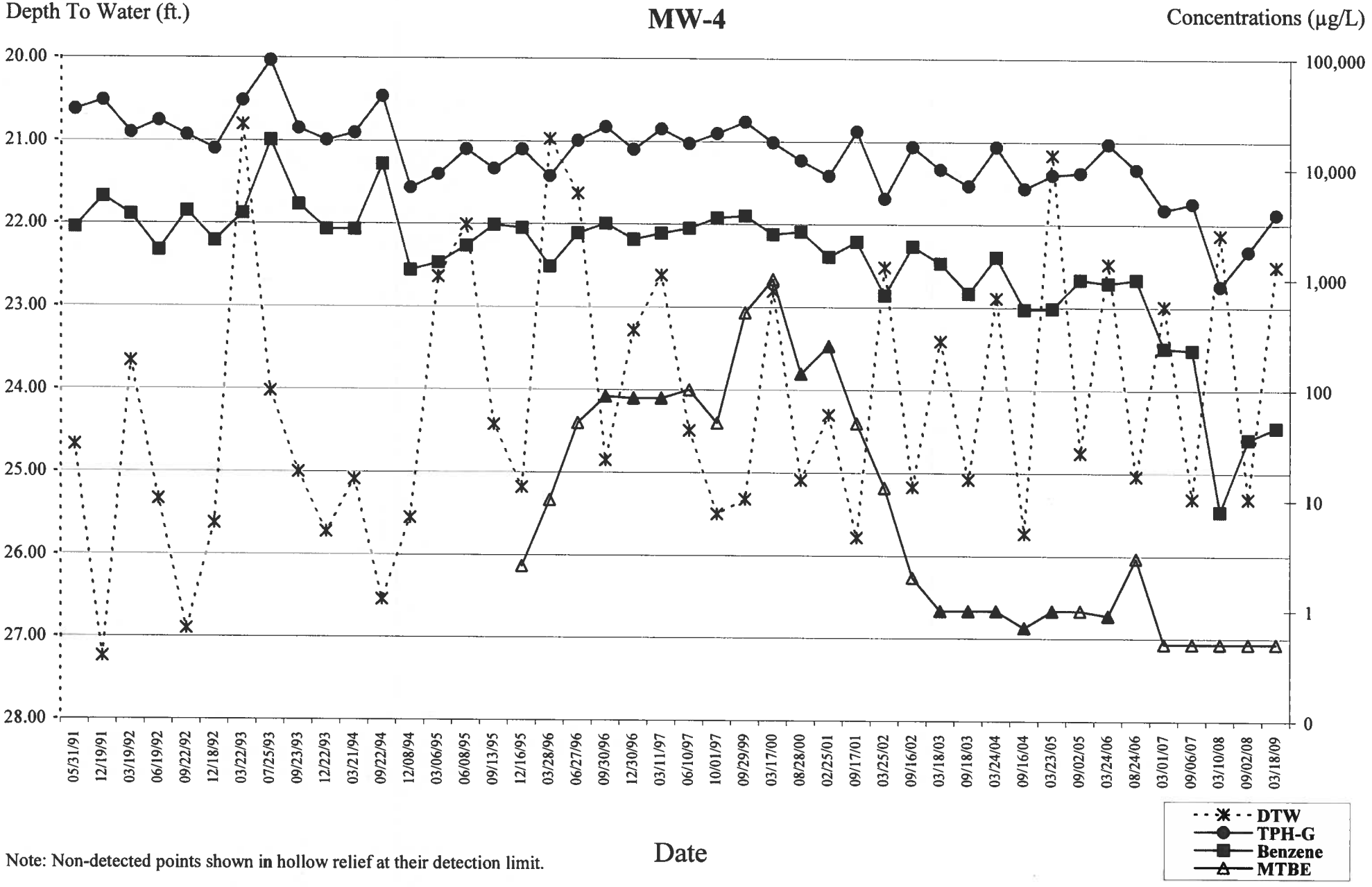
# Table 1

**Groundwater Monitoring Data and Analytical Results**

Chevron Service Station #9-5542

7007 San Ramon Road

Dublin, California




Note: Non-detected points shown in hollow relief at their detection limit.

# Table 1

## Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-5542

7007 San Ramon Road

Dublin, California

| WELL ID/ DATE | TOC* (ft.) | GWE (msl) | DTW (ft.) | TPH-GRO (µg/L) | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) | MTBE (µg/L) | TOG (µg/L) | 1,2-DCA (µg/L) | EDB (µg/L) | HVOCs (µg/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **MW-11** | | | | | | | | | | | | | |
| 12/29/06[17] | 357.39 | 335.25 | 22.14 | 190 | <0.5 | 0.6 | 6 | 0.6 | <0.5 | -- | -- | -- | -- |
| 03/01/07[16] | 357.39 | 334.89 | 22.50 | <50 | 0.8 | 2 | 0.7 | 3 | <0.5 | -- | -- | -- | -- |
| 09/06/07[16] | 357.39 | 333.99 | 23.40 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- |
| 03/10/08[16] | 357.39 | 335.83 | 21.56 | <50 | <0.5 | <0.5 | <0.5 | 0.8 | <0.5 | -- | -- | -- | -- |
| 09/02/08[16] | 357.39 | 333.73 | 23.66 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- |
| **03/18/09[16]** | **357.39** | **336.46** | **20.93** | **<50** | **<0.5** | **0.5** | **<0.5** | **<0.5** | **<0.5** | -- | -- | -- | -- |
| **MW-9** | | | | | | | | | | | | | |
| 07/06/94[13] | 361.23 | 336.08 | 25.15 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 08/26/94 | 361.23 | -- | -- | 12,000 | 1,700 | 240 | 410 | 1,400 | -- | -- | -- | -- | -- |
| 09/22/94 | 361.23 | 335.49 | 25.74 | 10,000 | 1,900 | 290 | 320 | 1,200 | -- | -- | -- | -- | -- |
| 12/08/94 | 361.23 | 336.39 | 24.84 | 18,000 | 2,400 | 780 | 450 | 4,600 | -- | -- | -- | -- | -- |
| 03/06/95 | 361.23 | 339.40 | 21.83 | 6,100 | 1,400 | 260 | 420 | 1,500 | -- | -- | -- | -- | -- |
| 06/08/95 | 361.23 | 339.94 | 21.29 | 14,000 | 2,100 | 220 | 540 | 1,700 | -- | -- | -- | -- | -- |
| 09/13/95 | 361.23 | 337.85 | 23.65 | 11,000 | 1,900 | 120 | 490 | 1,400 | -- | -- | -- | -- | -- |
| 12/16/95 | 361.23 | 336.91 | 24.32 | 16,000 | 1,900 | <0.5 | 680 | 1,200 | <2.5 | -- | -- | -- | -- |
| 03/28/96 | 361.23 | 340.78 | 20.45 | 960 | 120 | 5.9 | 33 | 70 | 18 | -- | -- | -- | -- |
| 06/27/96 | 361.23 | 338.39 | 22.84 | 10,000 | 1,200 | 46 | 340 | 1,000 | 66 | -- | -- | -- | -- |
| 09/30/96 | 361.59 | 337.47 | 24.12 | 15,000 | 1,300 | 36 | 390 | 950 | 100 | -- | -- | -- | -- |
| 12/30/96 | 361.59 | 338.95 | 22.64 | 12,000 | 1,200 | 54 | 470 | 1,300 | 100 | -- | -- | -- | -- |
| 03/11/97 | 361.59 | 339.50 | 22.09 | 13,000 | 850 | 37 | 310 | 930 | 63 | -- | -- | -- | -- |
| 06/10/97 | 361.59 | 337.81 | 23.78 | 9,000 | 800 | 7.7 | 220 | 360 | 86 | -- | -- | -- | -- |
| 10/01/97 | 361.59 | 338.06 | 23.53 | 7,000 | 770 | 13 | 270 | 540 | 99 | -- | -- | -- | -- |
| 12/17/97 | 361.59 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 03/29/98 | 361.59 | 341.11 | 20.48 | 4,900 | 400 | 850 | 160 | 720 | 170 | -- | -- | -- | -- |
| 09/12/98 | 361.59 | 338.86 | 22.73 | 7,400 | 900 | 6.6 | 150 | 440 | 68 | -- | -- | -- | -- |
| 03/26/99 | 361.59 | 339.34 | 22.25 | 3,490 | 441 | 10.7 | 121 | 135 | 33.6 | -- | -- | -- | -- |
| 09/29/99 | 361.59 | 337.67 | 23.92 | 3,820 | 455 | <20 | 66.5 | 46.6 | <200 | -- | <2.0 | <2.0 | -- |
| 03/17/00 | 361.59 | 340.20 | 21.39 | 4,680 | 510 | <10 | 146 | 528 | <100 | -- | -- | -- | -- |
| 08/28/00 | 361.59 | UNABLE TO LOCATE | | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 02/25/01 | 361.59 | UNABLE TO LOCATE | | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 09/17/01 | 361.59 | 336.69 | 24.90 | 7,700 | 540 | 2.7 | 89 | 81 | <20 | -- | -- | -- | -- |
| 03/25/02 | 361.59 | 339.78 | 21.81 | 8,000 | 730 | 4.4 | 120 | 380 | <13 | -- | -- | -- | -- |
| 09/16/02 | 361.59 | 336.97 | 24.62 | 4,400 | 420 | <5.0 | 25 | 29 | 19 | -- | -- | -- | -- |
| 03/18/03 | 361.59 | 339.08 | 22.51 | 3,600 | 510 | <2.0 | 16 | 10 | <10/1[6] | -- | -- | -- | -- |

