**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

October 15, 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 *Second Semi-Annual 2009 Groundwater Monitoring Report*_____ and dated October 15, 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

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

October 15, 2009 Reference No. 611969

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

Re: Second Semi-Annual 2009 Groundwater Monitoring Report
Chevron Service Station No. 9-5542
7007 San Ramon Road
Dublin, California
LOP Case #RO0000206

Dear Mr. Khatri:

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 September 23, 2009) presents the results of the second semi-annual 2009 monitoring event (Attachment A). 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 second semi-annual 2009 analytical results along with a rose diagram. The monitoring results for 2009 are presented below. As requested by ACEH, gauging of wells MW-2 and MW-3 was resumed in order to prepare a groundwater potentiometric map; which is included as Figure 1 of Attachment A.

During 2009, petroleum hydrocarbon concentrations in the site wells generally were similar to or less than those observed during 2008. Elevated concentrations of total petroleum hydrocarbons as gasoline (TPHg) (35,000 micrograms per liter [µg/L] and 8,700 µg/L) and benzene (1,200 µg/L and 410 µg/L) were detected in well MW-1 during 2009; elevated concentrations of toluene (up to 6,400 µg/L), ethylbenzene (up to 1,400 µg/L), and xylenes (up to 5,800 µg/L) were also detected. The TPHg and benzene, toluene, ethylbenzene, and xylenes (BTEX) concentrations in well MW-1 were consistent with historical fluctuations. Although significant fluctuations have occurred in well MW-1, concentrations have significantly decreased over the years. Lower concentrations of TPHg (3,900 µg/L and 1,600 µg/L) and BTEX (benzene up to 46 µg/L) were detected in well MW-4 during 2009. Concentrations in well MW-4 have significantly decreased since the start of monitoring. TPHg and BTEX generally were not detected in well MW-11 during 2009, with the exception of low concentrations of toluene (0.5 µg/L) during both events, and a low concentration of xylenes (0.7 µg/L) during the September event. TPHg generally has not been detected in well MW-11, and only low concentrations of BTEX have periodically been detected. Methyl tertiary butyl ether (MTBE)

was not detected in any of the three wells during 2009, and has not been detected for at least several years.

Based on the analytical results, impacted groundwater remains beneath the site in the area of wells MW-1 and MW-4 adjacent to and downgradient of the former underground storage tanks (USTs), respectively. Based on the data from well MW-11, and data from previous borings and wells, the extent of impacted groundwater appears to have been adequately defined, the plume appears stable, and concentrations are generally decreasing. CRA recommends continued monitoring and sampling to further evaluate groundwater quality and concentration trends.

Please contact Mr. James Kiernan at (916) 889-8917 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. 9/30/11
CIVIL
STATE OF CALIFORNIA

KR/jt/6
Encl.

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

cc: Ms. Stacie Frerichs, Chevron Environmental Management Company
Mr. T.W. Johnson
Ms Mary Diamond, See's Candy Shops, Inc.

