RO-368

**Environmental Management Company**
6001 Bollinger Canyon Rd, L4050
P.O. Box 6012
San Ramon, CA 94583-2324
Tel 925-842-1589
Fax 925-842-8370

**Karen Streich**
Project Manager

September 26, 2003

**ChevronTexaco**

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



Re: Chevron Service Station # 9-8139

Address: 16304 Foothill Blvd., San Leandro, CA

I have reviewed the attached routine groundwater monitoring report dated September 10, 2003.

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,

Karen Streich

Karen Streich
Project Manager

Enclosure: Report

20-368

# GETTLER-RYAN INC.

## TRANSMITTAL

September 11, 2003
G-R #386461

TO: Ms. Karen Streich
Chevron Products Company
P.O. Box 6004
San Ramon, California 94583

CC: Mr. Robert Foss
Cambria Environmental, Inc.
5900 Hollis Street, Suite A
Emeryville, CA 94608



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

**RE: Chevron Service Station**
**#9-8139**
**16304 Foothill Boulevard**
**San Leandro, California**

WE HAVE ENCLOSED THE FOLLOWING:

| COPIES | DATED | DESCRIPTION |
|---|---|---|
| 1 | September 10, 2003 | Groundwater Monitoring and Sampling Report<br>Third Quarter - Event of August 11, 2003 |

COMMENTS:

Please provide any comments/changes and propose any groundwater monitoring modifications for the next event prior to ***September 25, 2003,*** at which time the final report will be distributed to the following:

cc: Mr. Chuck Headlee, RWQCB-S.F. Bay Region, 1515 Clay Street, Suite 1400, Oakland. CA 94612
Mr. Harv Dhaliwal, P.E., G&S Associates, Inc., 4430 Deerfield Way, Danville, CA 94506
Mr. **Scott Seery, Alameda County Health Care Services, Dept. of Environmental Health, 1131 Harbor Bay Parkway, Suite 250, Alameda, CA 94502-6577**

Enclosures

trans/9-8139-ks

# GETTLER-RYAN INC.

September 10, 2003
G-R Job #386461

Ms. Karen Streich
Chevron Products Company
P.O. Box 6004
San Ramon, CA 94583

**RE: Third Quarter Event of August 11, 2003**
Groundwater Monitoring & Sampling Report
Chevron Service Station #9-8139
16304 Foothill Boulevard
San Leandro, California

Dear Ms. Streich:

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.

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

Sincerely,

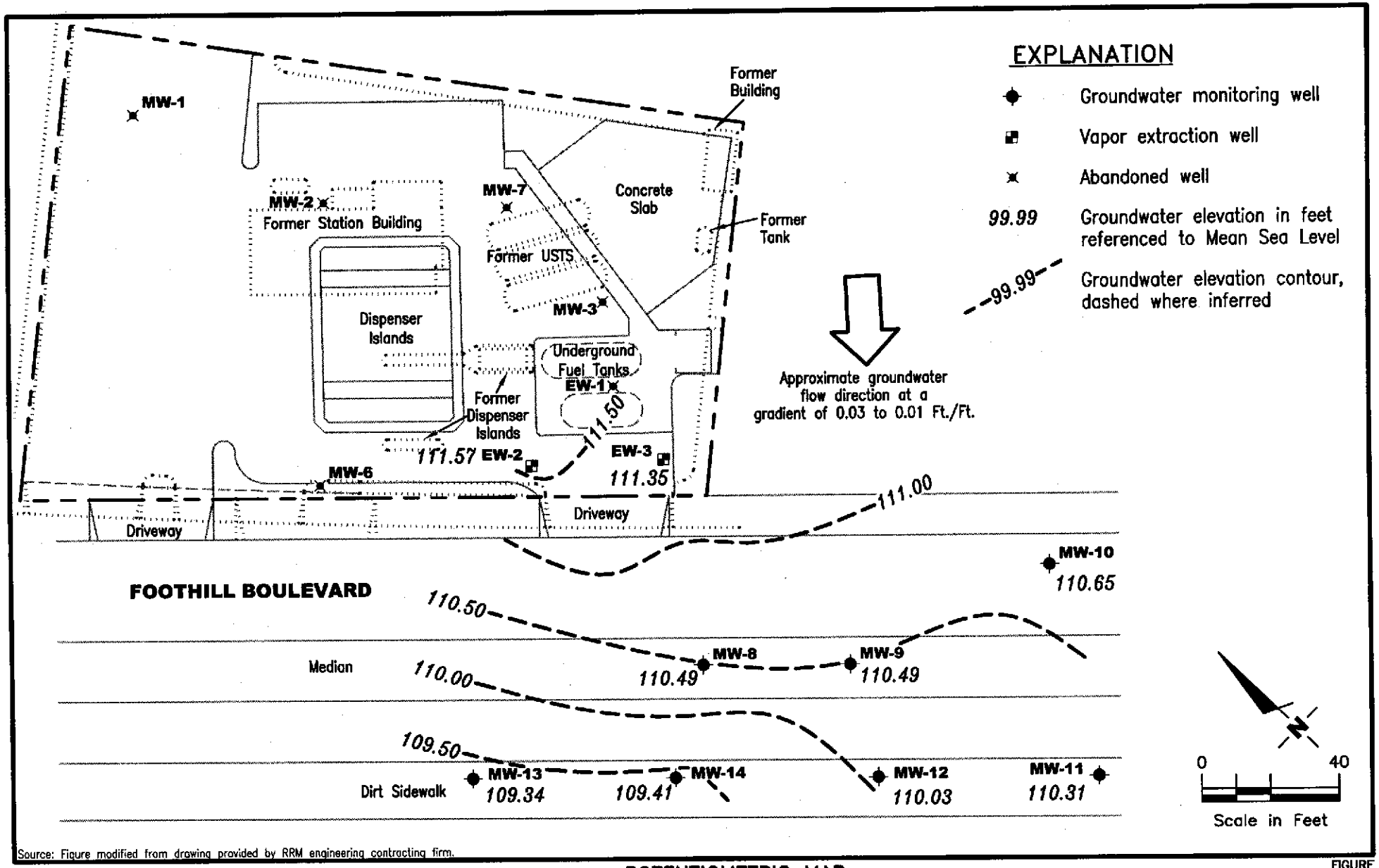
Deanna L. Harding
Project Coordinator

Robert C. Mallory
Registered Geologist, No. 7285

REGISTERED GEOLOGIST
ROBERT C. MALLORY
No. 7285
Exp. 01/04
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

6747 Sierra Court, Suite J • **Dublin**, CA 94568 • (925) 551-7555 • Fax (925) 551-7888
3140 Gold Camp Drive, Suite 170 • **Rancho Cordova**, CA 95670 • (916) 631-1300 • Fax (916) 631-1317
1364 N. McDowell Blvd., Suite B2 • **Petaluma**, CA 94954 • (707) 789-3255 • Fax (707) 789-3218




Source: Figure modified from drawing provided by RRM engineering contracting firm.

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

**POTENTIOMETRIC MAP**
Chevron Service Station #9-8139
16304 Foothill Boulevard
San Leandro, California

FIGURE
1

| JOB NUMBER | REVIEWED BY | DATE | REVISED DATE |
|---|---|---|---|
| 386461 | | August 11, 2003 | |

FILE NAME: P:\ENVIRO\CHEVRON\9-8139\Q03-9-8139.DWG | Layout Tab: Pot3

# Table 1

## Groundwater Monitoring and Analytical Results

Chevron Service Station #9-8139
16304 Foothill Boulevard
San Leandro, California

| WELL ID/ TOC*(ft.) | DATE | DTW (ft.) | S.I. (ft.bgs) | GWE (msl) | SPHT (ft.) | TPH-G (ppb) | B (ppb) | T (ppb) | E (ppb) | X (ppb) | MTBE (ppb) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| MW-1 | | | | | | | | | | | |
| 127.09 | 12/05/89[1,3] | -- | -- | -- | -- | <500 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 03/23/90 | 12.92 | | 114.17 | -- | -- | -- | -- | -- | -- | -- |
| | 05/24/90 | -- | | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| | 09/06/90[3] | 14.68 | | 112.41 | -- | <50 | <0.5 | 0.8 | <0.5 | <0.5 | <0.5 |
| | 09/25/90 | 15.01 | | 112.08 | -- | -- | -- | -- | -- | -- | -- |
| | 11/29/90 | 14.82 | | 112.27 | -- | <50 | 0.7 | 0.9 | <0.5 | 1.0 | -- |
| | 02/20/91 | 14.29 | | 112.80 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| | 04/19/91 | 12.16 | | 114.93 | -- | -- | -- | -- | -- | -- | -- |
| | 05/22/91 | 13.69 | | 113.40 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| | 08/22/91 | 15.38 | | 111.71 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| | 11/13/91 | 15.80 | | 111.29 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| | 01/30/92 | 14.71 | | 112.38 | -- | <50 | 0.5 | <0.5 | <0.5 | 0.5 | -- |
| | 04/23/92 | 12.22 | | 114.87 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| | 07/27/92 | 14.30 | | 112.79 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| | 10/26/92 | 15.90 | | 111.19 | -- | <50 | 0.6 | <0.5 | <0.5 | <0.5 | -- |
| | 01/29/93 | 10.51 | | 116.58 | -- | <50 | 3.0 | 3.0 | 0.7 | 3.0 | -- |
| | 04/30/93 | 9.90 | | 117.19 | -- | <50 | <0.5 | 0.7 | <0.5 | 1.0 | -- |
| | 07/14/93 | 12.28 | | 114.81 | -- | <50 | 0.7 | 1.0 | <0.5 | 3.0 | -- |
| | 10/27/93 | 15.53 | | 111.56 | -- | <50 | 0.9 | 2.0 | <0.5 | 2.0 | -- |
| | 01/13/94 | 12.24 | | 114.85 | -- | <50 | <0.5 | 0.9 | <0.5 | <0.5 | -- |
| | 04/22/94 | 12.91 | | 114.18 | -- | <50 | 1.1 | 2.6 | 1.0 | 5.5 | -- |
| | 07/29/94 | 12.75 | | 114.34 | -- | <50 | <0.5 | 0.9 | <0.5 | <0.5 | -- |
| | 10/25/94 | 13.63 | | 113.46 | -- | 100 | 0.6 | 1.6 | <0.5 | 4.1 | -- |
| | 01/19/95 | 9.93 | | 117.16 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| | ABANDONED | | | | | | | | | | |
| MW-2 | 12/05/89[1,3] | -- | -- | -- | -- | <500 | <0.5 | <0.5 | <0.5 | 0.9 | <0.5 |
| 125.98 | 03/23/90 | 12.40 | | 113.58 | -- | -- | -- | -- | -- | -- | -- |
| | 05/24/90 | -- | | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| | 09/06/90[3] | 14.85 | | 111.13 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 09/25/90 | 14.80 | | 111.18 | -- | -- | -- | -- | -- | -- | -- |
| | 11/29/90 | 14.40 | | 111.58 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |

# Table 1

## Groundwater Monitoring and Analytical Results

Chevron Service Station #9-8139
16304 Foothill Boulevard
San Leandro, California

| WELL ID/ TOC* (ft.) | | DATE | DTW (ft.) | S.I. (ft.bgs) | GWE (msl) | SPHT (ft.) | TPH-G (ppb) | B (ppb) | T (ppb) | E (ppb) | X (ppb) | MTBE (ppb) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW-2 | | 02/20/91 | 14.09 | -- | 111.89 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| (cont) | | 04/19/91 | 12.62 | | 113.36 | -- | -- | -- | -- | -- | -- | -- |
| | | 05/22/91 | 12.98 | | 113.00 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| | | 08/22/91 | 14.93 | | 111.05 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| | | 11/13/91 | 15.42 | | 110.56 | -- | 58 | <0.5 | 0.5 | 0.7 | 2.3 | -- |
| | | 01/30/92 | 14.70 | | 111.28 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| | | 04/23/92 | 13.83 | | 112.15 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| | | 07/27/92 | 15.30 | | 110.68 | -- | <50 | <0.5 | <0.5 | <0.5 | 1.1 | -- |
| | | 10/26/92 | 15.62 | | 110.36 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| | | 01/29/93 | 9.26 | | 116.72 | -- | <50 | 3.0 | 8.0 | 1.0 | 5.0 | -- |
| | | 04/30/93 | 9.66 | | 116.32 | -- | <1,300 | <13 | <13 | <13 | <13 | -- |
| | | 07/14/93 | 11.90 | | 114.08 | -- | <50 | 0.8 | 2.0 | 0.8 | 4.0 | -- |
| | | 10/27/93 | 13.49 | | 112.49 | -- | <50 | 1.0 | 2.0 | 1.0 | 2.0 | -- |
| | | 01/13/94 | 11.99 | | 113.99 | -- | <50 | <0.5 | 0.6 | <0.5 | <0.5 | -- |
| | | 04/22/94 | 12.73 | | 113.25 | -- | <50 | 0.6 | <0.5 | <0.5 | 1.7 | -- |
| | | 07/29/94 | 12.30 | | 113.68 | -- | <50 | <0.5 | 0.9 | <0.5 | <0.5 | -- |
| | | 10/25/94 | 13.39 | | 112.59 | -- | <50 | <0.5 | 0.8 | <0.5 | 2.1 | -- |
| | | 01/19/95 | 8.71 | | 117.27 | -- | <50 | <0.5 | 2.3 | <0.5 | <0.5 | -- |
| | | ABANDONED | | | | | | | | | | |
| **MW-3** | | 12/05/89[2,3] | -- | -- | -- | -- | 24,000 | 2,400 | 1,800 | 360 | 2,600 | <0.5 |
| 127.84 | (D) | 12/05/89[3] | -- | | -- | -- | 24,000 | 2,500 | 1,900 | 390 | 2,600 | <0.5 |
| | | 03/23/90 | 17.50 | | 110.34 | -- | -- | -- | -- | -- | -- | -- |
| | | 05/24/90 | -- | | -- | -- | 9,000 | 2,600 | 1,700 | 250 | 1,500 | -- |
| | (D) | 05/24/90 | -- | | -- | -- | 10,000 | 2,600 | 1,800 | 260 | 1,600 | -- |
| 126.77 | | 09/06/90[3] | 18.72 | | 108.05 | -- | 3,500 | 900 | 550 | 110 | 460 | <0.5 |
| | | 09/25/90 | 18.40 | | 108.37 | -- | -- | -- | -- | -- | -- | -- |
| | | 11/29/90 | 18.97 | | 107.80 | -- | 9,200 | 1,100 | 1,100 | 210 | 1,100 | -- |
| | | 02/20/91 | 19.20 | | 107.57 | -- | 8,800 | 960 | 780 | 200 | 920 | -- |
| | | 04/19/91 | 17.81 | | 108.96 | -- | -- | -- | -- | -- | -- | -- |
| | | 05/22/91 | 17.88 | | 108.89 | -- | 28,000 | 5,800 | 1,200 | 460 | 2,300 | -- |
| | | 08/01/91 | 19.23 | | 107.54 | -- | -- | -- | -- | -- | -- | -- |
| | | 08/22/91 | 20.17 | | 106.60 | -- | 21,000 | 3,100 | 2,000 | 480 | 2,000 | -- |

# Table 1

## Groundwater Monitoring and Analytical Results

Chevron Service Station #9-8139

16304 Foothill Boulevard

San Leandro, California

| WELL ID/ TOC* (ft.) | | DATE | DTW (ft.) | S.I. (ft.bgs) | GWE (msl) | SPHT (ft.) | TPH-G (ppb) | B (ppb) | T (ppb) | E (ppb) | X (ppb) | MTBE (ppb) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW-3 | (D) | 08/22/91 | -- | -- | -- | -- | 19,000 | 2,700 | 1,800 | 420 | 1,700 | -- |
| (cont) | | 11/13/91 | 19.95 | | 106.82 | -- | 18,000 | 2,400 | 1,200 | 450 | 2,200 | -- |
| | | 01/30/92 | 19.14 | | 107.63 | -- | 18,000 | 3,800 | 920 | 700 | 2,600 | -- |
| | | 04/23/92 | 17.75 | | 109.02 | -- | 46,000 | 5,000 | 1,900 | 1,000 | 3,500 | -- |
| | | 07/27/92 | 19.00 | | 107.77 | -- | 26,000 | 4,900 | 1,100 | 1,200 | 3,600 | -- |
| | | 10/26/92 | 19.62 | | 107.15 | -- | 6,600 | 1,100 | 41 | 220 | 570 | -- |
| | | 01/29/93 | 15.95 | | 110.82 | -- | 32,000 | 5,900 | 2,900 | 1,300 | 5,000 | -- |
| | | 04/30/93 | 15.67 | | 111.10 | -- | 14,000 | 6,100 | 98 | 870 | 2,400 | -- |
| | | 07/14/93 | 16.83 | | 109.94 | -- | 12,000 | 3,100 | 1,100 | 720 | 2,900 | -- |
| | | 10/27/93 | 17.70 | | 109.07 | -- | 19,000 | 7,800 | 400 | 1,500 | 3,400 | -- |
| | | 01/13/94 | 16.54 | | 110.23 | -- | 51,000 | 3,700 | 140 | 720 | 1,800 | -- |
| | | 04/22/94 | 17.02 | | 109.75 | -- | 22,000 | 9,300 | 89 | 1,200 | 2,400 | -- |
| | | 07/29/94 | 16.95 | | 109.82 | -- | 13,000 | 4,700 | 44 | 580 | 420 | -- |
| | | 10/25/94 | 17.66 | | 109.11 | -- | 24,000 | 8,700 | 52 | 1,500 | 1,400 | -- |
| | | 01/19/95 | 13.87 | | 112.90 | -- | 17,000 | 9,300 | 36 | 1,600 | 740 | -- |
| | | 10/12/95 | 14.23 | | 112.54 | -- | 37,000 | 12,000 | 180 | 1,800 | 1,500 | 13,000 |
| | | 04/11/96 | 11.04 | | 115.73 | -- | 19,000 | 2,400 | 81 | 1,400 | 1,500 | 6,800 |
| | | 10/03/96 | 14.62 | | 112.15 | -- | -- | -- | -- | -- | -- | -- |
| | | ABANDONED | | | | | | | | | | |
| **MW-4** | | 12/05/89[3] | -- | -- | -- | -- | 19,000 | 390 | 1,300 | 460 | 1,800 | <0.5 |
| 125.22 | | 03/23/90 | 16.02 | | 109.20 | -- | -- | -- | -- | -- | -- | -- |
| | | 05/24/90 | -- | | -- | -- | 4,500 | 210 | 440 | 140 | 480 | -- |
| | | 09/06/90[3] | 17.35 | | 107.87 | -- | 6,000 | 680 | 520 | 170 | 580 | <0.5 |
| | | 09/25/90 | 17.48 | | 107.74 | -- | -- | -- | -- | -- | -- | -- |
| | | 11/29/90 | 17.61 | | 107.61 | -- | 15,000 | 800 | 1,000 | 430 | 1,700 | -- |
| | | 02/20/91 | 17.81 | | 107.41 | -- | 15,000 | 640 | 390 | 420 | 1,600 | -- |
| | (D) | 02/20/91 | -- | | -- | -- | 15,000 | 680 | 410 | 430 | 1,600 | -- |
| | | 04/19/91 | 15.80 | | 109.42 | -- | -- | -- | -- | -- | -- | -- |
| | | 05/22/91 | 16.68 | | 108.54 | -- | 9,800 | 580 | 140 | 310 | 740 | -- |
| | (D) | 05/22/91 | -- | | -- | -- | 7,200 | 520 | 130 | 270 | 670 | -- |
| | | REDESIGNATED EW-3 | | | | | | | | | | |

# Table 1

**Groundwater Monitoring and Analytical Results**

Chevron Service Station #9-8139

16304 Foothill Boulevard

San Leandro, California

| WELL ID/ TOC*(ft.) | | DATE | DTW (ft.) | S.I. (ft.bgs) | GWE (msl) | SPHT (ft.) | TPH-G (ppb) | B (ppb) | T (ppb) | E (ppb) | X (ppb) | MTBE (ppb) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **MW-5** | | | | | | | | | | | | |
| 125.85 | | 03/23/90 | 16.89 | -- | 108.96 | -- | -- | -- | -- | -- | -- | -- |
| | | 05/25/90[4] | -- | | -- | -- | 28,000 | 920 | 1,100 | 460 | 1,300 | 2.4 |
| | | 09/07/90 | 18.46 | | 107.42** | 0.04 | -- | -- | -- | -- | -- | -- |
| | | 09/25/90 | 18.87 | | 108.02** | 1.30 | -- | -- | -- | -- | -- | -- |
| | | 11/29/90 | 18.91 | | 107.51** | 0.71 | -- | -- | -- | -- | -- | -- |
| | | 02/20/91 | 16.99 | | 109.24** | 0.47 | -- | -- | -- | -- | -- | -- |
| | | 04/19/91 | 19.30 | | 106.93** | 0.48 | -- | -- | -- | -- | -- | -- |
| | | 05/22/91 | 17.69 | | 108.42** | 0.33 | -- | -- | -- | -- | -- | -- |
| | | REDESIGNATED EW-2 | | | | | | | | | | |
| **MW-6** | | | | | | | | | | | | |
| 124.18 | | 03/23/90 | 18.51 | -- | 105.67 | -- | -- | -- | -- | -- | -- | -- |
| | | 05/25/90[5] | -- | | -- | -- | <50 | <2.0 | <3.0 | <3.0 | <3.0 | <0.02 |
| | | 09/07/90[3] | 16.18 | | 108.00 | -- | <50 | <2.0 | <3.0 | <3.0 | <3.0 | <0.05 |
| | | 09/25/90 | 16.42 | | 107.76 | -- | -- | -- | -- | -- | -- | -- |
| | | 11/29/90[3] | 16.11 | | 108.07 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <0.05 |
| | | 02/20/91 | 16.09 | | 108.09 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| | | 04/19/91 | 15.15 | | 109.03 | -- | -- | -- | -- | -- | -- | -- |
| | | 05/22/91 | 15.41 | | 108.77 | -- | <50 | 0.5 | 0.7 | <0.5 | 1.1 | -- |
| | | 08/23/91 | 17.80 | | 106.38 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| | | 11/14/91[5] | 16.52 | | 107.66 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <0.02 |
| | (D) | 11/14/91[3] | -- | | -- | -- | <50 | <0.5 | 0.6 | <0.5 | 1.1 | <0.05 |
| | | 01/31/92 | 16.48 | | 107.70 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| | (D) | 01/31/92 | -- | | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| | | 04/23/92 | 16.20 | | 107.98 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| | (D) | 04/23/92 | -- | | -- | -- | -- | -- | -- | -- | -- | -- |
| | | 07/27/92 | 16.52 | | 107.66 | -- | <50 | 1.2 | 0.6 | <0.5 | 1.9 | -- |
| | | 10/26/92 | 17.12 | | 107.06 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| | | 01/29/93 | 13.13 | | 111.05 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| | | 04/30/93 | 14.86 | | 109.32 | -- | <50 | <0.5 | <0.5 | <0.5 | 0.6 | -- |
| | | 07/14/93 | 14.61 | | 109.57 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| | | 10/27/93 | 15.38 | | 108.80 | -- | <50 | 0.9 | 1.0 | 0.6 | 1.0 | -- |