# Table 1

## Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-5542

7007 San Ramon Road

Dublin, California

| WELL ID/ DATE | TOC* (ft.) | GWE (msl) | DTW (ft.) | TPH-GRO (µg/L) | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) | MTBE (µg/L) | TOG (µg/L) | 1,2-DCA (µg/L) | EDB (µg/L) | HVOCs (µg/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **MW-9 (cont)** | | | | | | | | | | | | | |
| 09/18/03[16] | 361.59 | 337.34 | 24.25 | 5,300 | 530 | 0.8 | 32 | 29 | 1 | -- | -- | -- | -- |
| 03/24/04[16] | 361.59 | 339.35 | 22.24 | 4,500 | 290 | 0.6 | 17 | 31 | 0.9 | -- | -- | -- | -- |
| 09/16/04[16] | 361.59 | 336.66 | 24.93 | 4,000 | 400 | 5 | 11 | 10 | <1 | -- | -- | -- | -- |
| 03/23/05[16] | 361.59 | 341.11 | 20.48 | 5,100 | 190 | 0.6 | 21 | 29 | 1 | -- | -- | -- | -- |
| 09/02/05[16] | 361.59 | 337.53 | 24.06 | 4,700 | 340 | 0.5 | 9 | 6 | 0.9 | -- | -- | -- | -- |
| 03/24/06 | 361.59 | INACCESSIBLE - POSSIBLY DESTROYED | | | | -- | -- | -- | -- | -- | -- | -- | -- |
| DESTROYED - 2006 | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| **MW-10** | | | | | | | | | | | | | |
| 06/27/96 | 358.02 | -- | 20.74 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <5.0 | -- | -- | -- | -- |
| 09/30/96 | 358.02 | 335.99 | 22.03 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <5.0 | -- | -- | -- | -- |
| 12/30/96 | 358.02 | 337.46 | 20.56 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <5.0 | -- | -- | -- | -- |
| 03/11/97 | 358.02 | 338.09 | 19.93 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | 7.0 | -- | -- | -- | -- |
| 06/10/97 | 358.02 | 336.37 | 21.65 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | 5.3 | -- | -- | -- | -- |
| 10/01/97 | 358.02 | 335.50 | 22.52 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <5.0 | -- | -- | -- | -- |
| 12/17/97 | 358.02 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 03/29/98 | 358.02 | 340.55 | 17.47 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | 4.3 | -- | -- | -- | -- |
| 09/12/98 | 358.02 | 337.39 | 20.63 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | 3.8 | -- | -- | -- | -- |
| 03/26/99 | 358.02 | 337.98 | 20.04 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | 4.15 | -- | -- | -- | -- |
| 09/29/99 | 358.02 | 336.30 | 21.72 | 5,020 | 547 | <10 | 79.6 | 49.5 | <100 | -- | -- | -- | -- |
| 03/17/00 | 358.02 | 338.67 | 19.35 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <5.0 | -- | -- | -- | -- |
| 08/28/00 | 358.02 | 335.88 | 22.14 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <2.5 | -- | -- | -- | -- |
| 02/25/01 | 358.02 | INACCESSIBLE | | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 09/17/01 | 358.02 | 335.41 | 22.61 | <50 | <0.50 | <0.50 | <0.50 | <1.5 | <2.5 | -- | -- | -- | -- |
| 03/25/02 | 358.02 | 338.64 | 19.38 | <50 | <0.50 | <0.50 | <0.50 | <1.5 | <2.5 | -- | -- | -- | -- |
| 09/16/02 | 358.02 | 335.68 | 22.34 | <50 | <0.50 | <0.50 | <0.50 | <1.5 | 3.1 | -- | -- | -- | -- |
| 03/18/03 | 358.02 | 338.11 | 19.91 | <50 | <0.50 | <0.50 | <0.50 | <1.5 | <2.5/2[6] | -- | -- | -- | -- |
| 09/18/03[16] | 358.02 | 336.10 | 21.92 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | 2 | -- | -- | -- | -- |
| 03/24/04[16] | 358.02 | 338.18 | 19.84 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | 0.5 | -- | -- | -- | -- |
| 09/16/04[16] | 358.02 | 335.39 | 22.63 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | 0.9 | -- | -- | -- | -- |
| 03/23/05[16] | 358.02 | 339.73 | 18.29 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | 0.7 | -- | -- | -- | -- |
| 09/02/05[16] | 358.02 | 336.30 | 21.72 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | 0.8 | -- | -- | -- | -- |
| 03/24/06 | 358.02 | INACCESSIBLE - POSSIBLY DESTROYED | | | | -- | -- | -- | -- | -- | -- | -- | -- |
| DESTROYED - 2006 | | | | | | | | | | | | | |

# Table 1

## Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-5542

7007 San Ramon Road

Dublin, California

| WELL ID/ DATE | TOC* (ft.) | GWE (msl) | DTW (ft.) | TPH-GRO (µg/L) | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) | MTBE (µg/L) | TOG (µg/L) | 1,2-DCA (µg/L) | EDB (µg/L) | HVOCs (µg/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **MW-2** | | | | | | | | | | | | | |
| 4/3-4/90 | 364.19 | -- | -- | <50 | <0.3 | <0.3 | <0.3 | <0.6 | -- | -- | -- | <0.02 | -- |
| 05/31/91 | 364.19 | 338.68 | 25.51 | 100 | 3.1 | 4.2 | 0.7 | 2.0 | -- | -- | <0.5 | -- | ND[3] |
| 05/31/91 | 364.19 | -- | -- | -- | -- | -- | -- | -- | -- | <5000 | -- | -- | -- |
| 06/21/91 | 364.19 | 338.06 | 26.13 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 07/17/91 | 364.19 | 337.73 | 26.46 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 09/20/91 | 364.19 | -- | -- | 68 | 1.3 | 1.6 | 0.8 | 3.0 | -- | -- | -- | -- | -- |
| 10/04/91 | 364.19 | 336.40 | 27.79 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 12/19/91 | 364.19 | 336.13 | 28.06 | <50 | 0.6 | 1.2 | 0.8 | 2.5 | -- | -- | -- | -- | -- |
| 03/19/92 | 364.19 | 339.73 | 24.46 | <50 | 2.5 | 2.0 | 1.1 | 2.4 | -- | -- | -- | -- | -- |
| 06/19/92 | 364.64 | 338.54 | 26.10 | <50 | <0.5 | 0.6 | 0.7 | 1.2 | -- | -- | -- | -- | -- |
| 09/22/92 | 364.64 | 337.04 | 27.60 | 200 | 16 | 42 | 6.1 | 32 | -- | -- | -- | -- | -- |
| 12/18/92 | 364.64 | 338.32 | 26.32 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- |
| 03/22/93 | 364.64 | 343.29 | 21.39 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- |
| 06/14/93 | 364.64 | 339.49 | 25.15 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 07/25/93 | 364.64 | 340.12 | 24.52 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- |
| 09/23/93 | 364.64 | 339.01 | 25.63 | 72 | 12 | 4.0 | 6.0 | 8.0 | -- | -- | -- | -- | -- |
| 12/22/93 | 364.64 | 338.30 | 26.34 | 1,600 | 25 | <0.5 | 3.8 | 4.8 | -- | -- | -- | -- | -- |
| 03/21/94 | 364.64 | 338.81 | 25.83 | <50 | 0.7 | 3.3 | <0.5 | 1.9 | -- | -- | -- | -- | -- |
| 06/29/94 | 364.64 | -- | -- | 52 | 0.8 | 0.9 | 0.8 | 1.9 | -- | -- | -- | -- | -- |
| 07/06/94 | 364.64 | 337.94 | 26.70 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 09/22/94 | 364.64 | 337.82 | 26.82 | <50 | 0.7 | <0.5 | <0.5 | 0.6 | -- | -- | -- | -- | -- |
| 12/08/94 | 364.64 | 338.36 | 26.28 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- |
| 03/06/95 | 364.64 | 341.37 | 23.27 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- |
| 06/08/95 | 364.64 | 342.26 | 22.38 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- |
| 09/13/95 | 364.64 | 339.95 | 24.95 | <50 | <0.5 | 0.8 | <0.5 | 0.8 | -- | -- | -- | -- | -- |
| 12/16/95 | 364.64 | 338.86 | 25.78 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 | -- | -- | -- | -- |
| 03/28/96 | 364.64 | 343.30 | 21.34 | <50 | 0.8 | 5.6 | 1.0 | 6.2 | <5.0 | -- | -- | -- | -- |
| 06/27/96 | 364.64 | 340.65 | 23.99 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <5.0 | -- | -- | -- | -- |
| 09/30/96 | 364.64 | 339.50 | 25.14 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <5.0 | -- | -- | -- | -- |
| 12/30/96 | 364.64 | 341.03 | 23.61 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <5.0 | -- | -- | -- | -- |
| 03/11/97 | 364.64 | 341.47 | 23.17 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <5.0 | -- | -- | -- | -- |
| 06/10/97 | 364.64 | 339.92 | 24.72 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <5.0 | -- | -- | -- | -- |
| 10/01/97 | 364.64 | 338.79 | 25.85 | <50 | 1.0 | 1.2 | <0.5 | 1.7 | <5.0 | -- | -- | -- | -- |
| 12/17/97 | 364.64 | 339.66 | 24.98 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 | -- | -- | -- | -- |
| 03/29/98 | 364.64 | 344.30 | 20.34 | 110 | 20 | 12 | 4.3 | 14 | 5.4 | -- | -- | -- | -- |