FIGURES

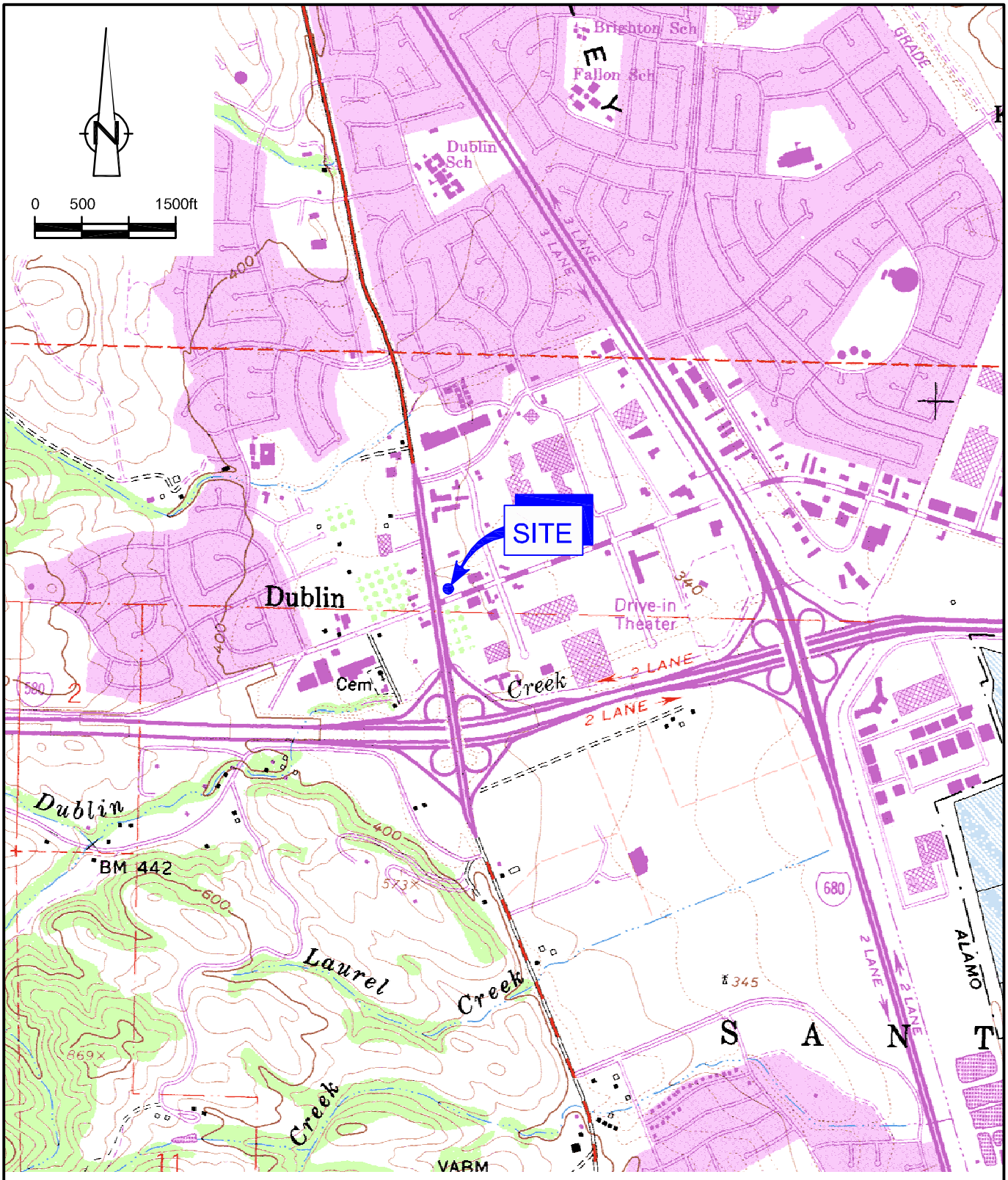
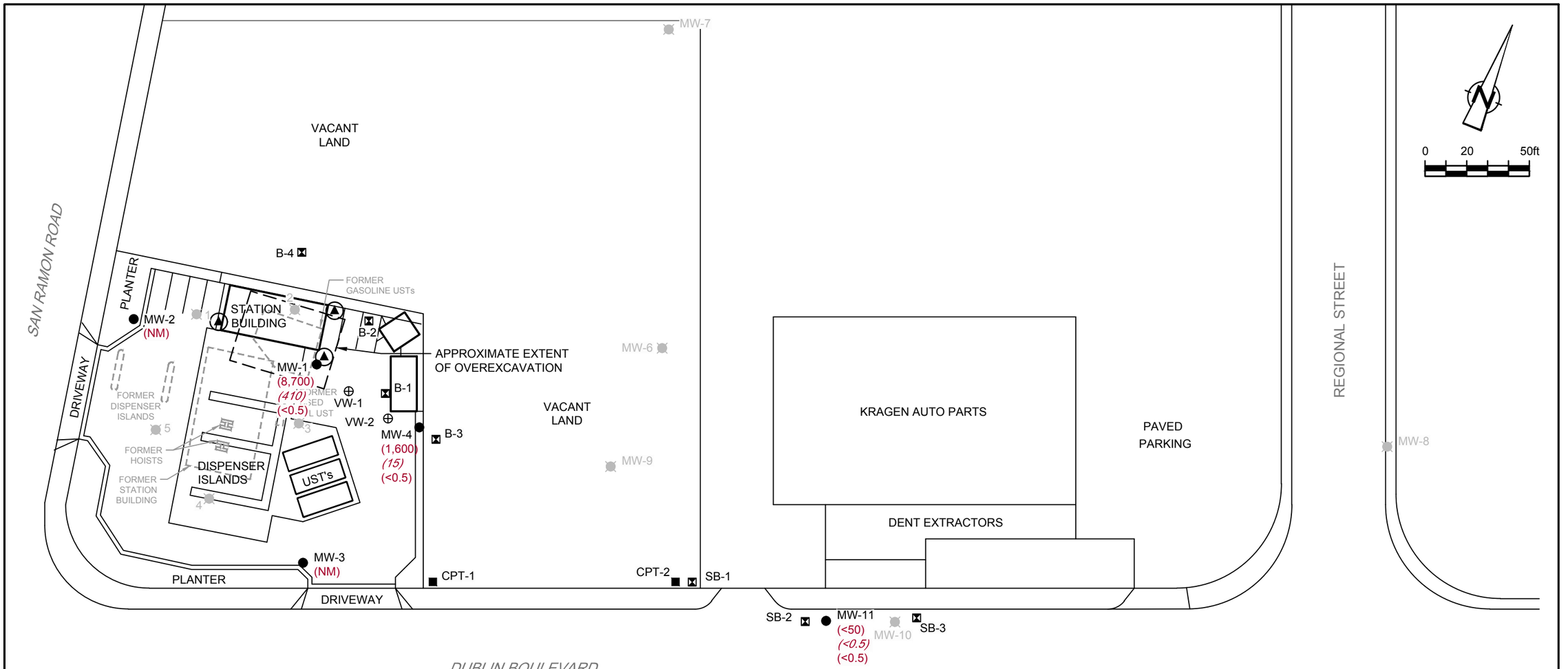



figure 1

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

SOURCE: TOPO! MAPS




LEGEND

- PROPOSED SOIL VAPOR WELL LOCATION
- MW-6 DESTROYED WELL LOCATION
- MW-1 MONITORING WELL LOCATION
- SB-1 SOIL BORING/GEOPROBE WATER SAMPLE LOCATION
- VW-1 VADOSE MONITORING WELL LOCATION
- CPT-1 CPT BORING LOCATION
- (440) TPHg CONCENTRATION (ug/L)
- *(0.9)* BENZENE CONCENTRATION (ug/L)
- (18) MTBE CONCENTRATION (ug/L)
- (NM) NOT MONITORED
- (PO) PAVED OVER

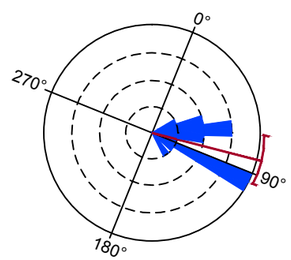



figure 2

CONCENTRATION MAP - SEPTEMBER 1, 2009
CHEVRON SERVICE STATION 9-5542
7007 SAN RAMON ROAD
*Dublin, California*

611969-199(006)GN-WA002 OCT 14/2009

ATTACHMENT A

GROUNDWATER MONITORING AND SAMPLING REPORT

# GETTLER-RYAN INC.

## TRANSMITTAL

September 28, 2009
G-R #385290

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

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

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

WE HAVE ENCLOSED THE FOLLOWING:

| COPIES | DATED | DESCRIPTION |
|---|---|---|
| 2 | September 23, 2009 | Groundwater Monitoring and Sampling Report<br>**Second Semi-Annual Event of September 1, 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 ***October 12, 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


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

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

September 28, 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 September 28, 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,

SH Frerichs

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: 9/1/09
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 | Boart Longyear/8/3 | no |
| mw-2 | | | | 2(S) | | | | y | y | morrisson/8/2 | |
| mw-3 | | | | 2(S) | | | | y | y | morrisson/8/2 | |
| mw-4 | | | | OK | | | | n | n | " " | |
| mw-11 | | m | | | | | | n | n | " " | |
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Comments

# GETTLER-RYAN INC.

September 23, 2009
G-R Job #385290

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

**RE: Second Semi-Annual Event of September 1, 2009**
Groundwater Monitoring & Sampling Report
Chevron Service Station #9-5542
7007 San Ramon Road
Dublin, California