# Table 1

## Groundwater Monitoring and Analytical Results

Chevron Service Station #9-8139
16304 Foothill Boulevard
San Leandro, California

| WELL ID/ TOC* (ft.) | | DATE | DTW (ft.) | S.I. (ft.bgs) | GWE (msl) | SPHT (ft.) | TPH-G (ppb) | B (ppb) | T (ppb) | E (ppb) | X (ppb) | MTBE (ppb) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW-6 | | 01/13/94 | 15.34 | -- | 108.84 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| (cont) | | 04/22/94 | 15.07 | | 109.11 | -- | <50 | <0.5 | <0.5 | <0.5 | 2.5 | -- |
| | | 07/29/94 | 15.30 | | 108.88 | -- | <50 | 7.5 | 1.2 | 1.0 | 1.1 | -- |
| | | 10/25/94 | 15.69 | | 108.49 | -- | <50 | <0.5 | <0.5 | <0.5 | 1.2 | -- |
| | | 01/19/95 | 11.49 | | 112.69 | -- | <50 | <0.5 | 3.1 | <0.5 | 0.6 | -- |
| | | 10/11/95 | 14.16 | | 110.02 | -- | -- | -- | -- | -- | -- | -- |
| | | 11/07/95 | 14.30 | | 109.88 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| | | 04/11/96 | 10.63 | | 113.55 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| | | 10/03/96 | 13.34 | | 110.84 | -- | -- | -- | -- | -- | -- | -- |
| | | ABANDONED | | | | | | | | | | |
| **MW-7** | | | | | | | | | | | | |
| 126.86 | | 03/23/90 | 21.40 | -- | 105.46 | -- | -- | -- | -- | -- | -- | -- |
| | | 05/25/90[5] | -- | | -- | -- | <50 | <2.0 | <3.0 | <3.0 | <3.0 | <0.02 |
| | | 09/07/90 | 18.38 | | 108.48 | -- | -- | -- | -- | -- | -- | -- |
| | | 09/25/90 | 19.25 | | 107.61 | -- | -- | -- | -- | -- | -- | -- |
| | | 09/27/90[3] | -- | | -- | -- | <50 | <2.0 | <3.0 | <3.0 | <3.0 | <0.05 |
| | (D) | 09/27/90[3] | -- | | -- | -- | <50 | <2.0 | <3.0 | <3.0 | <3.0 | <0.05 |
| | | 11/29/90 | 18.55 | | 108.31 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| | | 02/20/91 | 18.55 | | 108.31 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| | | 04/19/91 | 17.33 | | 109.53 | -- | -- | -- | -- | -- | -- | -- |
| | | 05/22/91 | 17.42 | | 109.44 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| | | 08/22/91 | 19.05 | | 107.81 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| | | 11/13/91 | 21.84 | | 105.02 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| | | 01/30/92 | 22.42 | | 104.44 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| | | 04/23/92 | 22.04 | | 104.82 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| | | 07/27/92 | 22.24 | | 104.62 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| | | 10/26/92 | 22.11 | | 104.75 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| | | 01/29/93 | 17.07 | | 109.79 | -- | <50 | 4.0 | 13 | 2.0 | 8.0 | -- |
| | | 04/30/93 | 14.86 | | 112.00 | -- | <50 | <0.5 | <0.5 | <0.5 | 0.6 | -- |
| | | 07/14/93 | 16.10 | | 110.76 | -- | <50 | <0.5 | 1.0 | <0.5 | 2.0 | -- |
| | | 10/27/93 | 18.71 | | 108.15 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| | | 01/13/94 | 17.89 | | 108.97 | -- | <50 | <0.5 | 0.9 | <0.5 | 1.0 | -- |

# Table 1

## Groundwater Monitoring and Analytical Results

Chevron Service Station #9-8139
16304 Foothill Boulevard
San Leandro, California

| WELL ID/ TOC* (ft.) | | DATE | DTW (ft.) | S.I. (ft.bgs) | GWE (msl) | SPHT (ft.) | TPH-G (ppb) | B (ppb) | T (ppb) | E (ppb) | X (ppb) | MTBE (ppb) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW-7 | | 04/22/94 | 16.94 | -- | 109.92 | -- | <50 | <0.5 | <0.5 | <0.5 | 1.3 | -- |
| (cont) | | 07/29/94 | 16.70 | | 110.16 | -- | 74 | 19 | 8.2 | 7.8 | 11 | -- |
| | | 10/25/94 | 17.42 | | 109.44 | -- | <50 | <0.5 | 0.6 | <0.5 | 1.6 | -- |
| | | 01/19/95 | 13.66 | | 113.20 | -- | <50 | <0.5 | 1.4 | <0.5 | <0.5 | -- |
| | | ABANDONED | | | | | | | | | | |
| **MW-8** | | | | | | | | | | | | |
| 123.61 | | 09/07/90[3] | 16.07 | -- | 107.54 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <0.05 |
| | | 09/25/90 | 16.20 | | 107.41 | -- | -- | -- | -- | -- | -- | -- |
| | | 11/29/90 | 16.30 | | 107.31 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| | (D) | 11/29/90 | -- | | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| | | 02/20/91 | 16.32 | | 107.29 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| | | 04/19/91 | 14.71 | | 108.90 | -- | -- | -- | -- | -- | -- | -- |
| | | 05/22/91 | 15.42 | | 108.19 | -- | <50 | 0.6 | <0.5 | <0.5 | 1.0 | -- |
| | | 08/22/91 | 17.15 | | 106.46 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| | | 11/14/91 | 16.99 | | 106.62 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| | | 01/30/92 | 16.30 | | 107.31 | -- | <50 | 1.0 | 0.7 | <0.5 | 1.1 | -- |
| | | 04/23/92 | 15.05 | | 108.56 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| | | 07/27/92 | 16.08 | | 107.53 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| | | 10/26/92 | 16.72 | | 106.89 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| | | 01/29/93 | 12.82 | | 110.79 | -- | 1,400 | 470 | 470 | 37 | 160 | -- |
| | | 04/30/93 | 13.54 | | 110.07 | -- | 1,600 | <13 | 15 | 18 | 29 | -- |
| | | 07/14/93 | 14.65 | | 108.96 | -- | <50 | <0.5 | 0.7 | <0.5 | 2.0 | -- |
| | | 10/27/93 | 15.04 | | 108.57 | -- | <50 | 3.0 | 4.0 | 2.0 | 4.0 | -- |
| | | 01/13/94 | 15.14 | | 108.47 | -- | <50 | <0.5 | 4.0 | <0.5 | <0.5 | -- |
| | | 04/22/94 | 15.01 | | 108.60 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| | | 07/28/94 | 14.70 | | 108.91 | -- | 69 | 7.3 | 18 | 3.3 | 12 | -- |
| | | 10/25/94 | 15.20 | | 108.41 | -- | <50 | <0.5 | 0.8 | <0.5 | 1.6 | -- |
| | | 01/19/95 | 12.00 | | 111.61 | -- | <50 | <0.5 | 3.1 | <0.5 | 0.7 | -- |
| | | 05/01/95 | 11.40 | | 112.21 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| | | 04/03/97 | 11.72 | | 111.89 | -- | <200 | <2.0 | <2.0 | <2.0 | <2.0 | 610 |
| | | 10/07/97 | 13.60 | | 110.01 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | 500 |
| | | 04/14/98 | 8.75 | | 114.86 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | 120 |

# Table 1

## Groundwater Monitoring and Analytical Results

Chevron Service Station #9-8139
16304 Foothill Boulevard
San Leandro, California

| WELL ID/ TOC*(ft.) | DATE | DTW (ft.) | S.I. (ft.bgs) | GWE (msl) | SPHT (ft.) | TPH-G (ppb) | B (ppb) | T (ppb) | E (ppb) | X (ppb) | MTBE (ppb) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| MW-8 | 10/13/98 | 12.72 | -- | 110.89 | -- | 270 | <0.5 | <0.5 | <0.5 | <0.5 | 2,600 |
| (cont) | 04/16/99 | 11.55 | | 112.06 | -- | 480 | <2.0 | <2.0 | <2.0 | <2.0 | 5,000 |
| | 07/29/99[6] | 12.35 | | 111.26 | -- | -- | -- | -- | -- | -- | -- |
| | 10/26/99 | 12.68 | | 110.93 | -- | 1,890 | <5.0 | 12.1 | <5.0 | <5.0 | 39,000 |
| | 04/07/00[9] | 11.24 | | 112.37 | 0.00 | <500 | <5.0 | <5.0 | <5.0 | <5.0 | 2,500 |
| | 10/10/00[9] | 12.76 | | 110.85 | 0.00 | 295[11] | <0.500 | <0.500 | <0.500 | <0.500 | 19,500 |
| | 04/03/01[9] | 12.09 | | 111.52 | 0.00 | 3,340 | 2.84 | 3.05 | <0.500 | 2.58 | 21,500 |
| | 08/14/01[13] | 13.06 | | 110.55 | 0.00 | 2,800[14] | <20 | <20 | <20 | <20 | 25,000 |
| | 11/16/01 | 13.07 | | 110.54 | 0.00 | 3,000 | <1.0 | 1.1 | <1.0 | <3.0 | 16,000/19,000[15] |
| | 02/15/02 | 12.71 | | 110.90 | 0.00 | 2,000 | <0.50 | <0.50 | <0.50 | <1.5 | 15,000/19,000[15] |
| | 05/09/02 | 12.95 | | 110.66 | 0.00 | 3,900 | <1.0 | <1.0 | <1.0 | <3.0 | 16,000/15,000[15] |
| | 08/05/02 | 13.51 | | 110.10 | 0.00 | 4,000 | <1.0 | <1.0 | <1.0 | <3.0 | 16,000/15,000[15] |
| | 11/04/02 | 13.85 | | 109.76 | 0.00 | 2,800 | <0.50 | 0.77 | <0.50 | <1.5 | 15,000/17,000[15] |
| | 02/05/03 | 12.60 | | 111.01 | 0.00 | 3,600 | <20 | <2.5 | <2.5 | <7.5 | 16,000/18,000[15] |
| | 05/07/03 | 12.00 | | 111.61 | 0.00 | 2,800 | <2.5 | <2.5 | <2.5 | <7.5 | 14,000/13,000[15] |
| | **08/11/03[16]** | **13.12** | | **110.49** | **0.00** | **2,400** | **<10** | **<10** | **<10** | **<10** | **13,000** |
| **MW-9** | | | | | | | | | | | |
| 124.20 | 08/22/91[3] | 17.60 | -- | 106.60 | -- | 9,600 | 46 | 170 | 98 | 1,200 | <0.05 |
| | 11/14/91[3] | 17.48 | | 106.72 | -- | 11,000 | 130 | 58 | 86 | 1,500 | <0.05 |
| | 01/30/92 | 16.71 | | 107.49 | -- | 11,000 | 210 | 29 | 110 | 1,900 | -- |
| | 04/23/92 | 15.23 | | 108.97 | -- | 17,000 | 180 | 25 | 100 | 1,900 | -- |
| | 07/27/92 | 16.72 | | 107.48 | -- | 2,800 | 59 | 1.6 | 18 | 280 | -- |
| | 10/26/92 | 17.22 | | 106.98 | -- | 3,200 | 38 | <0.5 | 19 | 200 | -- |
| | 01/29/93 | 13.39 | | 110.81 | -- | 1,300 | 23 | 6.0 | 8.0 | 100 | -- |
| | 04/30/93 | 14.00 | | 110.20 | -- | <1,300 | ~~<13~~ | <13 | <13 | 58 | -- |
| | 07/14/93 | 15.08 | | 109.12 | -- | 1,300 | 25 | 4.0 | 15 | 120 | -- |
| | 10/27/93 | 15.62 | | 108.58 | -- | 1,100 | 21 | 10 | 19 | 73 | -- |
| | 01/13/94 | 15.59 | | 108.61 | -- | 80 | 0.7 | 3.0 | 0.6 | 3.0 | -- |
| | 04/22/94 | 15.43 | | 108.77 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| | 07/29/94 | 15.20 | | 109.00 | -- | 1,400 | 19 | 11 | 11 | 69 | -- |
| | 10/25/94 | 15.70 | | 108.50 | -- | 1,200 | 11 | 2.0 | 7.6 | 28 | -- |
| | 01/19/95 | 12.58 | | 111.62 | -- | 380 | 1.6 | 4.3 | 1.5 | 11 | -- |