# Table 1

## Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-5542

7007 San Ramon Road

Dublin, California

| WELL ID/ DATE | TOC* (ft.) | GWE (msl) | DTW (ft.) | TPH-GRO (µg/L) | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) | MTBE (µg/L) | TOG (µg/L) | 1,2-DCA (µg/L) | EDB (µg/L) | HVOCs (µg/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **MW-2 (cont)** | | | | | | | | | | | | | |
| 09/12/98 | 364.64 | 341.05 | 23.59 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 | -- | -- | -- | -- |
| 03/26/99 | 364.64 | 341.30 | 23.34 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.0 | -- | -- | -- | -- |
| 09/29/99 | 364.64 | 339.63 | 25.01 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <5.0 | -- | -- | -- | -- |
| NOT MONITORED/SAMPLED | | | | | | | | | | | | | |
| **MW-3** | | | | | | | | | | | | | |
| 4/3-4/90 | 361.92 | -- | -- | 2,200 | 36 | 5.0 | 6.0 | 17 | -- | -- | -- | <0.02 | -- |
| 05/31/91 | 361.92 | 338.72 | 23.20 | 2,200 | 130 | 11 | 31 | 78 | -- | -- | 19 | -- | ND[3] |
| 05/31/91 | 361.92 | -- | -- | -- | -- | -- | -- | -- | -- | <5000 | -- | -- | -- |
| 06/21/91 | 361.92 | 337.79 | 24.13 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 07/17/91 | 361.92 | 337.73 | 24.59 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 09/20/91 | 361.92 | 335.94 | 25.98 | 2,200 | 190 | 6.0 | 24 | 32 | -- | -- | -- | -- | -- |
| 12/19/91 | 361.92 | 335.68 | 26.24 | 640 | 73 | 27 | 17 | 56 | -- | -- | -- | -- | -- |
| 03/19/92 | 361.92 | 339.46 | 22.46 | 4,500 | 1,000 | 15 | 91 | 240 | -- | -- | -- | -- | -- |
| 06/19/92 | 362.26 | 337.94 | 24.32 | 1,100 | 89 | 3.3 | 9.1 | 13 | -- | -- | -- | -- | -- |
| 09/22/92 | 362.26 | 336.42 | 25.84 | 1,400 | 81 | 51 | 15 | 49 | -- | -- | -- | -- | -- |
| 12/18/92 | 362.26 | 337.86 | 24.40 | 1,100 | 2.0 | 1.1 | 53 | 38 | -- | -- | -- | -- | -- |
| 03/22/93 | 362.26 | 342.54 | 19.72 | 1,600 | 96 | 9.0 | 14 | 91 | -- | -- | -- | -- | -- |
| 06/14/93 | 362.26 | 338.74 | 23.52 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 07/25/93 | 362.26 | 339.05 | 23.21 | 1,200 | 19 | 6.0 | 2.0 | 5.0 | -- | -- | -- | -- | -- |
| 09/23/93 | 362.26 | 338.24 | 24.02 | 1,500 | 35 | <0.5 | 5.0 | 13 | -- | -- | -- | -- | -- |
| 12/22/93 | 362.26 | 337.59 | 24.67 | 1,500 | 26 | <0.5 | 3.9 | 4.9 | -- | -- | -- | -- | -- |
| 03/21/94 | 362.26 | 338.21 | 24.05 | 1,400 | 22 | 14 | 1.1 | 5.3 | -- | -- | -- | -- | -- |
| 06/29/94 | 362.26 | -- | -- | 1,700 | 90 | 6.1 | 20 | 81 | -- | -- | -- | -- | -- |
| 07/06/94 | 362.26 | 337.18 | 25.08 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 09/22/94 | 362.26 | 337.48 | 24.78 | 2,600 | 72 | 7.6 | 110 | 370 | -- | -- | -- | -- | -- |
| 12/08/94 | 362.26 | 337.91 | 24.35 | 2,700 | 32 | <0.5 | 100 | 140 | -- | -- | -- | -- | -- |
| 03/06/95 | 362.26 | 340.79 | 21.47 | 1,000 | 4.0 | 9.9 | 8.8 | 7.7 | -- | -- | -- | -- | -- |
| 06/08/95 | 362.26 | 341.27 | 20.99 | 1,500 | 13 | 3.2 | 12 | 17 | -- | -- | -- | -- | -- |
| 09/13/95 | 362.26 | 338.75 | 23.51 | 2,100 | 12 | 79 | 76 | 420 | -- | -- | -- | -- | -- |
| 12/16/95 | 362.26 | 338.26 | 24.00 | 650 | <0.5 | <0.5 | 4.4 | 6.5 | 12 | -- | -- | -- | -- |
| 03/28/96 | 362.26 | 342.36 | 19.90 | 1,500 | 4.3 | 6.5 | 60 | 100 | 15 | -- | -- | -- | -- |
| 06/27/96 | 362.26 | 340.28 | 21.98 | 1,200 | <0.5 | <0.5 | 1.9 | 2.0 | 13 | -- | -- | -- | -- |
| 09/30/96 | 362.26 | 338.44 | 23.82 | 620 | <0.5 | <0.5 | <0.5 | 0.8 | 10 | -- | -- | -- | -- |
| 12/30/96 | 362.26 | 339.96 | 22.30 | 1,200 | 0.6 | <0.5 | 0.6 | 0.7 | 12 | -- | -- | -- | -- |

# Table 1

## Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-5542

7007 San Ramon Road

Dublin, California

| WELL ID/ DATE | TOC* (ft.) | GWE (msl) | DTW (ft.) | TPH-GRO (µg/L) | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) | MTBE (µg/L) | TOG (µg/L) | 1,2-DCA (µg/L) | EDB (µg/L) | HVOCs (µg/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **MW-3 (cont)** | | | | | | | | | | | | | |
| 03/11/97 | 362.26 | 340.75 | 21.51 | 1,400 | <0.5 | 3.1 | <0.5 | 0.7 | 32 | -- | -- | -- | -- |
| 06/10/97 | 362.26 | 338.66 | 23.60 | 1,400 | 1.8 | 4.8 | 0.8 | 1.1 | 18 | -- | -- | -- | -- |
| 10/01/97 | 362.26 | 337.53 | 24.73 | 1,100 | 0.6 | 2.2 | 1.0 | 1.3 | 7.8 | -- | -- | -- | -- |
| 12/17/97 | 362.26 | 338.99 | 23.27 | 450[7] | 7.9 | 1.2 | <1.0 | 1.5 | 11 | -- | -- | -- | -- |
| 03/29/98 | 362.26 | 342.01 | 20.25 | 890 | 0.84 | 1.4 | 1.3 | 0.68 | 100 | -- | -- | -- | -- |
| 09/12/98 | 362.26 | 340.38 | 21.88 | 740[7] | <0.5 | <0.5 | <0.5 | <0.5 | 5.4 | -- | -- | -- | -- |
| 03/26/99 | 362.26 | 339.83 | 22.43 | 661 | <0.5 | 34.9 | 0.848 | 1.36 | 5.68 | -- | -- | -- | -- |
| 09/29/99 | 362.26 | 338.63 | 23.63 | 348 | 0.975 | 0.58 | <0.5 | 0.618 | <5.0 | -- | -- | -- | -- |
| NOT MONITORED/SAMPLED | | | | | | | | | | | | | |
| **MW-5** | | | | | | | | | | | | | |
| 06/21/91 | 359.95 | 336.78 | 23.17 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- |
| 06/21/91 | 359.95 | -- | -- | -- | -- | -- | -- | -- | -- | -- | <0.5 | -- | ND[3] |
| 07/17/91 | 359.95 | 336.27 | 23.68 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 09/20/91 | 359.95 | -- | -- | 170[7] | 0.8 | 0.9 | <0.5 | 1.5 | -- | -- | -- | -- | -- |
| 10/04/91 | 359.95 | 334.75 | 25.20 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 12/19/91 | 359.95 | 334.75 | 25.20 | <50 | 0.7 | 0.7 | <0.5 | 1.4 | -- | -- | -- | -- | -- |
| 03/19/92 | 359.95 | 338.74 | 21.21 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- |
| 06/19/92 | 360.28 | 336.86 | 23.42 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- |
| 09/22/92 | 360.28 | 335.31 | 24.97 | 150 | 13 | 34 | 5.0 | 26 | -- | -- | -- | -- | -- |
| 12/18/92 | 360.28 | 336.76 | 23.52 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- |
| 03/10/93 | 360.28 | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- |
| 03/22/93 | 360.28 | 341.18 | 19.10 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 06/14/93 | 360.28 | 337.57 | 22.71 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 07/25/93 | 360.28 | 338.29 | 21.99 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- |
| 09/23/93 | 360.28 | 336.80 | 23.48 | <50 | 3.0 | 1.0 | 1.0 | 2.0 | -- | -- | -- | -- | -- |
| 12/22/93 | 360.28 | 336.30 | 23.98 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- |
| 03/21/94 | 360.28 | 337.10 | 23.18 | <50 | 2.4 | 1.4 | <0.5 | 2.0 | -- | -- | -- | -- | -- |
| 06/29/94 | 360.28 | -- | -- | <50 | <0.5 | <0.5 | <0.5 | 1.0 | -- | -- | -- | -- | -- |
| 07/06/94 | 360.28 | 335.87 | 24.41 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 09/22/94 | 360.28 | 335.50 | 24.78 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- |
| 12/08/94 | 360.28 | 336.86 | 23.42 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- |
| 03/06/95 | 360.28 | 339.63 | 20.65 | 67 | 1.9 | 2.5 | 4.7 | 19 | -- | -- | -- | -- | -- |
| 06/08/95 | 360.28 | 339.52 | 20.76 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- |
| 09/13/95 | 360.28 | 337.12 | 23.16 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- |