Dear Ms. Frerichs:

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

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

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

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

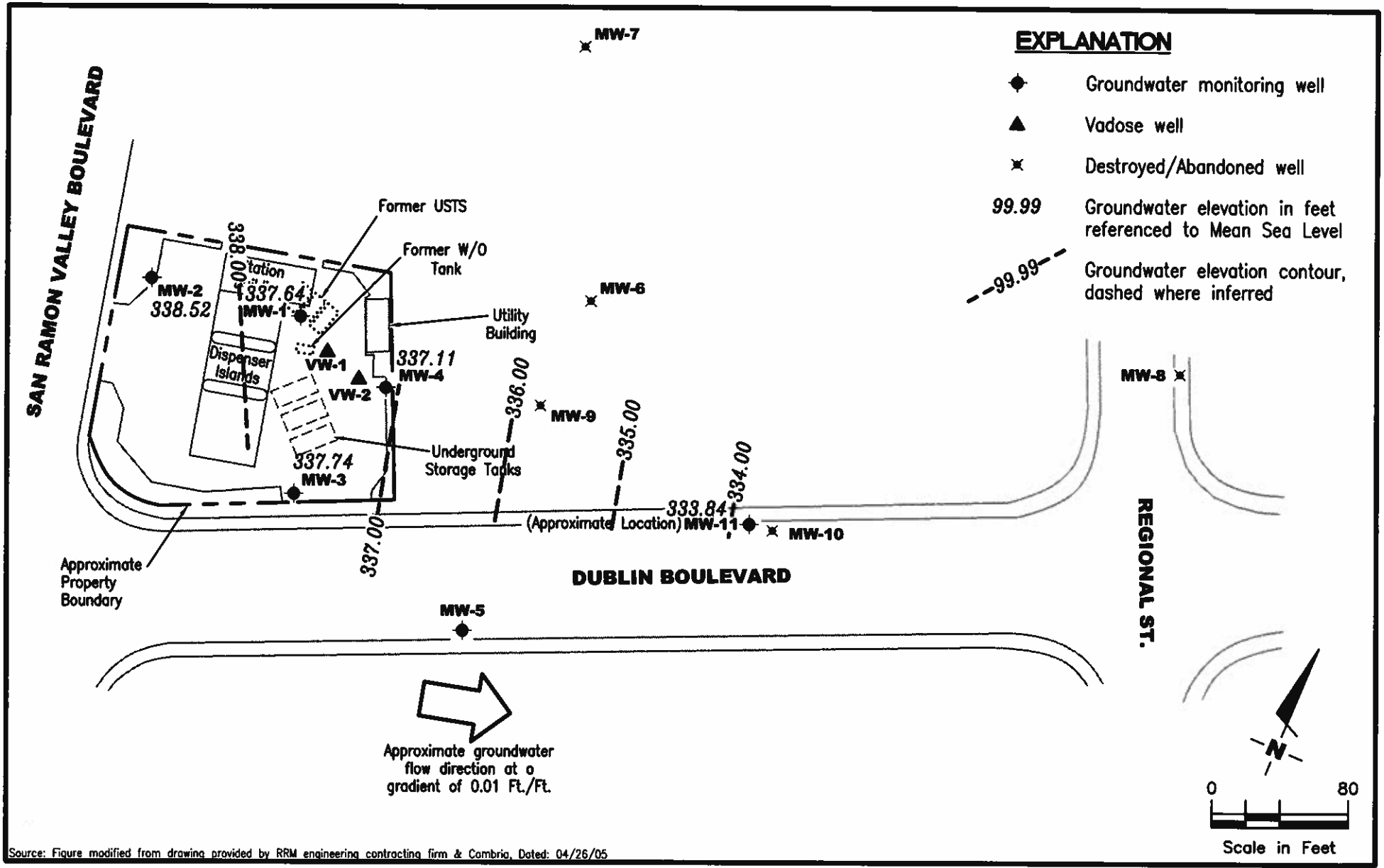
Sincerely,

Deanna L. Harding
Project Coordinator

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

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

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




Source: Figure modified from drawing provided by RRM engineering contracting firm & 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 | | September 1, 2009 | |

FILE NAME: P:\Enviro\Chevron\9-5542\009-9-5542.DWG | Layout Tab: Pot3

# 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 | -- | -- | -- | -- |
| **09/01/09[16]** | **364.32** | **337.64** | **26.68** | **8,700** | **410** | **1,100** | **390** | **1,400** | **<0.5** | -- | -- | -- | -- |