# Table 1

## Groundwater Monitoring and Analytical Results

Chevron Service Station #9-8139
16304 Foothill Boulevard
San Leandro, California

| WELL ID/ TOC* (ft.) | DATE | DTW (ft.) | S.I. (ft.bgs) | GWE (msl) | SPHT (ft.) | TPH-G (ppb) | B (ppb) | T (ppb) | E (ppb) | X (ppb) | MTBE (ppb) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| MW-9 | 05/01/95 | 11.96 | -- | 112.24 | -- | 350 | 1.1 | <0.5 | 1.8 | 2.3 | -- |
| (cont) | 10/12/95 | 13.85 | | 110.35 | -- | 1,700 | 3.8 | <2.5 | 5.3 | 7.8 | 18 |
| | 04/11/96 | 11.87 | | 112.33 | -- | 140 | <0.5 | <0.5 | <0.5 | <0.5 | 2.8 |
| | 10/03/96 | 14.07 | | 110.13 | -- | 53 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| | 04/03/97 | 12.38 | | 111.82 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| | 10/07/97 | 14.14 | | 110.06 | -- | 66 | 1.3 | <0.5 | <0.5 | <0.5 | <2.5 |
| | 04/14/98 | 9.55 | | 114.65 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| | 10/13/98 | 12.61 | | 111.59 | -- | 190 | <0.5 | <0.5 | <0.5 | <0.5 | 1,900 |
| | 04/16/99 | 11.01 | | 113.19 | -- | 3,800 | <12 | <12 | <12 | <12 | 4,400 |
| | 07/29/99[6] | 12.85 | | 111.35 | -- | -- | -- | -- | -- | -- | -- |
| | 10/26/99 | 13.24 | | 110.96 | -- | 88.6 | <0.5 | <0.5 | <0.5 | <0.5 | 530 |
| | 04/07/00[9] | 11.68 | | 112.52 | 0.00 | <5,000 | <50 | <50 | <50 | <50 | 27,000 |
| | 10/10/00[9] | 13.30 | | 110.90 | 0.00 | <50.0 | <0.500 | <0.500 | <0.500 | <0.500 | 322 |
| | 04/03/01[9] | 12.69 | | 111.51 | 0.00 | 258 | <0.500 | <0.500 | <0.500 | 0.743 | 1,300 |
| | 08/14/01[13] | 13.60 | | 110.60 | 0.00 | 170[14] | <0.50 | <0.50 | <0.50 | <0.50 | 1,300 |
| | 11/16/01 | 13.81 | | 110.39 | 0.00 | 100 | <0.50 | 0.99 | <0.50 | <1.5 | 330/330[15] |
| | 02/15/02 | 13.32 | | 110.88 | 0.00 | <50 | <0.50 | <0.50 | <0.50 | <1.5 | 220/240[15] |
| | 05/09/02 | 13.50 | | 110.70 | 0.00 | 300 | <0.50 | <0.50 | <0.50 | <1.5 | 970/940[15] |
| | 08/05/02 | 14.10 | | 110.10 | 0.00 | 110 | <0.50 | <0.50 | <0.50 | <1.5 | 470/420[15] |
| | 11/04/02 | 14.41 | | 109.79 | 0.00 | 110 | <0.50 | 0.67 | <0.50 | <1.5 | 530/520[15] |
| | 02/05/03 | 13.17 | | 111.03 | 0.00 | 70 | <0.50 | <0.50 | <0.50 | <1.5 | 320/340[15] |
| | 05/07/03 | 12.65 | | 111.55 | 0.00 | 87 | <0.5 | 0.7 | <0.5 | <1.5 | 440/390[15] |
| | **08/11/03[16]** | **13.71** | | **110.49** | **0.00** | **74** | **<0.5** | **<0.5** | **<0.5** | **<0.5** | **370** |
| **MW-10** | | | | | | | | | | | |
| 125.03 | 07/27/92 | 17.52 | -- | 107.51 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| | 10/27/92 | 18.06 | | 106.97 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| | 01/29/93 | 14.15 | | 110.88 | -- | <50 | <0.5 | <0.5 | <0.5 | 0.7 | -- |
| | 04/30/93 | 14.68 | | 110.35 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| | 07/14/93 | 15.80 | | 109.23 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| | 10/27/93 | 16.33 | | 108.70 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| | 01/13/94 | 16.29 | | 108.74 | -- | <50 | <0.5 | 0.5 | <0.5 | <0.5 | -- |
| | 04/22/94 | 16.15 | | 108.88 | -- | <50 | <0.5 | <0.5 | <0.5 | 1.1 | -- |

# Table 1

## Groundwater Monitoring and Analytical Results

Chevron Service Station #9-8139

16304 Foothill Boulevard

San Leandro, California

| WELL ID/ TOC*(ft.) | DATE | DTW (ft.) | S.I. (ft.bgs) | GWE (msl) | SPHT (ft.) | TPH-G (ppb) | B (ppb) | T (ppb) | E (ppb) | X (ppb) | MTBE (ppb) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| MW-10 | 07/29/94 | 15.85 | -- | 109.18 | -- | <50 | 0.8 | 2.1 | 0.5 | 1.3 | -- |
| (cont) | 10/25/94 | 16.41 | | 108.62 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| | 01/19/95 | 13.29 | | 111.74 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| | 05/01/95 | 12.60 | | 112.43 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| | 10/11/95 | 14.54 | | 110.49 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| | 04/11/96 | 12.47 | | 112.56 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| | 10/03/96 | 14.74 | | 110.29 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| | 04/03/97 | 12.99 | | 112.04 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| | 10/07/97 | 14.86 | | 110.17 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| | 04/14/98 | 10.24 | | 114.79 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| 124.69 | 10/13/98[7] | 13.06 | | 111.63 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| | 04/16/99 | 11.80 | | 112.89 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| | 10/26/99 | 13.43 | | 111.26 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| | 04/07/00 | 12.00 | | 112.69 | 0.00 | -- | -- | -- | -- | -- | -- |
| | 10/10/00 | 13.59 | | 111.10 | 0.00 | <50.0 | <0.500 | <0.500 | <0.500 | <0.500 | <2.50 |
| | 04/03/01 | 13.00 | | 111.69 | 0.00 | <50.0 | <0.500 | <0.500 | <0.500 | 0.580 | <0.500 |
| | 08/14/01 | 13.91 | | 110.78 | 0.00 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <2.5 |
| | 11/16/01 | 13.94 | | 110.75 | 0.00 | <50 | <0.50 | <0.50 | <0.50 | <1.5 | <2.5/<2[15] |
| | 02/15/02 | 13.65 | | 111.04 | 0.00 | <50 | <0.50 | <0.50 | <0.50 | <1.5 | <2.5 |
| | 05/09/02 | 13.87 | | 110.82 | 0.00 | <50 | <0.50 | <0.50 | <0.50 | <1.5 | <2.5 |
| | 08/05/02 | 14.45 | | 110.24 | 0.00 | <50 | <0.50 | <0.50 | <0.50 | <1.5 | <2.5 |
| | 11/04/02 | 14.77 | | 109.92 | 0.00 | <50 | <0.50 | 1.2 | <0.50 | <1.5 | <2.5/<2[15] |
| | 02/05/03 | 13.49 | | 111.20 | 0.00 | <50 | <0.50 | <0.50 | <0.50 | <1.5 | <2.5 |
| | 05/07/03 | 12.99 | | 111.70 | 0.00 | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 |
| | **08/11/03[16]** | **14.04** | | **110.65** | **0.00** | **<50** | **<0.5** | **<0.5** | **<0.5** | **<0.5** | **<0.5** |
| **MW-11** | | | | | | | | | | | |
| 122.92 | 07/27/92 | 15.38 | -- | 107.54 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| | 10/26/92 | 15.97 | | 106.95 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| | 01/29/93 | 12.24 | | 110.68 | -- | <50 | 8.0 | 16 | 2.0 | 10 | -- |
| | 04/30/93 | 12.77 | | 110.15 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| | 07/14/93 | 13.84 | | 109.08 | -- | <50 | <0.5 | 0.7 | <0.5 | 1.0 | -- |
| | 10/27/93 | 14.23 | | 108.69 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |

# Table 1

## Groundwater Monitoring and Analytical Results

Chevron Service Station #9-8139
16304 Foothill Boulevard
San Leandro, California

| WELL ID/ TOC* (ft.) | DATE | DTW (ft.) | S.I. (ft.bgs) | GWE (msl) | SPHT (ft.) | TPH-G (ppb) | B (ppb) | T (ppb) | E (ppb) | X (ppb) | MTBE (ppb) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| MW-11 | 01/13/94 | 14.24 | -- | 108.68 | -- | <50 | <0.5 | 1.0 | <0.5 | <0.5 | -- |
| (cont) | 04/22/94 | 14.08 | | 108.84 | -- | <50 | <0.5 | 0.5 | <0.5 | 1.4 | -- |
| | 07/29/94 | 13.90 | | 109.02 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| | 10/25/94 | 14.38 | | 108.54 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| | 01/19/95 | 11.45 | | 111.47 | -- | <50 | <0.5 | 1.8 | <0.5 | <0.5 | -- |
| | 05/01/95 | 11.10 | | 111.82 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| | 10/11/95 | 12.57 | | 110.35 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| | 04/11/96 | 11.05 | | 111.87 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| | 10/03/96 | 12.92 | | 110.00 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| | 04/03/97 | 11.22 | | 111.70 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| | 10/07/97 | 13.05 | | 109.87 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| | 04/14/98 | 9.05 | | 113.87 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| | 10/13/98 | 12.34 | | 110.58 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| | 04/16/99 | 10.73 | | 112.19 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| | 10/26/99 | 11.97 | | 110.95 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| | 04/07/00 | 10.90 | | 112.02 | 0.00 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <2.5 |
| | 10/10/00 | 12.09 | | 110.83 | 0.00 | <50.0 | <0.500 | <0.500 | <0.500 | <0.500 | <2.50 |
| | 04/03/01 | 11.59 | | 111.33 | 0.00 | <50.0 | <0.500 | <0.500 | <0.500 | <0.500 | <0.500 |
| | 08/14/01 | 12.40 | | 110.52 | 0.00 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <2.5 |
| | 11/16/01 | 13.45 | | 109.47 | 0.00 | <50 | <0.50 | 0.73 | <0.50 | <1.5 | <2.5/<2[15] |
| | 02/15/02 | 12.24 | | 110.68 | 0.00 | <50 | <0.50 | <0.50 | <0.50 | <1.5 | <2.5 |
| | 05/09/02 | 12.44 | | 110.48 | 0.00 | <50 | <0.50 | 1.0 | <0.50 | <1.5 | <2.5 |
| | 08/05/02 | 12.97 | | 109.95 | 0.00 | <50 | <0.50 | <0.50 | <0.50 | <1.5 | <2.5 |
| | 11/04/02 | 13.28 | | 109.64 | 0.00 | <50 | <0.50 | <0.50 | <0.50 | <1.5 | <2.5/<2[15] |
| | 02/05/03 | 12.07 | | 110.85 | 0.00 | <50 | <0.50 | <0.50 | <0.50 | <1.5 | <2.5 |
| | 05/07/03 | 11.58 | | 111.34 | 0.00 | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 |
| | **08/11/03[16]** | **12.61** | | **110.31** | **0.00** | **<50** | **<0.5** | **<0.5** | **<0.5** | **<0.5** | **<0.5** |
| **MW-12** | 09/01/00[10] | 11.69 | 10-28.5 | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/10/00 | 12.13 | | -- | 0.00 | <50.0 | <0.500 | <0.500 | <0.500 | <0.500 | <2.50 |
| | 04/03/01 | 11.35 | | -- | 0.00 | <50.0 | <0.500 | <0.500 | <0.500 | <0.500 | <0.500 |
| 122.36 | 08/14/01 | 12.21 | | 110.15 | 0.00 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <2.5 |
| | 11/16/01 | 12.72 | | 109.64 | 0.00 | <50 | <0.50 | 0.59 | <0.50 | <1.5 | <2.5/<2[15] |