# Table 1

## Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-5542

7007 San Ramon Road

Dublin, California

| WELL ID/ DATE | TOC* (ft.) | GWE (msl) | DTW (ft.) | TPH-GRO (µg/L) | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) | MTBE (µg/L) | TOG (µg/L) | 1,2-DCA (µg/L) | EDB (µg/L) | HVOCs (µg/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **MW-5 (cont)** | | | | | | | | | | | | | |
| 12/16/95 | 360.28 | INACCESSIBLE -PAVED OVER | | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 03/28/96 | 360.28 | INACCESSIBLE -PAVED OVER | | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 06/27/96 | 360.28 | INACCESSIBLE -PAVED OVER | | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 09/30/96 | 360.28 | INACCESSIBLE -PAVED OVER | | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 12/30/96 | 360.28 | INACCESSIBLE -PAVED OVER | | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 03/11/97 | 360.28 | INACCESSIBLE -PAVED OVER | | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 06/10/97 | 360.28 | INACCESSIBLE -PAVED OVER | | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 10/01/97 | 360.28 | INACCESSIBLE -PAVED OVER | | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 12/17/97 | 360.28 | DISCONTINUED | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 03/26/99 | 360.28 | INACCESSIBLE -PAVED OVER | | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| NOT MONITORED/SAMPLED | | | | | | | | | | | | | |
| **MW-6** | | | | | | | | | | | | | |
| 06/21/91 | 360.22 | 336.67 | 23.55 | 3,700 | 50 | 2.6 | 150 | 340 | -- | -- | -- | -- | -- |
| 06/21/91 | 360.22 | -- | -- | -- | -- | -- | -- | -- | -- | -- | <0.5 | -- | ND[3] |
| 07/17/91 | 360.22 | 336.22 | 24.00 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 09/20/91 | 360.22 | -- | -- | 3,200 | 28 | <0.5 | 140 | 100 | -- | -- | -- | -- | -- |
| 10/04/91 | 360.22 | 334.93 | 25.29 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 12/19/91 | 360.22 | 334.88 | 25.34 | 380 | 2.7 | 4.0 | 15 | 10 | -- | -- | -- | -- | -- |
| 03/19/92 | 360.22 | 338.17 | 22.05 | 3,400 | 57 | 4.5 | 330 | 360 | -- | -- | -- | -- | -- |
| 06/19/92 | 360.58 | 337.06 | 23.52 | 980 | 11 | 4.2 | 57 | 38 | -- | -- | -- | -- | -- |
| 09/22/92 | 360.58 | 334.98 | 25.60 | 1,100 | 22 | 41 | 77 | 58 | -- | -- | -- | -- | -- |
| 12/18/92 | 360.58 | 336.40 | 24.18 | 1,900 | 3.2 | 1.3 | 58 | 47 | -- | -- | -- | -- | -- |
| 03/10/93 | 360.58 | -- | -- | 1,400 | 30 | 9.0 | 8.0 | 22 | -- | -- | -- | -- | -- |
| 03/22/93 | 360.58 | 341.22 | 19.36 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 06/14/93 | 360.58 | 337.10 | 23.48 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 07/25/93 | 360.58 | 338.28 | 22.30 | 83[12] | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- |
| 09/23/93 | 360.58 | 337.38 | 23.20 | 200 | 6.0 | 2.0 | 3.0 | 3.0 | -- | -- | -- | -- | -- |
| 12/22/93 | 360.58 | 336.67 | 23.91 | 130 | <0.5 | 1.8 | 1.2 | 1.5 | -- | -- | -- | -- | -- |
| 03/21/94 | 360.58 | 337.31 | 23.27 | 290 | 3.0 | 10 | 1.6 | 4.7 | -- | -- | -- | -- | -- |
| 06/29/94 | 360.58 | -- | -- | 300 | 0.6 | 1.2 | 2.4 | 4.6 | -- | -- | -- | -- | -- |
| 07/06/94 | 360.58 | 336.31 | 24.27 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 09/22/94 | 360.58 | 335.74 | 24.84 | 2,300 | 58 | 3.6 | 100 | 290 | -- | -- | -- | -- | -- |
| 12/08/94 | 360.58 | 336.73 | 23.85 | <50 | <0.5 | <0.5 | <0.5 | 0.9 | -- | -- | -- | -- | -- |
| 03/06/95 | 360.58 | 339.67 | 20.91 | 360 | 2.0 | 3.6 | 0.9 | 2.3 | -- | -- | -- | -- | -- |

# Table 1

## Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-5542

7007 San Ramon Road

Dublin, California

| WELL ID/ DATE | TOC* (ft.) | GWE (msl) | DTW (ft) | TPH-GRO (µg/L) | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) | MTBE (µg/L) | TOG (µg/L) | 1,2-DCA (µg/L) | EDB (µg/L) | HVOCs (µg/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **MW-6 (cont)** | | | | | | | | | | | | | |
| 06/08/95 | 360.58 | 340.40 | 20.18 | 230 | <0.5 | <0.5 | 1.0 | 1.6 | -- | -- | -- | -- | -- |
| 09/13/95 | 360.58 | 337.05 | 23.53 | 88 | <0.5 | <0.5 | <0.5 | 1.1 | -- | -- | -- | -- | -- |
| 12/16/95 | 360.58 | 337.20 | 23.38 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | 7.3 | -- | -- | -- | -- |
| 03/28/96 | 360.58 | 341.21 | 19.37 | 130 | <0.5 | <0.5 | <0.5 | <0.5 | 9.2 | -- | -- | -- | -- |
| 06/27/96 | 360.58 | 338.92 | 21.66 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | 5.7 | -- | -- | -- | -- |
| 09/30/96 | 360.58 | 337.52 | 23.06 | 50 | <0.5 | <0.5 | <0.5 | <0.5 | 6.3 | -- | -- | -- | -- |
| 12/30/96 | 360.58 | 339.12 | 21.46 | 90 | <0.5 | <0.5 | <0.5 | <0.5 | 5.5 | -- | -- | -- | -- |
| 03/11/97 | 360.58 | 339.67 | 20.91 | 80 | <0.5 | <0.5 | <0.5 | <0.5 | <5.0 | -- | -- | -- | -- |
| 06/10/97 | 360.58 | 337.93 | 22.65 | <50 | 1.6 | 2.3 | <0.5 | 1.2 | <5.0 | -- | -- | -- | -- |
| 10/01/97 | 360.58 | 336.95 | 23.63 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <5.0 | -- | -- | -- | -- |
| 12/17/97 | 360.58 | 337.81 | 22.77 | 92 | 0.98 | <0.5 | 0.72 | 1.6 | 2.7 | -- | -- | -- | -- |
| 03/29/98 | 360.58 | 342.24 | 18.34 | 95[7] | <0.5 | <0.5 | <0.5 | <0.5 | 3.0 | -- | -- | -- | -- |
| 09/12/98 | 360.58 | 338.90 | 21.68 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 | -- | -- | -- | -- |
| 03/26/99 | 360.58 | 339.42 | 21.16 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.0 | -- | -- | -- | -- |
| 09/29/99 | 360.58 | 337.73 | 22.85 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <5.0 | -- | -- | -- | -- |
| DESTROYED - 2006 | | | | | | | | | | | | | |
| **MW-7** | | | | | | | | | | | | | |
| 06/21/91 | 360.63 | 337.18 | 23.45 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- |
| 06/21/91 | 360.63 | -- | -- | -- | -- | -- | -- | -- | -- | -- | <0.5 | -- | ND[3] |
| 07/17/91 | 360.63 | 336.73 | 23.90 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 09/20/91 | 360.63 | -- | -- | 69 | 4.4 | 3.3 | 1.2 | 3.9 | -- | -- | -- | -- | -- |
| 10/04/91 | 360.63 | 335.60 | 25.03 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 12/19/91 | 360.63 | 335.53 | 25.10 | <50 | 0.9 | 2.8 | 1.7 | 5.9 | -- | -- | -- | -- | -- |
| 03/19/92 | 360.63 | 337.89 | 22.74 | <50 | 1.1 | 0.6 | 0.9 | 2.5 | -- | -- | -- | -- | -- |
| 06/19/92 | 360.99 | INACCESSIBLE | | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 09/22/92 | 360.99 | INACCESSIBLE | | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 12/18/92 | 360.99 | INACCESSIBLE | | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 03/22/93 | 360.99 | INACCESSIBLE | | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 06/14/93 | 360.99 | INACCESSIBLE | | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 07/25/93 | 360.99 | INACCESSIBLE | | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 12/23/93[1] | 361.68 | 338.01 | 23.67 | <50 | 0.9 | 0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- |
| 03/21/94 | 361.68 | 337.55 | 24.13 | <50 | 0.5 | 1.1 | <0.5 | 1.4 | -- | -- | -- | -- | -- |
| 06/29/94 | 361.68 | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- |
| 07/06/94 | 361.68 | 335.23 | 26.45 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