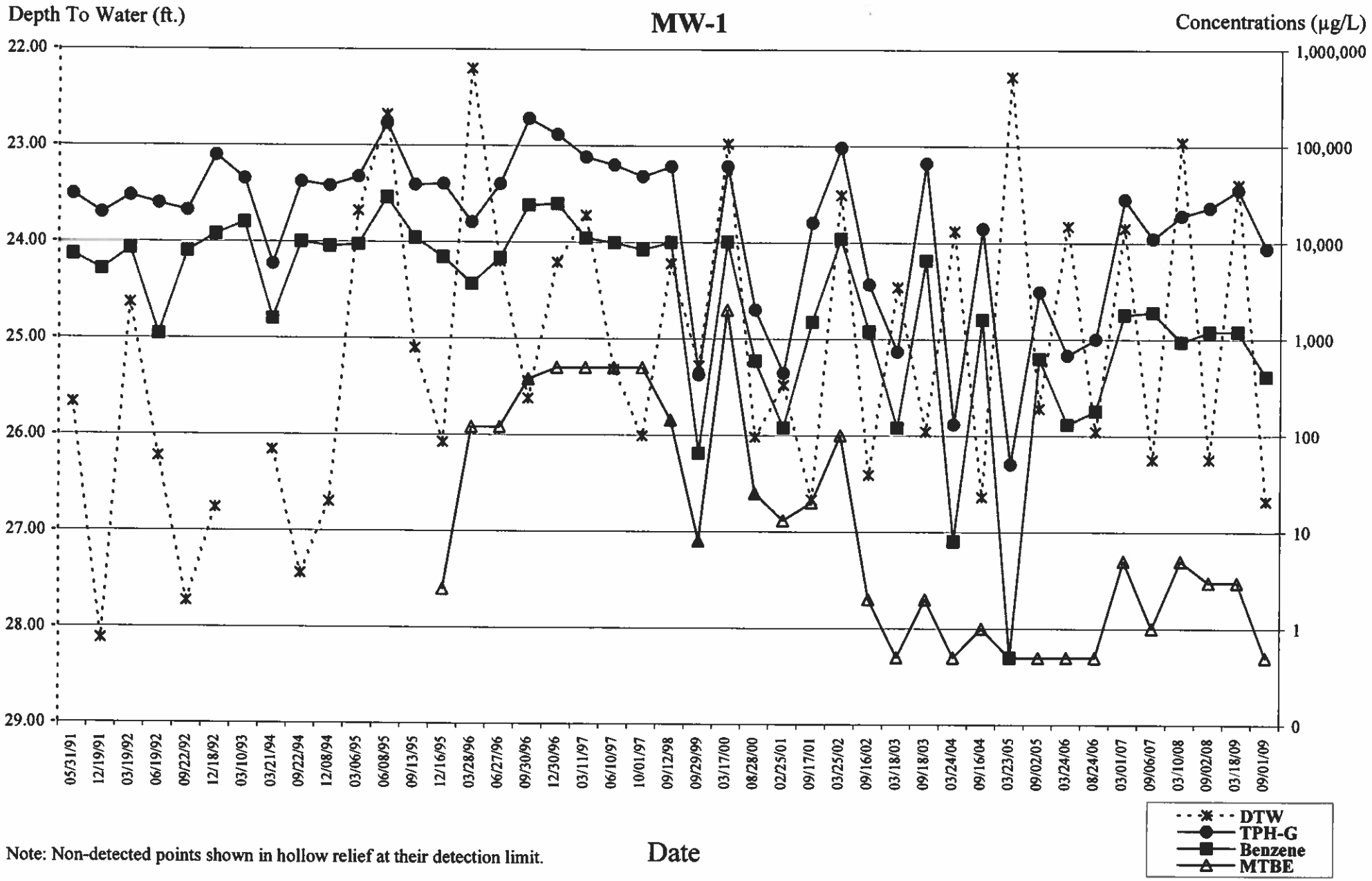
# Table 1

**Groundwater Monitoring Data and Analytical Results**

Chevron Service Station #9-5542

7007 San Ramon Valley Boulevard

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-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 | -- | -- | -- | -- |

# 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)** | | | | | | | | | | | | | |
| 03/29/98 | 364.64 | 344.30 | 20.34 | 110 | 20 | 12 | 4.3 | 14 | 5.4 | -- | -- | -- | -- |
| 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 | | | | | | | | | | | | | |
| **09/01/09** | **364.64** | **338.52** | **26.12** | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| **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 | -- | -- | -- | -- |

# 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)** | | | | | | | | | | | | | |
| 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 | -- | -- | -- | -- |
| 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 | | | | | | | | | | | | | |
| **09/01/09** | **362.26** | **337.74** | **24.52** | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| **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 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

# 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)** | | | | | | | | | | | | | |
| 09/22/94 | 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 | | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 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 | -- | -- | -- | -- |
| **09/01/09[16]** | **362.88** | **337.11** | **25.77** | **1,600** | **15** | **0.9** | **84** | **88** | **<0.5** | -- | -- | -- | -- |