# Table 1

## Groundwater Monitoring and Analytical Results

Chevron Service Station #9-8139

16304 Foothill Boulevard

San Leandro, California

| WELL ID/ TOC*(ft.) | DATE | DTW (ft.) | S.I. (ft.bgs) | GWE (msl) | SPHT (ft.) | TPH-G (ppb) | B (ppb) | T (ppb) | E (ppb) | X (ppb) | MTBE (ppb) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| MW-12 | 02/15/02 | 11.98 | 10-28.5 | 110.38 | 0.00 | <50 | <0.50 | <0.50 | <0.50 | <1.5 | <2.5 |
| (cont) | 05/09/02 | 12.17 | | 110.19 | 0.00 | <50 | <0.50 | <0.50 | <0.50 | <1.5 | <2.5 |
| | 08/05/02 | 12.69 | | 109.67 | 0.00 | <50 | <0.50 | <0.50 | <0.50 | <1.5 | <2.5 |
| | 11/04/02 | 12.98 | | 109.38 | 0.00 | <50 | <0.50 | <0.50 | <0.50 | <1.5 | <2.5/<2[15] |
| | 02/05/03 | 11.81 | | 110.55 | 0.00 | <50 | <0.50 | <0.50 | <0.50 | <1.5 | <2.5 |
| | 05/07/03 | 11.28 | | 111.08 | 0.00 | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 |
| | **08/11/03[16]** | **12.33** | | **110.03** | **0.00** | **<50** | **<0.5** | **<0.5** | **<0.5** | **<0.5** | **<0.5** |
| **MW-13** | 09/01/00[10] | 11.57 | 19-34 | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/10/00 | 11.83 | | -- | 0.00 | <50.0 | <0.500 | <0.500 | <0.500 | <0.500 | 28.0 |
| | 04/03/01 | 11.46 | | -- | 0.00 | <50.0 | <0.500 | <0.500 | <0.500 | <0.500 | <0.500 |
| 121.49 | 08/14/01 | 12.36 | | 109.13 | 0.00 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <2.5 |
| | 11/16/01 | 12.08 | | 109.41 | 0.00 | <50 | <0.50 | 0.64 | <0.50 | <1.5 | <2.5/<2[15] |
| | 02/15/02 | 11.81 | | 109.68 | 0.00 | <50 | <0.50 | <0.50 | <0.50 | <1.5 | <2.5 |
| | 05/09/02 | 12.00 | | 109.49 | 0.00 | <50 | <0.50 | <0.50 | <0.50 | <1.5 | <2.5 |
| | 08/05/02 | 12.48 | | 109.01 | 0.00 | <50 | <0.50 | <0.50 | <0.50 | <1.5 | <2.5/<2[15] |
| | 11/04/02 | 12.71 | | 108.78 | 0.00 | <50 | <0.50 | <0.50 | <0.50 | <1.5 | <2.5/<2[15] |
| | 02/05/03 | 11.51 | | 109.98 | 0.00 | <50 | <0.50 | <0.50 | <0.50 | <1.5 | <2.5 |
| | 05/07/03 | 10.81 | | 110.68 | 0.00 | <50 | <0.5 | 0.6 | <0.5 | <1.5 | <2.5 |
| | **08/11/03[16]** | **12.15** | | **109.34** | **0.00** | **<50** | **<0.5** | **<0.5** | **<0.5** | **<0.5** | **<0.5** |
| **MW-14** | 09/01/00[10] | 11.96 | 15-30 | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/10/00 | 12.33 | | -- | 0.00 | 79.9[11] | <0.500 | <0.500 | <0.500 | <0.500 | 854 |
| | 04/03/01 | 11.62 | | -- | 0.00 | 494 | <0.500 | <0.500 | <0.500 | <0.500 | 3,150 |
| 122.04 | 08/14/01 | 12.55 | | 109.49 | 0.00 | <1,000 | ~~<10~~ | <10 | <10 | <10 | 2,600 |
| | 11/16/01 | 12.55 | | 109.49 | 0.00 | 1,500 | <0.50 | 0.84 | <0.50 | <1.5 | 7,800/8,200[15] |
| | 02/15/02 | 12.31 | | 109.73 | 0.00 | 1,100 | <0.50 | <0.50 | <0.50 | <1.5 | 6,300/6,000[15] |
| | 05/09/02 | 12.52 | | 109.52 | 0.00 | 1,500 | <0.50 | <0.50 | <0.50 | <1.5 | 6,900/6,300[15] |
| | 08/05/02 | 12.94 | | 109.10 | 0.00 | 870 | <0.50 | <0.50 | <0.50 | <1.5 | 3,700/3,600[15] |
| | 11/04/02 | 13.17 | | 108.87 | 0.00 | 890 | <0.50 | <0.50 | <0.50 | <1.5 | 4,400/4,700[15] |

# Table 1

## Groundwater Monitoring and Analytical Results

Chevron Service Station #9-8139

16304 Foothill Boulevard

San Leandro, California

| WELL ID/ TOC* (ft.) | DATE | DTW (ft.) | S.I. (ft.bgs) | GWE (msl) | SPHT (ft.) | TPH-G (ppb) | B (ppb) | T (ppb) | E (ppb) | X (ppb) | MTBE (ppb) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| MW-14 | 02/05/03 | 12.41 | 15-30 | 109.63 | 0.00 | 880 | <0.50 | <0.50 | <0.50 | <1.5 | 4,500/4,500[15] |
| (cont) | 05/07/03 | 11.50 | | 110.54 | 0.00 | 530 | <0.5 | 0.6 | <0.5 | <1.5 | 2,400/1,800[15] |
| | **08/11/03[16]** | **12.63** | | **109.41** | **0.00** | **290** | **<1** | **<1** | **<1** | **<1** | **1,500** |
| **EW-1** | 05/25/90 | -- | -- | -- | -- | 3,900 | 260 | 430 | 64 | 340 | 0.03 |
| 124.95 | 08/01/91 | 17.54 | | 107.41 | -- | -- | -- | -- | -- | -- | -- |
| | 10/27/93 | -- | | -- | -- | 350 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| | 01/13/94 | -- | | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| | 04/22/94 | -- | | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| | 07/29/94 | -- | | -- | -- | 97 | 0.6 | 0.5 | 0.6 | 5.1 | -- |
| | 01/19/95 | 12.63 | | 112.32 | -- | 3,000 | 1,600 | 100 | 350 | 760 | -- |
| | ABANDONED | | | | | | | | | | |
| **EW-2** | | | | | | | | | | | |
| 125.79 | 08/01/91 | 18.07 | -- | 107.72 | -- | -- | -- | -- | -- | -- | -- |
| | 04/22/94 | -- | | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| | 10/25/94 | 16.69 | | 109.10 | -- | -- | -- | -- | -- | -- | -- |
| | 01/19/95 | 12.20 | | 113.59 | -- | 1,700 | 540 | 69 | 56 | 400 | -- |
| | 05/01/95 | 12.16 | | 113.63 | -- | <50 | 13 | <0.5 | <0.5 | 2.1 | -- |
| | 04/16/99 | 10.04 | | 115.75 | -- | 3,500 | 350 | 160 | 130 | 550 | 3,800 |
| | 07/29/99 | INACCESSIBLE | | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/26/99 | 13.82 | | 111.97 | -- | 2,760 | 20.6 | 17.8 | 40.2 | 196 | 13,300 |
| | 04/07/00 | 10.94 | | 114.85 | 0.00 | 4,100[8] | 480 | 21 | 310 | 560 | 6,800 |
| | 10/10/00 | 13.32 | | 112.47 | 0.00 | 3,010[12] | 14.4 | <5.00 | 61.0 | 28.2 | 15,700 |
| | 04/03/01 | 12.57 | | 113.22 | 0.00 | 2,870 | 11.2 | 5.63 | 50.2 | 35.3 | 5,140 |
| 125.52 | 08/14/01 | 14.31 | | 111.21 | 0.00 | <5,000 | <50 | <50 | <50 | <50 | 16,000 |
| | 11/16/01 | 14.21 | | 111.31 | 0.00 | 2,300 | 3.2 | 0.58 | 13 | 6.3 | 4,100/5,300[15] |
| | 02/15/02 | 13.74 | | 111.78 | 0.00 | 3,500 | 26 | <0.50 | 74 | 33 | 6,900/8,200[15] |
| | 05/09/02 | 13.98 | | 111.54 | 0.00 | 3,900 | 11 | <0.50 | 14 | 2.5 | 24,000/22,000[15] |
| | 08/05/02 | 14.11 | | 111.41 | 0.00 | 3,600 | <20 | <1.0 | 20 | 6.5 | 15,000/14,000[15] |
| | 11/04/02 | 14.97 | | 110.55 | 0.00 | 3,100 | 7.1 | <1.0 | 1.4 | 2.1 | 5,400/5,600[15] |

# Table 1

## Groundwater Monitoring and Analytical Results

Chevron Service Station #9-8139
16304 Foothill Boulevard
San Leandro, California

| WELL ID/ TOC* (ft.) | DATE | DTW (ft.) | S.I. (ft.bgs) | GWE (msl) | SPHT (ft.) | TPH-G (ppb) | B (ppb) | T (ppb) | E (ppb) | X (ppb) | MTBE (ppb) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| EW-2 | 02/05/03 | 13.41 | -- | 112.11 | 0.00 | 1,300 | 4.7 | <2.0 | 0.65 | <1.5 | 1,600/1,700[15] |
| (cont) | 05/07/03 | 12.61 | | 112.91 | 0.00 | 1,200 | 3.6 | <2.0 | 6.5 | 2.5 | 1,900/2,400[15] |
| | **08/11/03[16]** | **13.95** | | **111.57** | **0.00** | **980** | **<0.5** | **<0.5** | **0.5** | **<0.5** | **350** |
| **EW-3** | | | | | | | | | | | |
| 125.22 | 08/01/91 | 17.49 | -- | 107.73 | -- | -- | -- | -- | -- | -- | -- |
| | 10/27/93 | -- | | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| | 01/13/94 | -- | | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| | 04/22/94 | -- | | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| | 07/29/94 | -- | | -- | -- | <50 | 1.3 | 1.3 | 0.6 | 5.3 | -- |
| | 10/25/94 | 16.20 | | 109.02 | -- | -- | -- | -- | -- | -- | -- |
| | 01/19/95 | 12.71 | | 112.51 | -- | 240 | 45 | 0.8 | 22 | 48 | -- |
| | 04/03/97 | 12.33 | | 112.89 | -- | 450 | 140 | <1.2 | 4.3 | 3.9 | 17 |
| | 10/07/97 | 14.58 | | 110.64 | -- | 1,900 | 510 | <5.0 | 26 | 8.7 | 12 |
| | 04/14/98 | INACCESSIBLE | | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/13/98 | 12.48 | | 112.74 | -- | 1,500 | 130 | <2.5 | 9.0 | 4.7 | 3,600 |
| | 04/16/99 | 11.55 | | 113.67 | -- | 3,800 | 280 | 37 | 270 | 300 | 2,800 |
| | 07/29/99 | INACCESSIBLE | | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/26/99 | 13.49 | | 111.73 | -- | 710 | 204 | 2.87 | 7.31 | 11.8 | 3,760 |
| | 04/07/00 | 11.41 | | 113.81 | 0.00 | 1,100[8] | 30 | <5.0 | 20 | 48 | 2,800 |
| | 10/10/00 | 13.55 | | 111.67 | 0.00 | 119[12] | 2.77 | <0.500 | 4.65 | 2.77 | 172 |
| | 04/03/01 | 12.73 | | 112.49 | 0.00 | 1,910 | 22.3 | 7.23 | 136 | 116 | 16.1 |
| 125.21 | 08/14/01 | 13.98 | | 111.23 | 0.00 | 1,900[8] | 130 | <5.0 | 39 | 84 | 710 |
| | 11/16/01 | 14.03 | | 111.18 | 0.00 | 8,800 | 110 | 20 | 530 | 840 | 99/99[15] |
| | 02/15/02 | 13.51 | | 111.70 | 0.00 | 1,300 | 18 | 1.1 | 33 | 27 | 600/600[15] |
| | 05/09/02 | 13.75 | | 111.46 | 0.00 | 740 | 22 | <0.50 | 15 | 10 | 390/360[15] |
| | 08/05/02 | 14.28 | | 110.93 | 0.00 | 8,200 | 77 | 21 | 480 | 710 | <20 |
| | 11/04/02 | 14.92 | | 110.29 | 0.00 | 4,300 | 45 | 2.9 | 110 | 83 | <2.5/<2[15] |
| | 02/05/03 | 13.34 | | 111.87 | 0.00 | 1,800 | 45 | 1.7 | 32 | 16 | <20 |
| | 05/07/03 | 12.87 | | 112.34 | 0.00 | 860 | 14 | <2.0 | 5.3 | 1.6 | 180/170[15] |
| | **08/11/03[16]** | **13.86** | | **111.35** | **0.00** | **2,500** | **7** | **5** | **190** | **130** | **0.7** |