# Table 1

## Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-5542

7007 San Ramon Road

Dublin, California

| WELL ID/ DATE | TOC* (ft.) | GWE (msl) | DTW (ft) | TPH-GRO (µg/L) | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) | MTBE (µg/L) | TOG (µg/L) | 1,2-DCA (µg/L) | EDB (µg/L) | HVOCs (µg/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **MW-7 (cont)** | | | | | | | | | | | | | |
| 09/22/94 | 361.68 | 334.28 | 27.40 | 11,000 | 1,900 | 230 | 310 | 970 | -- | -- | -- | -- | -- |
| 12/08/94 | 361.68 | 335.45 | 26.23 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- |
| 03/06/95 | 361.68 | 338.49 | 23.19 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- |
| 06/08/95 | 361.68 | 339.54 | 22.14 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- |
| 09/13/95 | 361.68 | 337.13 | 24.55 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- |
| 12/16/95 | 361.68 | 335.94 | 25.74 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 | -- | -- | -- | -- |
| 03/28/96 | 361.68 | 339.96 | 21.72 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <5.0 | -- | -- | -- | -- |
| 06/27/96 | 361.68 | 338.18 | 23.50 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <5.0 | -- | -- | -- | -- |
| 09/30/96 | 361.68 | 336.48 | 25.20 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <5.0 | -- | -- | -- | -- |
| 12/30/96 | 361.68 | 337.80 | 23.88 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <5.0 | -- | -- | -- | -- |
| 03/11/97 | 361.68 | 338.69 | 22.99 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <5.0 | -- | -- | -- | -- |
| 06/10/97 | 361.68 | 336.98 | 24.70 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <5.0 | -- | -- | -- | -- |
| 10/01/97 | 361.68 | 335.98 | 25.70 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <5.0 | -- | -- | -- | -- |
| DESTROYED - 2006 | | | | | | | | | | | | | |
| **MW-8** | | | | | | | | | | | | | |
| 12/12/91 | 354.89 | -- | 22.54 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- |
| 06/19/92 | 354.89 | 334.42 | 20.47 | <50 | 1.2 | 1.4 | 0.5 | 2.9 | -- | -- | -- | -- | -- |
| 09/22/92 | 354.89 | 325.09 | 29.80 | 180 | 17 | 42 | 6.0 | 31 | -- | -- | -- | -- | -- |
| 12/18/92 | 354.89 | 333.71 | 21.18 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- |
| 03/10/93 | 354.89 | -- | -- | <50 | 0.8 | 2.0 | <0.5 | 2.0 | -- | -- | -- | -- | -- |
| 03/22/93 | 354.89 | 337.98 | 16.91 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 06/14/93 | 354.89 | 330.59 | 24.30 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 07/25/93 | 354.89 | 331.12 | 23.77 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- |
| 09/23/93 | 354.89 | 334.49 | 20.40 | <50 | 1.0 | 0.9 | 0.7 | 1.0 | -- | -- | -- | -- | -- |
| 12/22/93 | 354.89 | 333.97 | 20.92 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- |
| 03/21/94 | 354.89 | 334.70 | 20.19 | <50 | 0.9 | 1.5 | <0.5 | 2.0 | -- | -- | -- | -- | -- |
| 06/29/94 | 354.89 | -- | -- | <50 | <0.5 | <0.5 | <0.5 | 0.8 | -- | -- | -- | -- | -- |
| 07/06/94 | 354.89 | 333.84 | 21.05 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 09/22/94 | 354.89 | 333.05 | 21.84 | 9,600 | 1,600 | 180 | 260 | 840 | -- | -- | -- | -- | -- |
| 10/14/94 | 354.89 | 333.05 | 21.84 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- |
| 12/08/94 | 354.89 | 334.18 | 20.71 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- |
| 03/06/95 | 354.89 | 336.78 | 18.11 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- |
| 06/08/95 | 354.89 | 337.10 | 17.79 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- |
| 09/13/95 | 354.89 | 335.09 | 19.80 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- |

# Table 1

## Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-5542

7007 San Ramon Road

Dublin, California

| WELL ID/ DATE | TOC* (ft.) | GWE (msl) | DTW (ft.) | TPH-GRO (µg/L) | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) | MTBE (µg/L) | TOG (µg/L) | 1,2-DCA (µg/L) | EDB (µg/L) | HVOCs (µg/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **MW-8 (cont)** | | | | | | | | | | | | | |
| 12/16/95 | 354.89 | 334.43 | 20.46 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 | -- | -- | -- | -- |
| 03/28/96 | 354.89 | 339.47 | 15.42 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <5.0 | -- | -- | -- | -- |
| 06/27/96 | 354.89 | 335.81 | 19.08 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <5.0 | -- | -- | -- | -- |
| 09/30/96 | 360.58 | 340.28 | 20.30 | <50 | <0.5 | <0.5 | <0.5 | 0.6 | <5.0 | -- | -- | -- | -- |
| 12/30/96 | 360.58 | 341.55 | 19.03 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <5.0 | -- | -- | -- | -- |
| 03/11/97 | 360.58 | 342.17 | 18.41 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <5.0 | -- | -- | -- | -- |
| 06/10/97 | 360.58 | 340.67 | 19.91 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <5.0 | -- | -- | -- | -- |
| 10/01/97 | 360.58 | 339.87 | 20.71 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <5.0 | -- | -- | -- | -- |
| DESTROYED - 2006 | | | | | | | | | | | | | |
| **BAILER BLANK** | | | | | | | | | | | | | |
| 05/31/91 | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- |
| 06/21/91 | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- |
| 09/20/91 | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- |
| 12/19/91 | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- |
| 03/19/92 | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- |
| 06/19/92 | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- |
| 09/22/92 | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | 0.8 | -- | -- | -- | -- | -- |
| 12/21/92 | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- |
| 03/10/93 | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- |
| **TRIP BLANK** | | | | | | | | | | | | | |
| 03/22/93 | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | 0.6 | -- | -- | -- | -- | -- |
| 07/25/93 | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- |
| 09/23/93 | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- |
| 12/22/93 | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- |
| 03/21/94 | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- |
| 05/31/91 | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- |
| 06/21/91 | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- |
| 09/20/91 | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- |
| 12/19/91 | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- |
| 03/19/92 | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- |
| 06/19/92 | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- |
| 09/22/92 | -- | -- | -- | 92[14] | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- |
| 12/18/92 | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- |

# Table 1

## Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-5542

7007 San Ramon Road

Dublin, California

| WELL ID/ DATE | TOC* (ft.) | GWE (msl) | DTW (ft.) | TPH-GRO (µg/L) | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) | MTBE (µg/L) | TOG (µg/L) | 1,2-DCA (µg/L) | EDB (µg/L) | HVOCs (µg/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **TRIP BLANK (cont)** | | | | | | | | | | | | | |
| 03/10/93 | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- |
| 03/22/93 | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- |
| 07/25/93 | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- |
| 09/23/93 | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- |
| 12/22/93 | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- |
| 03/21/94 | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- |
| 06/29/94 | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- |
| 07/01/94 | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- |
| 07/06/94 | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- |
| 09/22/94 | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- |
| 12/08/94 | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- |
| 03/06/95 | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- |
| 06/08/95 | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- |
| 09/13/95 | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- |
| 12/16/95 | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 | -- | -- | -- | -- |
| 03/28/96 | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <5.0 | -- | -- | -- | -- |
| 06/27/96 | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <5.0 | -- | -- | -- | -- |
| 09/30/96 | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <5.0 | -- | -- | -- | -- |
| 12/30/96 | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <5.0 | -- | -- | -- | -- |
| 03/11/97 | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <5.0 | -- | -- | -- | -- |
| 06/10/97 | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <5.0 | -- | -- | -- | -- |
| 10/01/97 | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <5.0 | -- | -- | -- | -- |
| 12/17/97 | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 | -- | -- | -- | -- |
| 03/29/98 | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 | -- | -- | -- | -- |
| 09/12/98 | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 | -- | -- | -- | -- |
| 03/26/99 | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.0 | -- | -- | -- | -- |
| 09/29/99 | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <5.0 | -- | -- | -- | -- |
| 08/28/00 | -- | -- | -- | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <2.5 | -- | -- | -- | -- |
| 02/25/01 | -- | -- | -- | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <2.5 | -- | -- | -- | -- |
| 09/17/01 | -- | -- | -- | <50 | <0.50 | <0.50 | <0.50 | <1.5 | <2.5 | -- | -- | -- | -- |
| 03/25/02 | -- | -- | -- | <50 | <0.50 | <0.50 | <0.50 | <1.5 | <2.5 | -- | -- | -- | -- |
| 09/16/02 | -- | -- | -- | <50 | <0.50 | <0.50 | <0.50 | <1.5 | <2.5 | -- | -- | -- | -- |
| 03/18/03 | -- | -- | -- | <50 | <0.50 | <0.50 | <0.50 | <1.5 | <2.5 | -- | -- | -- | -- |
| 09/18/03[16] | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- |
| 03/24/04[16] | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- |

# Table 1

## Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-5542

7007 San Ramon Road

Dublin, California

| WELL ID/ DATE | TOC* (ft.) | GWE (msl) | DTW (ft.) | TPH-GRO (µg/L) | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) | MTBE (µg/L) | TOG (µg/L) | 1,2-DCA (µg/L) | EDB (µg/L) | HVOCs (µg/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **TRIP BLANK (cont)** | | | | | | | | | | | | | |
| 09/16/04[16] | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- |
| 03/23/05[16] | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- |
| 09/02/05[16] | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- |
| 03/24/06[16] | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- |
| 08/24/06[16] | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- |
| **QA** | | | | | | | | | | | | | |
| 12/29/06[16] | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- |
| 03/01/07[16] | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- |
| 09/06/07[16] | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- |
| 03/10/08[16] | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- |
| 09/02/08[16] | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- |
| **03/18/09[16]** | -- | -- | -- | **<50** | **<0.5** | **<0.5** | **<0.5** | **<0.5** | **<0.5** | -- | -- | -- | -- |

# Table 1

## Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-5542

7007 San Ramon Road

Dublin, California

**EXPLANATIONS:**

Groundwater monitoring and laboratory analytical results prior to August 28, 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
TPH = Total Petroleum Hydrocarbons
GRO = Gasoline Range Organics

B = Benzene
T = Toluene
E = Ethylbenzene
X = Xylenes
MTBE = Methyl tertiary butyl ether
TOG = Total Oil and Grease
1,2-DCA = 1,2-Dichloroethane

EDB = Ethylene dibromide
HVOCs = Halogenated Volatile Organic Compounds
-- = Not Measured/Not Analyzed
(D) = Duplicate
(µg/L) = Micrograms per liter
(ppb) = Parts per billion
QA = Quality Assurance/Trip Blank

* TOC elevations for MW-1, MW-4 and MW-11 were surveyed on January 3, 2007, by Virgil Chaves Land Surveying. The benchmark for this survey was a bronze disk established by the USGS, located under a manhole cover in the left turn lane in front of Mervyn's on Dublin Blvd. Benchmark Elevation = 347.622 feet (NGVD 29).

1 TOC elevation surveyed by Ron Miller, PE #15816, on January 13, 1994.

2 Monitoring well part of remediation system.

3 All other HVOCs were not detected at detection limits ranging from 0.5 to 1 ppb.

4 Sample analyzed for Volatile Organic Compounds (VOCs) by EPA method 8260. MTBE was detected at 10.1 ppb, and all other VOCs were ND ranging from <2.0 to <1000 ppb.