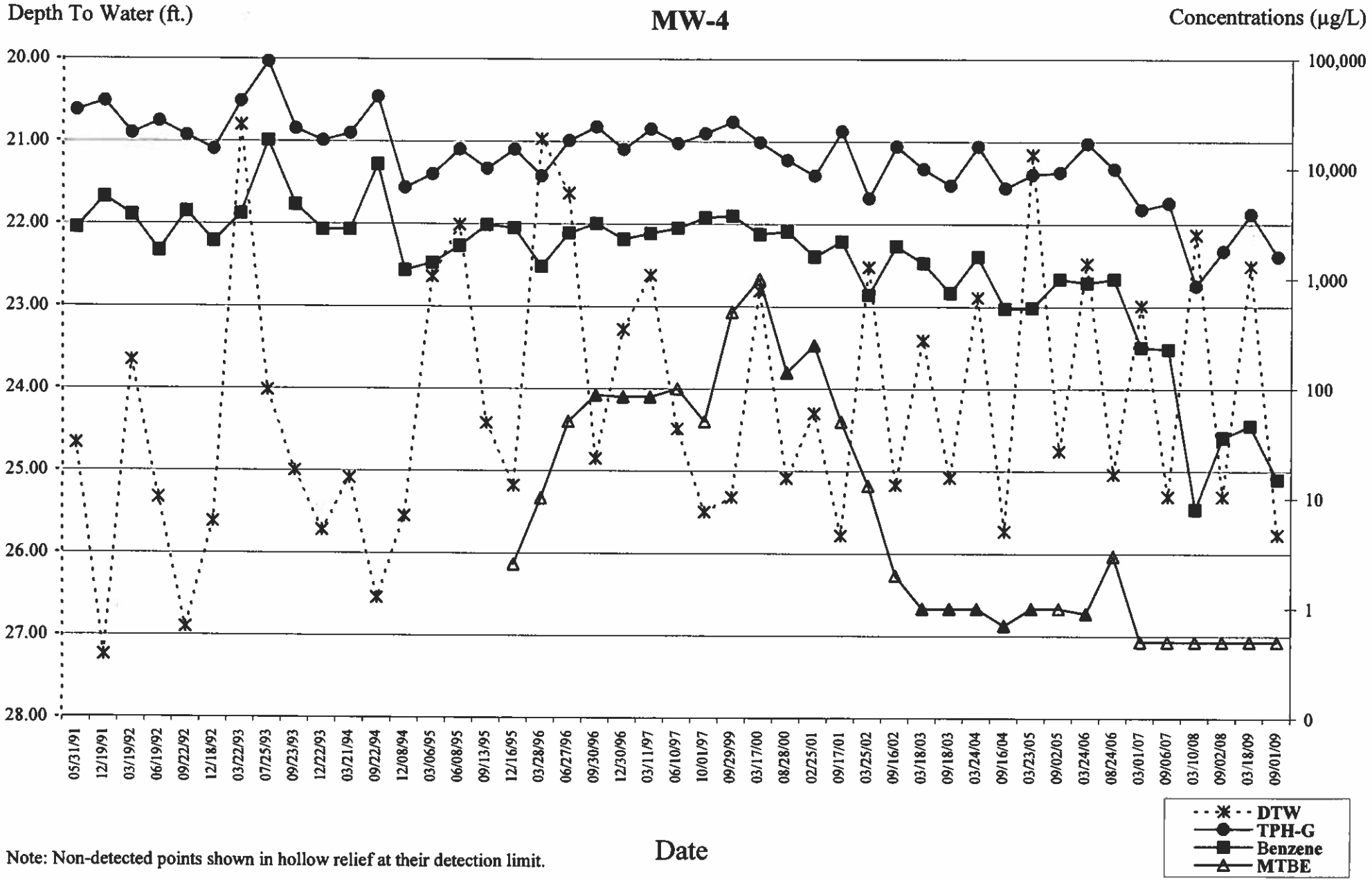
**Table 1**

**Groundwater Monitoring Data and Analytical Results**

Chevron Service Station #9-5542

7007 San Ramon Valley Boulevard

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 | -- | -- | -- | -- |
| 09/01/09[16] | **357.39** | **333.84** | **23.55** | **<50** | **<0.5** | **0.5** | **<0.5** | 0.7 | **<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 | -- | -- | -- | -- |

# 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)** | | | | | | | | | | | | | |
| 03/18/03 | 361.59 | 339.08 | 22.51 | 3,600 | 510 | <2.0 | 16 | 10 | <10/1[6] | -- | -- | -- | -- |
| 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-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 | -- | -- | -- | -- | -- |
| 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

# 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** | | | | | | | | | | | | | |
| 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 | -- | -- | -- | -- | -- |
| 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 | -- | -- | -- | -- |

# 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)** | | | | | | | | | | | | | |
| 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 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 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 | -- | -- | -- | -- |

# 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)** | | | | | | | | | | | | | |
| 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 | -- | -- | -- | -- | -- |
| 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 | | | | | | | | | | | | | |

# 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) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **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 | -- | -- | -- | -- | -- |
| 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 | -- | -- | -- | -- | -- |

# 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)** | | | | | | | | | | | | | |
| 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 | -- | -- | -- | -- |
| 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 | -- | -- | -- | -- |

# 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) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **QA (cont)** | | | | | | | | | | | | | |
| 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 | -- | -- | -- | -- |
| **09/01/09[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 | -- | -- | -- |
| | **09/01/09** | -- | -- | **<0.5** | -- | -- | -- |
| 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 | -- | -- | -- |
| | **09/01/09** | -- | -- | **<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 | -- | -- | -- |

# 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-11 (cont) | 09/02/08 | <50 | -- | <0.5 | -- | -- | -- |
| | 03/18/09 | <50 | -- | <0.5 | -- | -- | -- |
| | **09/01/09** | -- | -- | **<0.5** | -- | -- | -- |
| 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: 9/1/09 (inclusive)
City: Dublin, CA | Sampler: KE

Well ID: MW-1 | Date Monitored: 9/1/09
Well Diameter: 2/(4) in.
Total Depth: 47.81 ft.
Depth to Water: 26.68 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.

21.13 xVF .66 = 13.9 x3 case volume = Estimated Purge Volume: 41.8 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 30.90

**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): 0920 | Weather Conditions: Sunny
Sample Time/Date: 0955 / 9/1/09 | Water Color: Clear | Odor: (Y) / N | Strong
Approx. Flow Rate: 2 gpm. | Sediment Description: Clear
Did well de-water? no | If yes, Time: — | Volume: — gal. | DTW @ Sampling: 27.48

| Time (2400 hr.) | Volume (gal.) | pH | Conductivity (µmhos/cm (µS)) | Temperature (C / F) | D.O. (mg/L) | ORP (mV) |
|---|---|---|---|---|---|---|
| 0927 | 14 | 7.38 | 992 | 19.5 | | |
| 0934 | 28 | 7.22 | 1006 | 19.8 | | |
| 0941 | 42 | 7.18 | 1018 | 20.2 | | |
| | | | | | | |

### 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) |
| | | | | | |
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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: 9/1/09 (inclusive)
City: Dublin, CA Sampler: KE

Well ID MW-2 Date Monitored: 9/1/09
Well Diameter (2) 4 in.
Total Depth 38.91 ft.
Depth to Water 26.12 ft.
12.79 xVF _____ = _____ x3 case volume = Estimated Purge Volume: _____ gal.

| 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.

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

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

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

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

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

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

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

COMMENTS: MD

Add/Replaced Lock: ✓ Add/Replaced Plug: 2 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: 9/1/09 (inclusive)
City: Dublin, CA Sampler: KE

Well ID MW-3 Date Monitored: 9/1/09
Well Diameter 2 in.
Total Depth 35.02 ft.
Depth to Water 24.52 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 |

10.50 xVF .17 = _____ x3 case volume = Estimated Purge Volume: _____ gal.

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

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

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

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

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

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

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

Add/Replaced Lock: ✓ Add/Replaced Plug: 2 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: 9/1/09 (inclusive)
City: Dublin, CA | Sampler: KE

Well ID: MW-4 | Date Monitored: 9/1/09
Well Diameter: (2)/4 in.
Total Depth: 35.93 ft.
Depth to Water: 25.77 ft.

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

☐ Check if water column is less then 0.50 ft.