# Table 1

## Groundwater Monitoring and Analytical Results

Chevron Service Station #9-8139

16304 Foothill Boulevard

San Leandro, California

| WELL ID/ TOC* (ft.) | DATE | DTW (ft.) | S.I. (ft.bgs) | GWE (msl) | SPHT (ft.) | TPH-G (ppb) | B (ppb) | T (ppb) | E (ppb) | X (ppb) | MTBE (ppb) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **TRIP BLANK** | | | | | | | | | | | |
| TB-LB | 02/20/91 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| | 05/22/91 | -- | | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| | 05/22/91 | -- | | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| | 11/13/91 | -- | | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| | 01/30/92 | -- | | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| | 04/23/92 | -- | | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| | 07/27/92 | -- | | -- | -- | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| | 10/26/92 | -- | | -- | -- | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| | 01/29/93 | -- | | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| | 04/30/93 | -- | | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| | 07/14/93 | -- | | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| | 10/27/93 | -- | | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| | 01/13/94 | -- | | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| | 04/22/94 | -- | | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| | 07/29/94 | -- | | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| | 10/25/94 | -- | | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| | 01/19/95 | -- | | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| | 05/01/95 | -- | | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| | 10/12/95 | -- | | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| | 04/11/96 | -- | | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| | 10/03/96 | -- | | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| | 04/03/97 | -- | | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| | 10/07/97 | -- | | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| | 04/14/98 | -- | | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| | 10/13/98 | -- | | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| | 04/16/99 | -- | | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| | 04/07/00 | -- | | -- | -- | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <2.5 |
| | 10/10/00 | -- | | -- | -- | <50.0 | <0.500 | <0.500 | <0.500 | <0.500 | <2.50 |
| | 04/03/01 | -- | | -- | -- | <50.0 | <0.500 | <0.500 | <0.500 | <0.500 | <0.500 |
| | 08/14/01 | -- | | -- | -- | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <2.5 |
| QA | 11/16/01 | -- | | -- | -- | <50 | <0.50 | <0.50 | <0.50 | <1.5 | <2.5 |
| | 02/15/02 | -- | | -- | -- | <50 | <0.50 | <0.50 | <0.50 | <1.5 | <2.5 |
| | 05/09/02 | -- | | -- | -- | <50 | <0.50 | <0.50 | <0.50 | <1.5 | <2.5 |

# Table 1

**Groundwater Monitoring and Analytical Results**

Chevron Service Station #9-8139

16304 Foothill Boulevard

San Leandro, California

| WELL ID/ TOC* *(ft.)* | DATE | DTW *(ft.)* | S.I. *(ft.bgs)* | GWE *(msl)* | SPHT *(ft.)* | TPH-G *(ppb)* | B *(ppb)* | T *(ppb)* | E *(ppb)* | X *(ppb)* | MTBE *(ppb)* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| QA (cont) | 08/05/02 | -- | -- | -- | -- | <50 | <0.50 | <0.50 | <0.50 | <1.5 | <2.5 |
| | 11/04/02 | -- | | -- | -- | <50 | <0.50 | <0.50 | <0.50 | <1.5 | <2.5 |
| | 02/05/03 | -- | | -- | -- | <50 | <0.50 | <0.50 | <0.50 | <1.5 | <2.5 |
| | 05/07/03 | -- | | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 |
| | **08/11/03[16]** | **--** | | **--** | -- | **<50** | **<0.5** | **<0.5** | **<0.5** | **<0.5** | **<0.5** |

# Table 1

**Groundwater Monitoring and Analytical Results**

Chevron Service Station #9-8139

16304 Foothill Boulevard

San Leandro, California

**EXPLANATIONS:**

Groundwater monitoring data and laboratory analytical results prior to April 7, 2000, were compiled from reports prepared by Blaine Tech Services, Inc.

TOC = Top of Casing
(ft.) = Feet
DTW = Depth to Water
S.I. = Screen Interval
(ft.bgs) = Feet Below Ground Surface
GWE = Groundwater Elevation
(msl) = Mean sea level

SPHT = Separate Phase Hydrocarbon Thickness
TPH-G = Total Petroleum Hydrocarbons as Gasoline
B = Benzene
T = Toluene
E = Ethylbenzene
X = Xylenes
MTBE = Methyl tertiary butyl ether

(ppb) = Parts per billion
-- = Not Measured/Not Analyzed
(D) = Duplicate
ND = Not Detected
QA = Quality Assurance/Trip Blank

* TOC elevations were surveyed on September 16, 2000, by Virgil Chavez Land Surveying. The benchmark used for the survey was a copper disc set in the top of headwall on the east side of Foothill, approximately 158 feet south of Miramar Avenue, stamped EBMUD 17B, (Benchmark Elev. = 127.162 feet, NAVD 29).

1 Total Petroleum Hydrocarbons as Diesel (TPH-D) was ND with a detection limit of 1,000 ppb and Total Oil and Grease (TOG) was ND with a detection limit of 5,000 ppb.

2 TOG was ND with a detection limit of 5,000 ppb.

3 Ethylene dibromide (EDB) was <0.05 ppb.

4 EDB was detected at 2.4 ppb.

5 EDB was <0.02 ppb.

6 ORC installed.

7 TOC altered due to wellhead maintenance.

8 Laboratory report indicates gasoline C6-C12.

9 ORC in well.

10 Well development performed.

11 Laboratory report indicates unidentified hydrocarbons C6-C8.

12 Laboratory report indicates weathered gasoline C6-C12.

13 ORC removed from well.

14 Laboratory report indicates unidentified hydrocarbons C6-C12.

15 MTBE by EPA Method 8260.

16 BTEX and MTBE by EPA Method 8260.

# Table 2

## Groundwater Analytical Results - Oxygenate Compounds

Chevron Service Station #9-8139
16304 Foothill Boulevard
San Leandro, California

| WELL ID | DATE | ETHANOL (ppb) | TBA (ppb) | MTBE (ppb) | DIPE (ppb) | ETBE (ppb) | TAME (ppb) | 1,2-DCA (ppb) | EDB (ppb) |
|---|---|---|---|---|---|---|---|---|---|
| MW-8 | 11/04/02 | -- | 250 | 17,000 | <3.0 | <3.0 | 2,600 | <3.0 | <3.0 |
| | 02/05/03 | -- | -- | 18,000 | -- | -- | -- | -- | -- |
| | 05/07/03 | -- | -- | 13,000 | -- | -- | -- | -- | -- |
| | **08/11/03** | **<1,000** | **<100** | **13,000** | **<10** | **<10** | **2,200** | **<10** | **<10** |
| MW-9 | 11/04/02 | -- | <100 | 520 | <2 | <2 | 88 | <2 | <2 |
| | 02/05/03 | -- | -- | 340 | -- | -- | -- | -- | -- |
| | 05/07/03 | -- | -- | 390 | -- | -- | -- | -- | -- |
| | **08/11/03** | **<50** | **<5** | **370** | **<0.5** | **<0.5** | **69** | **<0.5** | **<0.5** |
| MW-10 | 11/04/02 | -- | <100 | <2 | <2 | <2 | <2 | <2 | <2 |
| | **08/11/03** | **<50** | **<5** | **<0.5** | **<0.5** | **<0.5** | **<0.5** | **<0.5** | **<0.5** |
| MW-11 | 11/04/02 | -- | <100 | <2 | <2 | <2 | <2 | <2 | <2 |
| | **08/11/03** | **<50** | **<5** | **<0.5** | **<0.5** | **<0.5** | **<0.5** | **<0.5** | **<0.5** |
| MW-12 | 11/04/02 | -- | <100 | <2 | <2 | <2 | <2 | <2 | <2 |
| | **08/11/03** | **<50** | **<5** | **<0.5** | **<0.5** | **<0.5** | **<0.5** | **<0.5** | **<0.5** |
| MW-13 | 11/04/02 | -- | <100 | <2 | <2 | <2 | <2 | <2 | <2 |
| | **08/11/03** | **<50** | **<5** | **<0.5** | **<0.5** | **<0.5** | **<0.5** | **<0.5** | **<0.5** |
| MW-14 | 11/04/02 | -- | <100 | 4,700 | <2 | <2 | 680 | <2 | <2 |
| | 02/05/03 | -- | -- | 4,500 | -- | -- | -- | -- | -- |
| | 05/07/03 | -- | -- | 1,800 | -- | -- | -- | -- | -- |
| | **08/11/03** | **<100** | **<10** | **1,500** | **<1** | **<1** | **270** | **<1** | **<1** |

# Table 2

## Groundwater Analytical Results - Oxygenate Compounds

Chevron Service Station #9-8139

16304 Foothill Boulevard

San Leandro, California

| WELL ID | DATE | ETHANOL (ppb) | TBA (ppb) | MTBE (ppb) | DIPE (ppb) | ETBE (ppb) | TAME (ppb) | 1,2-DCA (ppb) | EDB (ppb) |
|---|---|---|---|---|---|---|---|---|---|
| **EW-2** | 11/04/02 | -- | 550 | 5,600 | <2.0 | <2.0 | 850 | <2.0 | <2.0 |
| | 02/05/03 | -- | -- | 1,700 | -- | -- | -- | -- | -- |
| | 05/07/03 | -- | -- | 2,400 | -- | -- | -- | -- | -- |
| | **08/11/03** | **<50** | **47** | **350** | **<0.5** | **<0.5** | **120** | **<0.5** | **<0.5** |
| **EW-3** | 11/04/02 | -- | <100 | <2 | <2 | <2 | <2 | <2 | <2 |
| | 05/07/03 | -- | -- | 170 | -- | -- | -- | -- | -- |
| | **08/11/03** | **<50** | **<5** | **0.7** | **<0.5** | **<0.5** | **<0.5** | **<0.5** | **<0.5** |

# Table 2

## Groundwater Analytical Results - Oxygenate Compounds

Chevron Service Station #9-8139
16304 Foothill Boulevard
San Leandro, California

**EXPLANATIONS:**

TBA = Tertiary butyl alcohol
MTBE = Methyl tertiary butyl ether
DIPE = Di-isopropyl ether
ETBE = Ethyl tertiary butyl ether
TAME = Tertiary amyl methyl ether
1,2-DCA = 1,2-Dichloroethane
EDB = 1,2-Dibromoethane
(ppb) = Parts per billion
-- = 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 Products Company, the purge water and decontamination water generated during sampling activities is transported by IWM to McKittrick Waste Management located in McKittrick, California.