5 Oxygenate compounds were not detected.

6 MTBE by EPA Method 8260.

7 Chromatogram pattern indicated an unidentified hydrocarbon.

8 Chloroform and Bromodichloromethane were detected at 1.3 and 0.9 ppb, respectively. Other HVOCs were not detected at detection limits ranging from 0.5 to 1 ppb.

9 TPH-GRO and BTEX results are estimated concentrations. Due to laboratory error, sample was analyzed past the recommended holding time. (GTEL).

10 Laboratory report indicates uncategorized compound is not included in gasoline concentration.

11 Sampled analyzed for VOCs by EPA method 8260, all other results were ND ranging from <40 to <20,000 ppb.

12 Uncategorized compound not included in gasoline total.

13 Monitoring well surveyed by Ron Miller, PE #15816, on July 5, 1994.

14 Gasoline range concentration reported. The chromatogram shows only a single peak in the gasoline range.

15 Laboratory report indicates gasoline C6-C12.

16 BTEX and MTBE by EPA Method 8260.

17 Well development attempted; well dewatered.

# Table 2

## Groundwater Analytical Results - Oxygenate Compounds

Chevron Service Station #9-5542

7007 San Ramon Road

Dublin, California

| WELL ID | DATE | ETHANOL (µg/L) | TBA (µg/L) | MTBE (µg/L) | DIPE (µg/L) | ETBE (µg/L) | TAME (µg/L) |
|---|---|---|---|---|---|---|---|
| MW-1 | 03/18/03 | <50 | <5 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 09/18/03 | <200 | -- | <2 | -- | -- | -- |
| | 03/24/04 | <50 | -- | <0.5 | -- | -- | -- |
| | 09/16/04 | <130 | -- | <1 | -- | -- | -- |
| | 03/23/05 | <50 | -- | <0.5 | -- | -- | -- |
| | 09/02/05 | <50 | -- | <0.5 | -- | -- | -- |
| | 03/24/06 | <50 | -- | <0.5 | -- | -- | -- |
| | 08/24/06 | <50 | -- | <0.5 | -- | -- | -- |
| | 03/01/07 | <500 | -- | <5 | -- | -- | -- |
| | 09/06/07 | <130 | -- | <1 | -- | -- | -- |
| | 03/10/08 | <500 | -- | <5 | -- | -- | -- |
| | 09/02/08 | <250 | -- | <3 | -- | -- | -- |
| | **03/18/09** | **<250** | -- | **<3** | -- | -- | -- |
| MW-4 | 09/18/03 | <50 | -- | 1 | -- | -- | -- |
| | 03/24/04 | <100 | -- | 1 | -- | -- | -- |
| | 09/16/04 | <50 | -- | 0.7 | -- | -- | -- |
| | 03/23/05 | <50 | -- | 1 | -- | -- | -- |
| | 09/02/05 | <100 | -- | <1 | -- | -- | -- |
| | 03/24/06 | <50 | -- | 0.9 | -- | -- | -- |
| | 08/24/06 | <250 | -- | <3 | -- | -- | -- |
| | 03/01/07 | <50 | -- | <0.5 | -- | -- | -- |
| | 09/06/07 | <50 | -- | <0.5 | -- | -- | -- |
| | 03/10/08 | <50 | -- | <0.5 | -- | -- | -- |
| | 09/02/08 | <50 | -- | <0.5 | -- | -- | -- |
| | **03/18/09** | **<50** | -- | **<0.5** | -- | -- | -- |
| MW-11 | 12/29/06 | <50 | -- | <0.5 | -- | -- | -- |
| | 03/01/07 | <50 | -- | <0.5 | -- | -- | -- |
| | 09/06/07 | <50 | -- | <0.5 | -- | -- | -- |
| | 03/10/08 | <50 | -- | <0.5 | -- | -- | -- |
| | 09/02/08 | <50 | -- | <0.5 | -- | -- | -- |
| | **03/18/09** | **<50** | -- | **<0.5** | -- | -- | -- |

# Table 2

**Groundwater Analytical Results - Oxygenate Compounds**

Chevron Service Station #9-5542

7007 San Ramon Road

Dublin, California

| WELL ID | DATE | ETHANOL (µg/L) | TBA (µg/L) | MTBE (µg/L) | DIPE (µg/L) | ETBE (µg/L) | TAME (µg/L) |
|---|---|---|---|---|---|---|---|
| MW-2 | 03/18/03 | <100 | <10 | 1 | <1 | <1 | <1 |
| MW-9 | 03/18/03 | <50 | <5 | 1 | <0.5 | <0.5 | <0.5 |
| | 09/18/03 | <50 | -- | 1 | -- | -- | -- |
| | 03/24/04 | <50 | -- | 0.9 | -- | -- | -- |
| | 09/16/04 | <100 | -- | <1 | -- | -- | -- |
| | 03/23/05 | <50 | -- | 1 | -- | -- | -- |
| | 09/02/05 | <50 | -- | 0.9 | -- | -- | -- |
| | 03/24/06 | INACCESSIBLE/POSSIBLY DESTROYED | | | -- | -- | -- |
| | DESTROYED - 2006 | | | | | | |
| MW-10 | 03/18/03 | <50 | <5 | 2 | <0.5 | <0.5 | <0.5 |
| | 09/18/03 | <50 | -- | 2 | -- | -- | -- |
| | 03/24/04 | <50 | -- | 0.5 | -- | -- | -- |
| | 09/16/04 | <50 | -- | 0.9 | -- | -- | -- |
| | 03/23/05 | <50 | -- | 0.7 | -- | -- | -- |
| | 09/02/05 | <50 | -- | 0.8 | -- | -- | -- |
| | 03/24/06 | INACCESSIBLE/POSSIBLY DESTROYED | | | -- | -- | -- |
| | DESTROYED - 2006 | | | | | | |

# Table 2

## Groundwater Analytical Results - Oxygenate Compounds

Chevron Service Station #9-5542

7007 San Ramon Road

Dublin, 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
(D) = Duplicate
-- = Not Analyzed

**ANALYTICAL METHOD:**

EPA Method 8260 for Oxygenate Compounds

# STANDARD OPERATING PROCEDURE - GROUNDWATER SAMPLING

Gettler-Ryan Inc. field personnel adhere to the following procedures for the collection and handling of groundwater samples prior to analysis by the analytical laboratory. Prior to sample collection, the type of analysis to be performed is determined. Loss prevention of volatile compounds is controlled and sample preservation for subsequent analysis is maintained.

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, suction, Grundfos), or disposable bailers. Temperature, pH and electrical conductivity are measured a minimum of three times during the purging. 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 possible. 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. 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. For sampling sets greater than 20 samples, 5% trip blanks are included. 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 #9-5542 Job Number: 385290
Site Address: 7007 San Ramon Valley Rd Event Date: 3/18/09 (inclusive)
City: Dublin, CA Sampler: KE

Well ID MW-1 Date Monitored: 3/18/09
Well Diameter 2 (4) in.
Total Depth 47.81 ft.
Depth to Water 23.40 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 |

24.41 xVF .66 = 16.1 x3 case volume = Estimated Purge Volume: 48 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 28.28

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

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

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

Start Time (purge): 0900 Weather Conditions: Foggy
Sample Time/Date: 0925 / 3/18/09 Water Color: Clear Odor (Y) N Strong
Approx. Flow Rate: 3 gpm. Sediment Description: Clear
Did well de-water? NO If yes, Time: — Volume: — gal. DTW @ Sampling: 27.96

| Time (2400 hr.) | Volume (gal.) | pH | Conductivity (µmhos/cm (µS)) | Temperature (C / F) | D.O. (mg/L) | ORP (mV) |
|---|---|---|---|---|---|---|
| 0905 | 15 | 6.90 | 1176 | 17.8 | | |
| 0910 | ~~30~~ | 6.83 | 1204 | 18.7 | | |
| 0916 | ~~49~~ | 6.76 | 1217 | 19.0 | | |
| | | | | | | |

### LABORATORY INFORMATION

| SAMPLE ID | (#) CONTAINER | REFRIG. | PRESERV. TYPE | LABORATORY | ANALYSES |
|---|---|---|---|---|---|
| MW-1 | 6 x voa vial | YES | HCL | LANCASTER | TPH-GRO(8015)/BTEX+MTBE(8260)/ ETHANOL (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 #9-5542 Job Number: 385290
Site Address: 7007 San Ramon Valley Rd Event Date: 3/18/09 (inclusive)
City: Dublin, CA Sampler: KE

Well ID MW-4 Date Monitored: 3/18/09
Well Diameter (2) 4 in.
Total Depth 35.93 ft.
Depth to Water 22.51 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.

13.42 xVF .17 = 2.2 x3 case volume = Estimated Purge Volume: 6.8 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 25.19

**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): 0815 Weather Conditions: Foggy
Sample Time/Date: 0835 / 3/18/09 Water Color: Clear Odor: Y / N moderate
Approx. Flow Rate: - gpm. Sediment Description: Clear
Did well de-water? no If yes, Time: - Volume: - gal. DTW @ Sampling: 22.83

| Time (2400 hr.) | Volume (gal.) | pH | Conductivity (µmhos/cm - µS) | Temperature (C / F) | D.O. (mg/L) | ORP (mV) |
|---|---|---|---|---|---|---|
| 0818 | 3 | 6.85 | 1228 | 18.0 | | |
| 0820 | 5 | 6.81 | 1214 | 19.2 | | |
| 0822 | 7 | 6.77 | 1210 | 19.6 | | |
| | | | | | | |

### LABORATORY INFORMATION

| SAMPLE ID | (#) CONTAINER | REFRIG. | PRESERV. TYPE | LABORATORY | ANALYSES |
|---|---|---|---|---|---|
| MW-4 | 6 x voa vial | YES | HCL | LANCASTER | TPH-GRO(8015)/BTEX+MTBE(8260)/ ETHANOL (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 #9-5542 | Job Number: 385290
Site Address: 7007 San Ramon Valley Rd | Event Date: 3/18/09 (inclusive)
City: Dublin, CA | Sampler: KE

Well ID: MW-11
Well Diameter: (2) 4 in.
Total Depth: 55.95 ft.
Depth to Water: 20.63 ft.
Date Monitored: 3/18/09

| 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.