10.16 xVF .17 = 1.7 x3 case volume = Estimated Purge Volume: 5.1 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 27.80

**Purge Equipment:**

| | |
|---|---|
| Disposable Bailer | ✓ |
| Stainless Steel Bailer | |
| Stack Pump | |
| Suction Pump | |
| Grundfos | |
| Peristaltic Pump | |
| QED Bladder Pump | |
| Other: | |

**Sampling Equipment:**

| | |
|---|---|
| Disposable Bailer | ✓ |
| Pressure Bailer | |
| Discrete Bailer | |
| Peristaltic Pump | |
| QED Bladder Pump | |
| Other: | |

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

Start Time (purge): 0840 | Weather Conditions: Sunny
Sample Time/Date: 0905 / 9/1/09 | Water Color: Cloudy | Odor: (Y) / N moderate
Approx. Flow Rate: — gpm. | Sediment Description: light
Did well de-water? no | If yes, Time: — | Volume: — gal. | DTW @ Sampling: 25.89

| Time (2400 hr.) | Volume (gal.) | pH | Conductivity (µmhos/cm (µS)) | Temperature (C / F) | D.O. (mg/L) | ORP (mV) |
|---|---|---|---|---|---|---|
| 0844 | 2 | 7.84 | 1003 | 19.0 | | |
| 0848 | 4 | 7.78 | 1010 | 18.8 | | |
| 0851 | 5.5 | 7.69 | 1020 | 18.7 | | |
| | | | | | | |

### LABORATORY INFORMATION

| SAMPLE ID | (#) CONTAINER | REFRIG. | PRESERV. TYPE | LABORATORY | ANALYSES |
|---|---|---|---|---|---|
| MW-4 | 10 x voa vial | YES | HCL | LANCASTER | TPH-GRO(8015)/BTEX+MTBE(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: 9/1/09 (inclusive)
City: Dublin, CA Sampler: KE

Well ID MW- 11 Date Monitored: 9/1/09
Well Diameter (2) 4 in.
Total Depth 55.45 ft.
Depth to Water 23.55 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.

31.90 xVF 17 = 5.4 x3 case volume = Estimated Purge Volume: 16.2 gal.

Depth to Water w/ 80% Recharge ((Height of Water Column x 0.20) + DTW): 29.93

**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): 1020 Weather Conditions: Sunny
Sample Time/Date: 1230 9/1/09 Water Color: Clear Odor: Y (N)
Approx. Flow Rate: 1 gpm. Sediment Description: light
Did well de-water? yes If yes, Time: 1028 Volume: 8 gal. DTW @ Sampling: 46.84

| Time (2400 hr.) | Volume (gal.) | pH | Conductivity (µmhos/cm (µS)) | Temperature (C / F) | D.O. (mg/L) | ORP (mV) |
|---|---|---|---|---|---|---|
| 1025 | 5 | 7.70 | 929 | 21.0 | | |
| 1030 | 10 | | | | | |
| 1037 | 17 | | | | | |

**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) |
| | | | | | |
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| | | | | | |

COMMENTS: Waited two hours after dewater
Sample taken at 1230

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

# Chevron California Region Analysis Request/Chain of Custody

Lancaster Laboratories

69019-05

For Lancaster Laboratories use only
Acct. #: 12099 Sample # 5766313-16 Group #: 018977

1160171

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 Ertland

| Sample Identification | Date Collected | Time Collected | Grab | Composite | Matrix: Soil | Matrix: Water | Matrix: Oil | Matrix: Air | Matrix: Potable | Matrix: NPDES | Total Number of Containers | BTEX + MTBE 8260 (Preservation Code A) | 8021 | TPH 8015 MOD GRO (Preservation Code A) | TPH 8015 MOD DRO | Silica Gel Cleanup | 8260 full scan | Oxygenates | Total Lead Method | Dissolved Lead Method |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| QA | 9/1/09 | | X | | | X | | | | | 2 | X | | X | | | | | | |
| mw-1 | | 0955 | X | | | X | | | | | 6 | X | | X | | | | | | |
| mw-4 | | 0905 | X | | | X | | | | | 6 | X | | X | | | | | | |
| mw-11 | | 1230 | X | | | X | | | | | 6 | X | | X | | | | | | |

Analyses Requested
Preservation Codes

Preservative Codes
H = HCl T = Thiosulfate
N = $HNO_3$ B = NaOH
S = $H_2SO_4$ O = Other

☐ J value reporting needed
☑ Must meet lowest detection limits possible for 8260 compounds
8021 MTBE Confirmation
☐ Confirm highest hit by 8260
☐ Confirm all hits by 8260
☐ Run ____ oxy's on highest hit
☐ Run ____ oxy's on all hits

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: | 9/1/09 | 1355 | Received by: | 9/1/09 | 1355 |
| Relinquished by: | 9/1/09 | 1630 | Received by: FEDEX | | |
| Relinquished by: | | | Received by: | | |
| Relinquished by Commercial Carrier: UPS FedEx Other | | | Received by: | 9/2/09 | 0815 |
| Temperature Upon Receipt 13.2 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

September 10, 2009

## SAMPLE GROUP

The sample group for this submittal is 1160171. Samples arrived at the laboratory on Wednesday, September 02, 2009. The PO# for this group is 95542 and the release number is MTI.

| Client Description | Lancaster Labs Number |
|---|---|
| QA-T-090901 NA Water | 5766313 |
| MW-1-W-090901 Grab Water | 5766314 |
| MW-4-W-090901 Grab Water | 5766315 |
| MW-11-W-090901 Grab Water | 5766316 |

## METHODOLOGY

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

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

Lancaster Laboratories

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

# Analysis Report

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

Respectfully Submitted,

Christine Dulaney
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. WW 5766313**

**Group No. 1160171**
**CA**

**QA-T-090901 NA Water**
**Facility# 95542 Job# 385290 MTI# 61H-1969 GRD**
**7007 San Ramon-Dublin T0600100354 QA**

Collected: 09/01/2009

Account Number: 12099

Submitted: 09/02/2009 09:10
Reported: 09/10/2009 at 13:41
Discard: 10/11/2009

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

5542Q

| CAT No. | Analysis Name | CAS Number | As Received Result | As Received Method Detection Limit | Dilution Factor |
|---|---|---|---|---|---|
| **GC/MS Volatiles** | **SW-846 8260B** | | ug/l | ug/l | |
| 06054 | Benzene | 71-43-2 | N.D. | 0.5 | 1 |
| 06054 | Ethylbenzene | 100-41-4 | N.D. | 0.5 | 1 |
| 06054 | Methyl Tertiary Butyl Ether | 1634-04-4 | N.D. | 0.5 | 1 |
| 06054 | Toluene | 108-88-3 | N.D. | 0.5 | 1 |
| 06054 | Xylene (Total) | 1330-20-7 | N.D. | 0.5 | 1 |
| **GC Volatiles** | **SW-846 8015B** | | ug/l | ug/l | |
| 01728 | TPH-GRO N. CA water C6-C12 | n.a. | N.D. | 50 | 1 |