# GETTLER-RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-8139 Job Number: 386461
Site Address: 16304 Foothill Blvd. Event Date: 8/11/02 (inclusive)
City: San Leandro, CA Sampler: G.L.

Well ID MW-8 Date Monitored: 8/11/02 Well Condition: OK
Well Diameter (2) 4 in.
Total Depth 30.95 ft.
Depth to Water 13.12 ft.
17.83 xVF 0.17 = 3.02 x3 (case volume) = Estimated Purge Volume: 9 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 |

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

**Sampling Equipment:**
Disposable Bailer ✓
Pressure Bailer
Discrete Bailer
Other:

Time Started: (2400 hrs)
Time Bailed: (2400 hrs)
Depth to Product: ft
Depth to Water: ft
Hydrocarbon Thickness: 0 ft
Visual Confirmation/Description:
Skimmer / Absorbant Sock (circle one)
Amt Removed from Skimmer: gal
Amt Removed from Well: gal
Product Transferred to:

Start Time (purge): 1255 Weather Conditions: Clear
Sample Time/Date: 1340 / 8/11/02 Water Color: Clear Odor: No
Purging Flow Rate: — gpm. Sediment Description:
Did well de-water? No If yes, Time: Volume: gal.

| Time (2400 hr.) | Volume (gal.) | pH | Conductivity (umhos/cm) | Temperature (C/F) | D.O. (mg/L) | ORP (mV) |
|---|---|---|---|---|---|---|
| 1302 | 3 | 7.31 | 737 | 21.6 | | |
| 1315 | 6 | 7.26 | 744 | 21.5 | | |
| 1323 | 9 | 7.27 | 743 | 21.2 | | |
| | | | | | | |
| | | | | | | |

**LABORATORY INFORMATION**

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

Add/Replaced Lock: Add/Replaced Plug: Size:

# GETTLER-RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-8139 Job Number: 386461
Site Address: 16304 Foothill Blvd. Event Date: 8/11/03 (inclusive)
City: San Leandro, CA Sampler: GA

Well ID MW-9 Date Monitored: 8/11/03 Well Condition: OK
Well Diameter 2 4 in.
Total Depth 26.85 ft.
Depth to Water 13.71 ft.

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

13.15 xVF 0.17 = 2.24 x3 (case volume) = Estimated Purge Volume: 7 gal.

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

**Sampling Equipment:**
Disposable Bailer ✓
Pressure Bailer
Discrete Bailer
Other:

Time Started: (2400 hrs)
Time Bailed: (2400 hrs)
Depth to Product: ft
Depth to Water: ft
Hydrocarbon Thickness: 0 ft
Visual Confirmation/Description:
Skimmer / Absorbant Sock (circle one)
Amt Removed from Skimmer: gal
Amt Removed from Well: gal
Product Transferred to:

Start Time (purge): 1205 Weather Conditions: Clear
Sample Time/Date: 1245 / 8/11/03 Water Color: Clear Odor: No
Purging Flow Rate: — gpm. Sediment Description:
Did well de-water? No If yes, Time: Volume: gal.

| Time (2400 hr.) | Volume (gal.) | pH | Conductivity (umhos/cm) | Temperature (C/F) | D.O. (mg/L) | ORP (mV) |
|---|---|---|---|---|---|---|
| 1209 | 2 | 7.29 | 748 | 21.7 | | |
| 1214 | 4 | 7.33 | 735 | 21.6 | | |
| 1225 | 7 | 7.30 | 741 | 21.5 | | |
| | | | | | | |
| | | | | | | |

**LABORATORY INFORMATION**

| SAMPLE ID | (#) CONTAINER | REFRIG. | PRESERV. TYPE | LABORATORY | ANALYSES |
|---|---|---|---|---|---|
| 9 | 6 x voa vial | YES | HCL | LANCASTER | TPH-G(8015)/BTEX+MTBE(8260)/ 8 OXYS(8260) |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

COMMENTS:

Add/Replaced Lock: Add/Replaced Plug: Size:

# GETTLER-RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-8139 Job Number: 386461
Site Address: 16304 Foothill Blvd. Event Date: 8/11/03 (inclusive)
City: San Leandro, CA Sampler: G.R.

Well ID MW-10 Date Monitored: 8/11/03 Well Condition: OK
Well Diameter (2) 4 in.
Total Depth 29.30 ft.
Depth to Water 14.04 ft.

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

15.26 xVF 0.17 = 2.59 x3 (case volume) = Estimated Purge Volume: 8 gal.

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

**Sampling Equipment:**
Disposable Bailer ✓
Pressure Bailer
Discrete Bailer
Other:

Time Started: (2400 hrs)
Time Bailed: (2400 hrs)
Depth to Product: ft
Depth to Water: ft
Hydrocarbon Thickness: 0 ft
Visual Confirmation/Description:
Skimmer / Absorbant Sock (circle one)
Amt Removed from Skimmer: gal
Amt Removed from Well: gal
Product Transferred to:

Start Time (purge): 0730 Weather Conditions: Clear
Sample Time/Date: 0800 / 8/11/03 Water Color: Clear Odor: No
Purging Flow Rate: — gpm. Sediment Description:
Did well de-water? No If yes, Time: Volume: gal.

| Time (2400 hr.) | Volume (gal.) | pH | Conductivity (umhos/cm) | Temperature (C/F) | D.O. (mg/L) | ORP (mV) |
|---|---|---|---|---|---|---|
| 0736 | 3 | 7.31 | 733 | 21.6 | | |
| 0742 | 6 | 7.28 | 742 | 21.5 | | |
| 0746 | 8 | 7.27 | 740 | 21.5 | | |
| | | | | | | |
| | | | | | | |

**LABORATORY INFORMATION**

| SAMPLE ID | (#) CONTAINER | REFRIG. | PRESERV. TYPE | LABORATORY | ANALYSES |
|---|---|---|---|---|---|
| MW-10 | 6 x voa vial | YES | HCL | LANCASTER | TPH-G(8015)/BTEX+MTBE(8260)/ 8 OXYS(8260) |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

COMMENTS:

Add/Replaced Lock: Add/Replaced Plug: Size:

# GETTLER-RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-8139 Job Number: 386461
Site Address: 16304 Foothill Blvd. Event Date: 8/11/03 (inclusive)
City: San Leandro, CA Sampler: G.L

Well ID MW-11 Date Monitored: 8/11/03 Well Condition: OK
Well Diameter (2) 4 in.
Total Depth 29.58 ft.
Depth to Water 12.61 ft.
16.97 xVF 0.17 = 2.88 x3 (case volume) = Estimated Purge Volume: 8.5 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 |

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

**Sampling Equipment:**
Disposable Bailer ✓
Pressure Bailer
Discrete Bailer
Other:

Time Started: (2400 hrs)
Time Bailed: (2400 hrs)
Depth to Product: ft
Depth to Water: ft
Hydrocarbon Thickness: 0 ft
Visual Confirmation/Description:
Skimmer / Absorbant Sock (circle one)
Amt Removed from Skimmer: gal
Amt Removed from Well: gal
Product Transferred to:

Start Time (purge): 1015 Weather Conditions: Clear
Sample Time/Date: 1050 8/11/03 Water Color: Clear Odor: No
Purging Flow Rate: gpm. Sediment Description:
Did well de-water? No If yes, Time: Volume: gal.

| Time (2400 hr.) | Volume (gal.) | pH | Conductivity (umhos/cm) | Temperature (C/F) | D.O. (mg/L) | ORP (mV) |
|---|---|---|---|---|---|---|
| 1022 | 3 | 7.26 | 754 | 21.6 | | |
| 1030 | 6 | 7.28 | 752 | 21.7 | | |
| 1036 | 8.5 | 7.25 | 751 | 21.6 | | |
| | | | | | | |
| | | | | | | |

**LABORATORY INFORMATION**

| SAMPLE ID | (#) CONTAINER | REFRIG. | PRESERV. TYPE | LABORATORY | ANALYSES |
|---|---|---|---|---|---|
| MW-11 | 6 x voa vial | YES | HCL | LANCASTER | TPH-G(8015)/BTEX+MTBE(8260)/ 8 OXYS(8260) |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

COMMENTS:

Add/Replaced Lock: Add/Replaced Plug: Size:

# GETTLER-RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-8139 Job Number: 386461
Site Address: 16304 Foothill Blvd. Event Date: 8/11/03 (inclusive)
City: San Leandro, CA Sampler: C.A.R

Well ID MW-12 Date Monitored: 8/11/03 Well Condition: OK
Well Diameter (2) 4 in.
Total Depth 28.16 ft.
Depth to Water 12.33 ft.
15.83 xVF 0.17 = 2.69 x3 (case volume) = Estimated Purge Volume: 8 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 |

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

**Sampling Equipment:**
Disposable Bailer ✓
Pressure Bailer
Discrete Bailer
Other:

Time Started: (2400 hrs)
Time Bailed: (2400 hrs)
Depth to Product: ft
Depth to Water: ft
Hydrocarbon Thickness: 0 ft
Visual Confirmation/Description:
Skimmer / Absorbant Sock (circle one)
Amt Removed from Skimmer: gal
Amt Removed from Well: gal
Product Transferred to:

Start Time (purge): 0930 Weather Conditions: Clear
Sample Time/Date: 0955 8/11/03 Water Color: Clear Odor: No
Purging Flow Rate: — gpm. Sediment Description:
Did well de-water? No If yes, Time: Volume: gal.

| Time (2400 hr.) | Volume (gal.) | pH | Conductivity (umhos/cm) | Temperature (C/F) | D.O. (mg/L) | ORP (mV) |
|---|---|---|---|---|---|---|
| 0927 | 3 | 7.28 | 749 | 21.6 | | |
| 0936 | 6 | 7.29 | 744 | 21.7 | | |
| 0940 | 8 | 7.26 | 750 | 21.7 | | |
| | | | | | | |
| | | | | | | |

**LABORATORY INFORMATION**

| SAMPLE ID | (#) CONTAINER | REFRIG. | PRESERV. TYPE | LABORATORY | ANALYSES |
|---|---|---|---|---|---|
| MW-12 | 6 x voa vial | YES | HCL | LANCASTER | TPH-G(8015)/BTEX+MTBE(8260)/ 8 OXYS(8260) |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

COMMENTS:

Add/Replaced Lock: Add/Replaced Plug: Size:

# GETTLER-RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-8139 Job Number: 386461
Site Address: 16304 Foothill Blvd. Event Date: 8/11/03 (inclusive)
City: San Leandro, CA Sampler: G. R.

Well ID MW-13 Date Monitored: 8/11/03 Well Condition: OK
Well Diameter (2) 4 in.
Total Depth 33.48 ft.
Depth to Water 12.15 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 |

21.33 xVF 0.17 = 3.62 x3 (case volume) = Estimated Purge Volume: 11 gal.