35.52 xVF .17 = 5.8 x3 case volume = Estimated Purge Volume: 17.6 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 27.83

**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): 1015 | Weather Conditions: Partly Cloudy
Sample Time/Date: 1225 / 3/18/09 | Water Color: Clear | Odor: Y / (N)
Approx. Flow Rate: 2 gpm. | Sediment Description: Clear
Did well de-water? Yes If yes, Time: 1019 Volume: 7 gal. DTW @ Sampling: 36.75

| Time (2400 hr.) | Volume (gal.) | pH | Conductivity (µmhos/cm (µS)) | Temperature (C / F) | D.O. (mg/L) | ORP (mV) |
|---|---|---|---|---|---|---|
| 1018 | 6 | 7.14 | 849 | 20.4 | | |
| 1021 | 12 | | | | | |
| 1024 | 18 | | | | | |
| | | | | | | |

### LABORATORY INFORMATION

| SAMPLE ID | (#) CONTAINER | REFRIG. | PRESERV. TYPE | LABORATORY | ANALYSES |
|---|---|---|---|---|---|
| MW-11 | 6 x voa vial | YES | HCL | LANCASTER | TPH-GRO(8015)/BTEX+MTBE(8260)/ ETHANOL (8260) |
| | | | | | |
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COMMENTS: Slow recharge waited 2 hrs Sample taken

Add/Replaced Lock: X | Add/Replaced Plug: X2 | Add/Replaced Bolt: ____

# Chevron California Region Analysis Request/Chain of Custody

Lancaster Laboratories

031809-04

For Lancaster Laboratories use only
Acct. #: 12099 Sample # 562101105-68 Group #: 016658
Group# 1136805

CRA MTI Project #: 61H-1969

Facility #: SS#9-5542 G-R#385290 Global ID#T0600100354
Site Address: 7007 SAN RAMON ROAD, DUBLIN, 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: Kyle Erbland

| Sample Identification | Date Collected | Time Collected | Grab | Composite | Matrix: Soil | Matrix: Water (Potable ☐ NPDES ☐) | Matrix: Oil ☐ Air | Total Number of Containers | Analyses Requested / Preservation Codes: BTEX + MTBE 8260 ☒ 8021 ☐ | TPH 8015 MOD GRO | TPH 8015 MOD DRO ☐ Silica Gel Cleanup | 8260 full scan | Oxygenates ____ Method ____ | Total Lead Method ____ | Dissolved Lead Method ____ | Ethanol (8260) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| COC | 3/18/09 | | X | | | X | | 2 | X | X | | | | | | |
| mw-1 | | 0925 | X | | | X | | 6 | X | X | | | | | | X |
| mw-4 | | 0835 | X | | | X | | 6 | X | X | | | | | | X |
| mw-11 | ↓ | 1225 | X | | | X | | 6 | X | X | | | | | | X |

**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)
QC Summary | Type I - Full
Type VI (Raw Data) | ☐ Coelt Deliverable not needed
WIP (RWQCB)
Disk
EDF/EDD

| | Date | Time | | Date | Time |
|---|---|---|---|---|---|
| Relinquished by: | 3/18/09 | 1424 | Received by: A. Aslayan 18MAR09 | | 1426 |
| Relinquished by: A. Aslayan 18MAR09 | | 1630 | Received by: FEDEX | | |
| Relinquished by: | | | Received by: | | |
| Relinquished by Commercial Carrier: UPS FedEx Other | | | Received by: | 3/18/09 | 0910 |
| Temperature Upon Receipt 16-3.1 C° | | | Custody Seals Intact? Yes No | | |

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

SAMPLE GROUP

The sample group for this submittal is 1136805. Samples arrived at the laboratory on Thursday, March 19, 2009. The PO# for this group is 95542 and the release number is MTI.

| Client Description | Lancaster Labs Number |
|---|---|
| QA-T-090318 NA Water | 5626165 |
| MW-1-W-090318 Grab Water | 5626166 |
| MW-4-W-090318 Grab Water | 5626167 |
| MW-11-W-090318 Grab Water | 5626168 |

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,

Barbara F. Reedy
Senior Specialist

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



**Lancaster Laboratories Sample No. WW5626165** **Group No. 1136805**

**QA-T-090318 NA Water**
**Facility# 95542 Job# 385290 MTI# 61H-1969 GRD**
**7007 San Ramon-Dublin T0600100354 QA**
Collected:03/18/2009

Account Number: 12099

Submitted: 03/19/2009 09:10
Reported: 03/27/2009 at 13:07
Discard: 04/27/2009

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

DUBQA

| CAT No. | Analysis Name | CAS Number | As Received Result | As Received Method Detection Limit | Units | Dilution Factor |
|---|---|---|---|---|---|---|
| 01728 | TPH-GRO N. CA water C6-C12 | n.a. | N.D. | 50 | ug/l | 1 |
| 06054 | BTEX+MTBE by 8260B | | | | | |
| 02010 | Methyl Tertiary Butyl Ether | 1634-04-4 | N.D. | 0.5 | ug/l | 1 |
| 05401 | Benzene | 71-43-2 | N.D. | 0.5 | ug/l | 1 |
| 05407 | Toluene | 108-88-3 | N.D. | 0.5 | ug/l | 1 |
| 05415 | Ethylbenzene | 100-41-4 | N.D. | 0.5 | ug/l | 1 |
| 06310 | Xylene (Total) | 1330-20-7 | N.D. | 0.5 | ug/l | 1 |

State of California Lab Certification No. 2116

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

## Laboratory Chronicle

| CAT No. | Analysis Name | Method | Trial# | Analysis Date and Time | Analyst | Dilution Factor |
|---|---|---|---|---|---|---|
| 01728 | TPH-GRO N. CA water C6-C12 | SW-846 8015B | 1 | 03/24/2009 17:30 | Carrie E Youtzy | 1 |
| 06054 | BTEX+MTBE by 8260B | SW-846 8260B | 1 | 03/24/2009 06:31 | Michael A Ziegler | 1 |
| 01146 | GC VOA Water Prep | SW-846 5030B | 1 | 03/24/2009 17:30 | Carrie E Youtzy | 1 |
| 01163 | GC/MS VOA Water Prep | SW-846 5030B | 1 | 03/24/2009 06:31 | Michael A Ziegler | 1 |

Lancaster Laboratories

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# Analysis Report



**Lancaster Laboratories Sample No. WW5626166** **Group No. 1136805**

**MW-1-W-090318 Grab Water**
**Facility# 95542 Job# 385290 MTI# 61H-1969 GRD**
**7007 San Ramon-Dublin T0600100354 MW-1**
Collected:03/18/2009 09:25 by KE

Account Number: 12099

Submitted: 03/19/2009 09:10
Reported: 03/27/2009 at 13:07
Discard: 04/27/2009

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

DUBM1

| CAT No. | Analysis Name | CAS Number | As Received Result | As Received Method Detection Limit | Units | Dilution Factor |
|---|---|---|---|---|---|---|
| 01728 | TPH-GRO N. CA water C6-C12 | n.a. | 35,000 | 1,000 | ug/l | 20 |
| 06067 | BTEX, MTBE, ETOH | | | | | |
| 01587 | Ethanol | 64-17-5 | N.D. | 250 | ug/l | 5 |
| 02010 | Methyl Tertiary Butyl Ether | 1634-04-4 | N.D. | 3 | ug/l | 5 |
| 05401 | Benzene | 71-43-2 | 1,200 | 25 | ug/l | 50 |
| 05407 | Toluene | 108-88-3 | 6,400 | 25 | ug/l | 50 |
| 05415 | Ethylbenzene | 100-41-4 | 1,400 | 25 | ug/l | 50 |
| 06310 | Xylene (Total) | 1330-20-7 | 5,800 | 25 | ug/l | 50 |

State of California Lab Certification No. 2116

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

## Laboratory Chronicle

| CAT No. | Analysis Name | Method | Trial# | Analysis Date and Time | Analyst | Dilution Factor |
|---|---|---|---|---|---|---|
| 01728 | TPH-GRO N. CA water C6-C12 | SW-846 8015B | 1 | 03/24/2009 18:31 | Carrie E Youtzy | 20 |
| 06067 | BTEX, MTBE, ETOH | SW-846 8260B | 1 | 03/24/2009 03:49 | Michael A Ziegler | 5 |
| 06067 | BTEX, MTBE, ETOH | SW-846 8260B | 1 | 03/24/2009 04:14 | Michael A Ziegler | 50 |
| 01146 | GC VOA Water Prep | SW-846 5030B | 1 | 03/24/2009 18:31 | Carrie E Youtzy | 20 |
| 01163 | GC/MS VOA Water Prep | SW-846 5030B | 1 | 03/24/2009 03:49 | Michael A Ziegler | 5 |
| 01163 | GC/MS VOA Water Prep | SW-846 5030B | 2 | 03/24/2009 04:14 | Michael A Ziegler | 50 |

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# Analysis Report



**Lancaster Laboratories Sample No. WW5626167** **Group No. 1136805**

**MW-4-W-090318 Grab Water**
**Facility# 95542 Job# 385290 MTI# 61H-1969 GRD**
**7007 San Ramon-Dublin T0600100354 MW-4**
Collected:03/18/2009 08:35 by KE