## General Sample Comments

State of California Lab Certification No. 2501

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

## Laboratory Sample Analysis Record

| CAT No. | Analysis Name | Method | Trial# | Batch# | Analysis Date and Time | Analyst | Dilution Factor |
|---|---|---|---|---|---|---|---|
| 01163 | GC/MS VOA Water Prep | SW-846 5030B | 1 | P092512AA | 09/08/2009 17:46 | Daniel H Heller | 1 |
| 06054 | BTEX+MTBE by 8260B | SW-846 8260B | 1 | P092512AA | 09/08/2009 17:46 | Daniel H Heller | 1 |
| 01146 | GC VOA Water Prep | SW-846 5030B | 1 | 09247C20A | 09/08/2009 13:27 | Fanella S Zamcho | 1 |
| 01728 | TPH-GRO N. CA water C6-C12 | SW-846 8015B | 1 | 09247C20A | 09/08/2009 13:27 | Fanella S Zamcho | 1 |

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. WW 5766314**

**Group No. 1160171**
**CA**

**MW-1-W-090901 Grab Water**
**Facility# 95542 Job# 385290 MTI# 61H-1969 GRD**
**7007 San Ramon-Dublin T0600100354 MW-1**

Collected: 09/01/2009 09:55 by KE

Account Number: 12099

Submitted: 09/02/2009 09:10
Reported: 09/10/2009 at 13:41
Discard: 10/11/2009

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

55421

| CAT No. | Analysis Name | CAS Number | As Received Result | As Received Method Detection Limit | Dilution Factor |
|---|---|---|---|---|---|
| **GC/MS Volatiles** | **SW-846 8260B** | | **ug/l** | **ug/l** | |
| 06054 | Benzene | 71-43-2 | 410 | 5 | 10 |
| 06054 | Ethylbenzene | 100-41-4 | 390 | 5 | 10 |
| 06054 | Methyl Tertiary Butyl Ether | 1634-04-4 | N.D. | 0.5 | 1 |
| 06054 | Toluene | 108-88-3 | 1,100 | 5 | 10 |
| 06054 | Xylene (Total) | 1330-20-7 | 1,400 | 5 | 10 |
| **GC Volatiles** | **SW-846 8015B** | | **ug/l** | **ug/l** | |
| 01728 | TPH-GRO N. CA water C6-C12 | n.a. | 8,700 | 250 | 5 |

## General Sample Comments

State of California Lab Certification No. 2501

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

## Laboratory Sample Analysis Record

| CAT No. | Analysis Name | Method | Trial# | Batch# | Analysis Date and Time | Analyst | Dilution Factor |
|---|---|---|---|---|---|---|---|
| 01163 | GC/MS VOA Water Prep | SW-846 5030B | 1 | P092512AA | 09/08/2009 18:13 | Daniel H Heller | 1 |
| 01163 | GC/MS VOA Water Prep | SW-846 5030B | 2 | P092512AA | 09/08/2009 18:40 | Daniel H Heller | 10 |
| 06054 | BTEX+MTBE by 8260B | SW-846 8260B | 1 | P092512AA | 09/08/2009 18:13 | Daniel H Heller | 1 |
| 06054 | BTEX+MTBE by 8260B | SW-846 8260B | 1 | P092512AA | 09/08/2009 18:40 | Daniel H Heller | 10 |
| 01146 | GC VOA Water Prep | SW-846 5030B | 1 | 09247C20A | 09/08/2009 22:01 | Fanella S Zamcho | 5 |
| 01728 | TPH-GRO N. CA water C6-C12 | SW-846 8015B | 1 | 09247C20A | 09/08/2009 22:01 | Fanella S Zamcho | 5 |

Lancaster Laboratories

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# Analysis Report



**Lancaster Laboratories Sample No. WW 5766315**

**Group No. 1160171**
**CA**

**MW-4-W-090901 Grab Water**
**Facility# 95542 Job# 385290 MTI# 61H-1969 GRD**
**7007 San Ramon-Dublin T0600100354 MW-4**

Collected: 09/01/2009 09:05 by KE

Account Number: 12099

Submitted: 09/02/2009 09:10
Reported: 09/10/2009 at 13:41
Discard: 10/11/2009

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

55424

| CAT No. | Analysis Name | CAS Number | As Received Result | As Received Method Detection Limit | Dilution Factor |
|---|---|---|---|---|---|
| **GC/MS Volatiles** | **SW-846 8260B** | | ug/l | ug/l | |
| 06054 | Benzene | 71-43-2 | 15 | 0.5 | 1 |
| 06054 | Ethylbenzene | 100-41-4 | 84 | 0.5 | 1 |
| 06054 | Methyl Tertiary Butyl Ether | 1634-04-4 | N.D. | 0.5 | 1 |
| 06054 | Toluene | 108-88-3 | 0.9 | 0.5 | 1 |
| 06054 | Xylene (Total) | 1330-20-7 | 88 | 0.5 | 1 |
| **GC Volatiles** | **SW-846 8015B** | | ug/l | ug/l | |
| 01728 | TPH-GRO N. CA water C6-C12 | n.a. | 1,600 | 50 | 1 |

## General Sample Comments

State of California Lab Certification No. 2501

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

## Laboratory Sample Analysis Record

| CAT No. | Analysis Name | Method | Trial# | Batch# | Analysis Date and Time | Analyst | Dilution Factor |
|---|---|---|---|---|---|---|---|
| 01163 | GC/MS VOA Water Prep | SW-846 5030B | 1 | P092512AA | 09/08/2009 19:07 | Daniel H Heller | 1 |
| 06054 | BTEX+MTBE by 8260B | SW-846 8260B | 1 | P092512AA | 09/08/2009 19:07 | Daniel H Heller | 1 |
| 01146 | GC VOA Water Prep | SW-846 5030B | 1 | 09247D20A | 09/08/2009 22:56 | Fanella S Zamcho | 1 |
| 01728 | TPH-GRO N. CA water C6-C12 | SW-846 8015B | 1 | 09247D20A | 09/08/2009 22:56 | Fanella S Zamcho | 1 |

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# Analysis Report



**Lancaster Laboratories Sample No. WW 5766316**

**Group No. 1160171**
**CA**

**MW-11-W-090901 Grab Water**
**Facility# 95542 Job# 385290 MTI# 61H-1969 GRD**
**7007 San Ramon-Dublin T0600100354 MW-11**

Collected: 09/01/2009 12:30 by KE

Account Number: 12099

Submitted: 09/02/2009 09:10
Reported: 09/10/2009 at 13:41
Discard: 10/11/2009

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

54211

| CAT No. | Analysis Name | CAS Number | As Received Result | As Received Method Detection Limit | Dilution Factor |
|---|---|---|---|---|---|
| **GC/MS Volatiles** | **SW-846 8260B** | | ug/l | ug/l | |
| 06054 | Benzene | 71-43-2 | N.D. | 0.5 | 1 |
| 06054 | Ethylbenzene | 100-41-4 | N.D. | 0.5 | 1 |
| 06054 | Methyl Tertiary Butyl Ether | 1634-04-4 | N.D. | 0.5 | 1 |
| 06054 | Toluene | 108-88-3 | 0.5 | 0.5 | 1 |
| 06054 | Xylene (Total) | 1330-20-7 | 0.7 | 0.5 | 1 |
| **GC Volatiles** | **SW-846 8015B** | | ug/l | ug/l | |
| 01728 | TPH-GRO N. CA water C6-C12 | n.a. | N.D. | 50 | 1 |

## General Sample Comments

State of California Lab Certification No. 2501

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

## Laboratory Sample Analysis Record

| CAT No. | Analysis Name | Method | Trial# | Batch# | Analysis Date and Time | Analyst | Dilution Factor |
|---|---|---|---|---|---|---|---|
| 01163 | GC/MS VOA Water Prep | SW-846 5030B | 1 | P092512AA | 09/08/2009 19:34 | Daniel H Heller | 1 |
| 06054 | BTEX+MTBE by 8260B | SW-846 8260B | 1 | P092512AA | 09/08/2009 19:34 | Daniel H Heller | 1 |
| 01146 | GC VOA Water Prep | SW-846 5030B | 1 | 09247D20A | 09/08/2009 15:47 | Fanella S Zamcho | 1 |
| 01728 | TPH-GRO N. CA water C6-C12 | SW-846 8015B | 1 | 09247D20A | 09/08/2009 15:47 | Fanella S Zamcho | 1 |

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# Analysis Report



## Quality Control Summary

Client Name: Chevron c/o CRA
Reported: 09/10/09 at 01:41 PM

Group Number: 1160171

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: P092512AA | Sample number(s): 5766313-5766316 | | | | | | | |
| Benzene | N.D. | 0.5 | ug/l | 104 | | 79-120 | | |
| Ethylbenzene | N.D. | 0.5 | ug/l | 99 | | 79-120 | | |
| Methyl Tertiary Butyl Ether | N.D. | 0.5 | ug/l | 104 | | 76-120 | | |
| Toluene | N.D. | 0.5 | ug/l | 102 | | 79-120 | | |
| Xylene (Total) | N.D. | 0.5 | ug/l | 100 | | 80-120 | | |
| Batch number: 09247C20A | Sample number(s): 5766313-5766314 | | | | | | | |
| TPH-GRO N. CA water C6-C12 | N.D. | 50. | ug/l | 118 | 118 | 75-135 | 0 | 30 |
| Batch number: 09247D20A | Sample number(s): 5766315-5766316 | | | | | | | |
| TPH-GRO N. CA water C6-C12 | N.D. | 50. | ug/l | 109 | 109 | 75-135 | 0 | 30 |

### Sample Matrix Quality Control

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

| Analysis Name | MS %REC | MSD %REC | MS/MSD Limits | RPD | RPD MAX | BKG Conc | DUP Conc | DUP RPD | Dup RPD Max |
|---|---|---|---|---|---|---|---|---|---|
| Batch number: P092512AA | Sample number(s): 5766313-5766316 UNSPK: P765348 | | | | | | | | |
| Benzene | 107 | 105 | 80-126 | 2 | 30 | | | | |
| Ethylbenzene | 107 | 108 | 71-134 | 1 | 30 | | | | |
| Methyl Tertiary Butyl Ether | 106 | 102 | 72-126 | 4 | 30 | | | | |
| Toluene | 109 | 107 | 80-125 | 2 | 30 | | | | |
| Xylene (Total) | 109 | 111 | 79-125 | 1 | 30 | | | | |
| Batch number: 09247C20A | Sample number(s): 5766313-5766314 UNSPK: P767787 | | | | | | | | |
| TPH-GRO N. CA water C6-C12 | 136 | | 63-154 | | | | | | |
| Batch number: 09247D20A | Sample number(s): 5766315-5766316 UNSPK: P767669 | | | | | | | | |
| TPH-GRO N. CA water C6-C12 | 118 | | 63-154 | | | | | | |

### Surrogate Quality Control

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

Analysis Name: BTEX+MTBE by 8260B
Batch number: P092512AA

| Dibromofluoromethane | 1,2-Dichloroethane-d4 | Toluene-d8 | 4-Bromofluorobenzene |
|---|---|---|---|

*- 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: 09/10/09 at 01:41 PM

Group Number: 1160171

### Surrogate Quality Control

| | | | | |
|---|---|---|---|---|
| 5766313 | 102 | 102 | 98 | 96 |
| 5766314 | 101 | 101 | 99 | 99 |
| 5766315 | 101 | 102 | 99 | 98 |
| 5766316 | 100 | 102 | 98 | 95 |
| Blank | 101 | 100 | 97 | 95 |
| LCS | 101 | 105 | 97 | 97 |
| MS | 102 | 105 | 97 | 97 |
| MSD | 101 | 103 | 97 | 96 |
| Limits: | 80-116 | 77-113 | 80-113 | 78-113 |

Analysis Name: TPH-GRO N. CA water C6-C12
Batch number: 09247C20A

| | Trifluorotoluene-F |
|---|---|
| 5766313 | 81 |
| 5766314 | 95 |
| Blank | 86 |
| LCS | 121 |
| LCSD | 123 |
| MS | 123 |
| Limits: | 63-135 |

Analysis Name: TPH-GRO N. CA water C6-C12
Batch number: 09247D20A

| | Trifluorotoluene-F |
|---|---|
| 5766315 | 143* |
| 5766316 | 99 |
| Blank | 98 |
| LCS | 127 |
| LCSD | 124 |
| MS | 129 |
| Limits: | 63-135 |

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

# Lancaster Laboratories
## Explanation of Symbols and Abbreviations

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

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