Account Number: 12099

Submitted: 03/19/2009 09:10
Reported: 03/27/2009 at 13:07
Discard: 04/27/2009

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

DUBM4

| CAT No. | Analysis Name | CAS Number | As Received Result | As Received Method Detection Limit | Units | Dilution Factor |
|---|---|---|---|---|---|---|
| 01728 | TPH-GRO N. CA water C6-C12 | n.a. | 3,900 | 50 | ug/l | 1 |
| 06067 | BTEX, MTBE, ETOH | | | | | |
| 01587 | Ethanol | 64-17-5 | N.D. | 50 | ug/l | 1 |
| 02010 | Methyl Tertiary Butyl Ether | 1634-04-4 | N.D. | 0.5 | ug/l | 1 |
| 05401 | Benzene | 71-43-2 | 46 | 0.5 | ug/l | 1 |
| 05407 | Toluene | 108-88-3 | 4 | 0.5 | ug/l | 1 |
| 05415 | Ethylbenzene | 100-41-4 | 190 | 0.5 | ug/l | 1 |
| 06310 | Xylene (Total) | 1330-20-7 | 450 | 0.5 | ug/l | 1 |

State of California Lab Certification No. 2116

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

## Laboratory Chronicle

| CAT No. | Analysis Name | Method | Trial# | Analysis Date and Time | Analyst | Dilution Factor |
|---|---|---|---|---|---|---|
| 01728 | TPH-GRO N. CA water C6-C12 | SW-846 8015B | 1 | 03/24/2009 19:01 | Carrie E Youtzy | 1 |
| 06067 | BTEX, MTBE, ETOH | SW-846 8260B | 1 | 03/24/2009 04:38 | Michael A Ziegler | 1 |
| 01146 | GC VOA Water Prep | SW-846 5030B | 1 | 03/24/2009 19:01 | Carrie E Youtzy | 1 |
| 01163 | GC/MS VOA Water Prep | SW-846 5030B | 1 | 03/24/2009 04:38 | Michael A Ziegler | 1 |

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# Analysis Report



**Lancaster Laboratories Sample No. WW5626168** **Group No. 1136805**

**MW-11-W-090318 Grab Water**
**Facility# 95542 Job# 385290 MTI# 61H-1969 GRD**
**7007 San Ramon-Dublin T0600100354 MW-11**
Collected:03/18/2009 12:25 by KE

Account Number: 12099

Submitted: 03/19/2009 09:10
Reported: 03/27/2009 at 13:07
Discard: 04/27/2009

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

DUB11

| CAT No. | Analysis Name | CAS Number | As Received Result | As Received Method Detection Limit | Units | Dilution Factor |
|---|---|---|---|---|---|---|
| 01728 | TPH-GRO N. CA water C6-C12 | n.a. | N.D. | 50 | ug/l | 1 |
| 06067 | BTEX, MTBE, ETOH | | | | | |
| 01587 | Ethanol | 64-17-5 | N.D. | 50 | ug/l | 1 |
| 02010 | Methyl Tertiary Butyl Ether | 1634-04-4 | N.D. | 0.5 | ug/l | 1 |
| 05401 | Benzene | 71-43-2 | N.D. | 0.5 | ug/l | 1 |
| 05407 | Toluene | 108-88-3 | 0.5 | 0.5 | ug/l | 1 |
| 05415 | Ethylbenzene | 100-41-4 | N.D. | 0.5 | ug/l | 1 |
| 06310 | Xylene (Total) | 1330-20-7 | N.D. | 0.5 | ug/l | 1 |

State of California Lab Certification No. 2116

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

## Laboratory Chronicle

| CAT No. | Analysis Name | Method | Trial# | Analysis Date and Time | Analyst | Dilution Factor |
|---|---|---|---|---|---|---|
| 01728 | TPH-GRO N. CA water C6-C12 | SW-846 8015B | 1 | 03/23/2009 23:57 | Marie D John | 1 |
| 06067 | BTEX, MTBE, ETOH | SW-846 8260B | 1 | 03/24/2009 05:28 | Michael A Ziegler | 1 |
| 01146 | GC VOA Water Prep | SW-846 5030B | 1 | 03/23/2009 23:57 | Marie D John | 1 |
| 01163 | GC/MS VOA Water Prep | SW-846 5030B | 1 | 03/24/2009 05:28 | Michael A Ziegler | 1 |

Lancaster Laboratories

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# Analysis Report



## Quality Control Summary

Client Name: Chevron c/o CRA
Reported: 03/27/09 at 01:07 PM

Group Number: 1136805

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: 09082A15A | Sample number(s): 5626168 | | | | | | | |
| TPH-GRO N. CA water C6-C12 | N.D. | 50. | ug/l | 127 | 127 | 75-135 | 0 | 30 |
| Batch number: 09083A15A | Sample number(s): 5626165-5626167 | | | | | | | |
| TPH-GRO N. CA water C6-C12 | N.D. | 50. | ug/l | 127 | 118 | 75-135 | 7 | 30 |
| Batch number: Z090823AA | Sample number(s): 5626165 | | | | | | | |
| Methyl Tertiary Butyl Ether | N.D. | 0.5 | ug/l | 101 | | 78-117 | | |
| Benzene | N.D. | 0.5 | ug/l | 98 | | 80-116 | | |
| Toluene | N.D. | 0.5 | ug/l | 107 | | 80-115 | | |
| Ethylbenzene | N.D. | 0.5 | ug/l | 106 | | 80-113 | | |
| Xylene (Total) | N.D. | 0.5 | ug/l | 104 | | 81-114 | | |
| Batch number: Z090824AA | Sample number(s): 5626166-5626168 | | | | | | | |
| Ethanol | N.D. | 50. | ug/l | 97 | | 40-158 | | |
| Methyl Tertiary Butyl Ether | N.D. | 0.5 | ug/l | 100 | | 78-117 | | |
| Benzene | N.D. | 0.5 | ug/l | 98 | | 80-116 | | |
| Toluene | N.D. | 0.5 | ug/l | 105 | | 80-115 | | |
| Ethylbenzene | N.D. | 0.5 | ug/l | 104 | | 80-113 | | |
| Xylene (Total) | N.D. | 0.5 | ug/l | 102 | | 81-114 | | |

### 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: 09082A15A | Sample number(s): 5626168 UNSPK: P626171 | | | | | | | | |
| TPH-GRO N. CA water C6-C12 | 118 | | 63-154 | | | | | | |
| Batch number: 09083A15A | Sample number(s): 5626165-5626167 UNSPK: P626404 | | | | | | | | |
| TPH-GRO N. CA water C6-C12 | 145 | | 63-154 | | | | | | |
| Batch number: Z090823AA | Sample number(s): 5626165 UNSPK: P625040 | | | | | | | | |
| Methyl Tertiary Butyl Ether | 109 | 109 | 72-126 | 1 | 30 | | | | |
| Benzene | 107 | 107 | 80-126 | 0 | 30 | | | | |
| Toluene | 116 | 114 | 80-125 | 2 | 30 | | | | |
| Ethylbenzene | 115 | 114 | 77-125 | 1 | 30 | | | | |
| Xylene (Total) | 113 | 113 | 79-125 | 0 | 30 | | | | |
| Batch number: Z090824AA | Sample number(s): 5626166-5626168 UNSPK: P626269 | | | | | | | | |
| Ethanol | 82 | 93 | 37-164 | 12 | 30 | | | | |

*- 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: 03/27/09 at 01:07 PM

Group Number: 1136805

### 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 |
|---|---|---|---|---|---|---|---|---|---|
| Methyl Tertiary Butyl Ether | 103 | 101 | 72-126 | 1 | 30 | | | | |
| Benzene | 106 | 104 | 80-126 | 2 | 30 | | | | |
| Toluene | 113 | 109 | 80-125 | 4 | 30 | | | | |
| Ethylbenzene | 113 | 110 | 77-125 | 3 | 30 | | | | |
| Xylene (Total) | 109 | 106 | 79-125 | 3 | 30 | | | | |

### Surrogate Quality Control

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

Analysis Name: TPH-GRO N. CA water C6-C12
Batch number: 09082A15A

| | Trifluorotoluene-F |
|---|---|
| 5626168 | 102 |
| Blank | 111 |
| LCS | 110 |
| LCSD | 111 |
| MS | 114 |
| Limits: | 63-135 |

Analysis Name: TPH-GRO N. CA water C6-C12
Batch number: 09083A15A

| | Trifluorotoluene-F |
|---|---|
| 5626165 | 110 |
| 5626166 | 114 |
| 5626167 | 135 |
| Blank | 111 |
| LCS | 115 |
| LCSD | 111 |
| MS | 97 |
| Limits: | 63-135 |

Analysis Name: BTEX+MTBE by 8260B
Batch number: Z090823AA

| | Dibromofluoromethane | 1,2-Dichloroethane-d4 | Toluene-d8 | 4-Bromofluorobenzene |
|---|---|---|---|---|
| 5626165 | 89 | 89 | 99 | 88 |
| Blank | 86 | 86 | 99 | 87 |
| LCS | 86 | 88 | 98 | 91 |
| MS | 85 | 86 | 98 | 92 |
| MSD | 86 | 86 | 98 | 91 |
| Limits: | 80-116 | 77-113 | 80-113 | 78-113 |

Analysis Name: BTEX, MTBE, ETOH

*- 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

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# Analysis Report



## Quality Control Summary

Client Name: Chevron c/o CRA
Reported: 03/27/09 at 01:07 PM

Group Number: 1136805

### Surrogate Quality Control

Batch number: Z090824AA

| | Dibromofluoromethane | 1,2-Dichloroethane-d4 | Toluene-d8 | 4-Bromofluorobenzene |
|---|---|---|---|---|
| 5626166 | 92 | 92 | 111 | 100 |
| 5626167 | 91 | 91 | 112 | 100 |
| 5626168 | 93 | 94 | 110 | 96 |
| Blank | 91 | 94 | 109 | 95 |
| LCS | 92 | 95 | 108 | 98 |
| MS | 92 | 94 | 108 | 99 |
| MSD | 90 | 95 | 108 | 98 |
| Limits: | 80-116 | 77-113 | 80-113 | 78-113 |

*- 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.