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

**Sampling Equipment:**
Disposable Bailer ✓
Pressure Bailer
Discrete Bailer
Other:

Time Started: (2400 hrs)
Time Bailed: (2400 hrs)
Depth to Product: ft
Depth to Water: ft
Hydrocarbon Thickness: 0 ft
Visual Confirmation/Description:
Skimmer / Absorbant Sock (circle one)
Amt Removed from Skimmer: gal
Amt Removed from Well: gal
Product Transferred to:

Start Time (purge): 0825 Weather Conditions: Clear
Sample Time/Date: 0900 8/11/03 Water Color: Clear Odor: ND
Purging Flow Rate: — gpm. Sediment Description:
Did well de-water? No If yes, Time: Volume: gal.

| Time (2400 hr.) | Volume (gal.) | pH | Conductivity (umhos/cm) | Temperature (C/F) | D.O. (mg/L) | ORP (mV) |
|---|---|---|---|---|---|---|
| 0832 | 4 | 7.32 | 743 | 21.8 | | |
| 0840 | 8 | 7.27 | 736 | 21.6 | | |
| 0844 | 11 | 7.28 | 738 | 21.6 | | |
| | | | | | | |
| | | | | | | |

**LABORATORY INFORMATION**

| SAMPLE ID | (#) CONTAINER | REFRIG. | PRESERV. TYPE | LABORATORY | ANALYSES |
|---|---|---|---|---|---|
| MW-13 | 6 x voa vial | YES | HCL | LANCASTER | TPH-G(8015)/BTEX+MTBE(8260)/ 8 OXYS(8260) |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

COMMENTS:

Add/Replaced Lock: Add/Replaced Plug: Size:

# GETTLER-RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-8139 Job Number: 386461
Site Address: 16304 Foothill Blvd. Event Date: 8/11/03 (inclusive)
City: San Leandro, CA Sampler: C. A

Well ID MW-14 Date Monitored: 8/11/03 Well Condition: OK
Well Diameter (2) 4 in.
Total Depth 28.70 ft.
Depth to Water 12.63 ft.
16.07 xVF 0.17 = 2.73 x3 (case volume) = Estimated Purge Volume: 8 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 |

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

**Sampling Equipment:**
Disposable Bailer ✓
Pressure Bailer
Discrete Bailer
Other:

Time Started: (2400 hrs)
Time Bailed: (2400 hrs)
Depth to Product: ft
Depth to Water: ft
Hydrocarbon Thickness: 0 ft
Visual Confirmation/Description:
Skimmer / Absorbant Sock (circle one)
Amt Removed from Skimmer: gal
Amt Removed from Well: gal
Product Transferred to:

Start Time (purge): 1105 Weather Conditions: Clear
Sample Time/Date: 1140 / 8/11/03 Water Color: Clear Odor: No
Purging Flow Rate: — gpm. Sediment Description:
Did well de-water? No If yes, Time: Volume: gal.

| Time (2400 hr.) | Volume (gal.) | pH | Conductivity (umhos/cm) | Temperature (C/F) | D.O. (mg/L) | ORP (mV) |
|---|---|---|---|---|---|---|
| 1112 | 3 | 7.28 | 743 | 21.7 | | |
| 1120 | 6 | 7.21 | 751 | 21.7 | | |
| 1124 | 8 | 7.26 | 748 | 21.6 | | |
| | | | | | | |
| | | | | | | |

**LABORATORY INFORMATION**

| SAMPLE ID | (#) CONTAINER | REFRIG. | PRESERV. TYPE | LABORATORY | ANALYSES |
|---|---|---|---|---|---|
| MW-14 | 6 x voa vial | YES | HCL | LANCASTER | TPH-G(8015)/BTEX+MTBE(8260)/ 8 OXYS(8260) |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

COMMENTS:

Add/Replaced Lock: Add/Replaced Plug: Size:

# GETTLER-RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-8139 Job Number: 386461
Site Address: 16304 Foothill Blvd. Event Date: 8/11/03 (inclusive)
City: San Leandro, CA Sampler: G.R

Well ID EW-2 Date Monitored: 8/11/03 Well Condition: OK
Well Diameter 2 / (4) in.
Total Depth 30.30 ft.
Depth to Water 13.95 ft.

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

16.35 xVF 0.66 = 10.79 x3 (case volume) = Estimated Purge Volume: 33 gal.

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

**Sampling Equipment:**
Disposable Bailer ✓
Pressure Bailer
Discrete Bailer
Other:

Time Started: (2400 hrs)
Time Bailed: (2400 hrs)
Depth to Product: ft
Depth to Water: ft
Hydrocarbon Thickness: 0 ft
Visual Confirmation/Description:
Skimmer / Absorbant Sock (circle one)
Amt Removed from Skimmer: gal
Amt Removed from Well: gal
Product Transferred to:

Start Time (purge): 1510 Weather Conditions: Clear
Sample Time/Date: 1605 / 8/11/03 Water Color: Clear Odor: Yes
Purging Flow Rate: 1.5 gpm. Sediment Description:
Did well de-water? Yes If yes, Time: 1530 Volume: 25 gal.

| Time (2400 hr.) | Volume (gal.) | pH | Conductivity (umhos/cm) | Temperature (C/F) | D.O. (mg/L) | ORP (mV) |
|---|---|---|---|---|---|---|
| 1519 | 11 | 7.38 | 492 | 23.2 | | |
| 1528 | 22 | 7.35 | 474 | 23.3 | | |
| 1550 | 33 | 7.34 | 479 | 23.1 | | |
| | | | | | | |
| | | | | | | |

**LABORATORY INFORMATION**

| SAMPLE ID | (#) CONTAINER | REFRIG. | PRESERV. TYPE | LABORATORY | ANALYSES |
|---|---|---|---|---|---|
| EW-2 | 6 x voa vial | YES | HCL | LANCASTER | TPH-G(8015)/BTEX+MTBE(8260)/ 8 OXYS(8260) |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

COMMENTS: Dewatered shortly after 2nd Parameter reading taken. Waited 10 minutes & purged balance of 33 gal purged. - Sampled

Add/Replaced Lock: Add/Replaced Plug: Size:

# GETTLER-RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-8139 Job Number: 386461
Site Address: 16304 Foothill Blvd. Event Date: 8/11/03 (inclusive)
City: San Leandro, CA Sampler: G. R.

Well ID: EW-3 Date Monitored: 8/11/03 Well Condition: OK
Well Diameter: 2 | 4 in.
Total Depth: 30.00 ft.
Depth to Water: 13.86 ft.
16.14 xVF 0.66 = 7.18 x3 (case volume) = Estimated Purge Volume: 21.5 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 |

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

**Sampling Equipment:**
Disposable Bailer ✓
Pressure Bailer
Discrete Bailer
Other:

Time Started: (2400 hrs)
Time Bailed: (2400 hrs)
Depth to Product: ft
Depth to Water: ft
Hydrocarbon Thickness: 0 ft
Visual Confirmation/Description:
Skimmer / Absorbant Sock (circle one)
Amt Removed from Skimmer: gal
Amt Removed from Well: gal
Product Transferred to:

Start Time (purge): 1400 Weather Conditions: Clear
Sample Time/Date: 1450 / 8/11/03 Water Color: Clear Odor: Yes
Purging Flow Rate: ≈1.5 gpm. Sediment Description:
Did well de-water? yes If yes, Time: 1407 & 1422 Volume: ≈9 & 14 gal.

| Time (2400 hr.) | Volume (gal.) | pH | Conductivity (umhos/cm) | Temperature (°F) | D.O. (mg/L) | ORP (mV) |
|---|---|---|---|---|---|---|
| 1405 | 7 | 7.41 | 573 | 23.2 | | |
| 1422 | 14 | 7.36 | 562 | 23.4 | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

**LABORATORY INFORMATION**

| SAMPLE ID | (#) CONTAINER | REFRIG. | PRESERV. TYPE | LABORATORY | ANALYSES |
|---|---|---|---|---|---|
| EW-3 | 6 x voa vial | YES | HCL | LANCASTER | TPH-G(8015)/BTEX+MTBE(8260)/ 8 OXYS(8260) |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

COMMENTS: Dewatered twice @ about 9 & 14 Gals
Waited about 15 minutes after last dewatered & Sampled

Add/Replaced Lock: Add/Replaced Plug: Size:

# Chevron California Region Analysis Request/Chain of Custody

**Lancaster Laboratories**
*Where quality is a science.*

For Lancaster Laboratories use only
Acct. #: 10904 Sample #: 410344-53 SCR#: 863454

081303-007

Facility #: SS#9-8139 G-R#386461 Global ID#T0600100303
Site Address: 16304 FOOTHILL BLVD., SAN LEANDRO, CA
Chevron PM: KS Lead Consultant: CAMBRIA
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: G. Ros
Service Order #: ☐ Non SAR:

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

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

| Sample Identification | Date Collected | Time Collected | Grab | Composite | Matrix: Soil | Water | Oil ☐ Air ☐ | Total Number of Containers | Analyses Requested: BTEX + MTBE 8260 ☒ 8021 ☐ (H) | TPH 8015 MOD GRO (H) | TPH 8015 MOD DRO ☐ Silica Gel Cleanup | 8260 full scan | Oxygenates (8260) (H) | Lead 7420 ☐ 7421 ☐ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Q/A | 8/11/03 | — | | | | X | | 2 | X | X | | | | |
| MW-8 | | 1340 | X | | | X | | 6 | X | X | | | X | |
| MW-9 | | 1245 | X | | | X | | 6 | X | X | | | X | |
| MW-10 | | 0800 | X | | | X | | 6 | X | X | | | X | |
| MW-11 | | 1050 | X | | | X | | 6 | X | X | | | X | |
| MW-12 | | 0955 | X | | | X | | 6 | X | X | | | X | |
| MW-13 | | 0900 | X | | | X | | 6 | X | X | | | X | |
| MW-14 | | 1140 | X | | | X | | 6 | X | X | | | X | |
| EW-2 | | 1605 | X | | | X | | 6 | X | X | | | X | |
| EW-3 | | 1450 | X | | | X | | 6 | X | X | | | X | |

**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

| | Date | Time |
|---|---|---|
| Relinquished by: | 8/12/03 | |
| Relinquished by: | 8/12/03 | 1330 |
| Relinquished by: | 8/13/03 | 1530 |
| Relinquished by Commercial Carrier: UPS FedEx (Other) Airborne | | |
| Temperature Upon Receipt 2 °C | | |

| | Date | Time |
|---|---|---|
| Received by: | 8/12/03 | 1330 |
| Received by: | 8/13/03 | 1330 |
| Received by: Airborne | 8/13/03 | |
| Received by: | 8/15/03 | 0920 |
| Custody Seals Intact? (Yes) No | | |

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# Analysis Report

ANALYTICAL RESULTS

Prepared for:

ChevronTexaco
6001 Bollinger Canyon Rd L4310

San Ramon CA 94583
925-842-8582

Prepared by:

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

SAMPLE GROUP

The sample group for this submittal is 863454. Samples arrived at the laboratory on Friday, August 15, 2003. The PO# for this group is 99011184 and the release number is STREICH.

| Client Description | | | Lancaster Labs Number |
|---|---|---|---|
| QA-T-030811 | NA | Water | 4103044 |
| MW-8-W-030811 | Grab | Water | 4103045 |
| MW-9-W-030811 | Grab | Water | 4103046 |
| MW-10-W-030811 | Grab | Water | 4103047 |
| MW-11-W-030811 | Grab | Water | 4103048 |
| MW-12-W-030811 | Grab | Water | 4103049 |
| MW-13-W-030811 | Grab | Water | 4103050 |
| MW-14-W-030811 | Grab | Water | 4103051 |
| EW-2-W-030811 | Grab | Water | 4103052 |
| EW-3-W-030811 | Grab | Water | 4103053 |

| | | |
|---|---|---|
| ELECTRONIC COPY TO | Gettler-Ryan | Attn: Cheryl Hansen |
| 1 COPY TO | Cambria C/O Gettler- Ryan | Attn: Deanna L. Harding |

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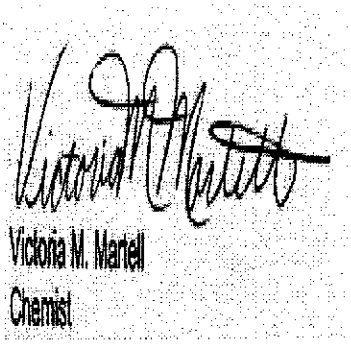
# Analysis Report

Questions? Contact your Client Services Representative
Teresa L Cunningham at (717) 656-2300.

Respectfully Submitted,



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# Analysis Report



**Lancaster Laboratories Sample No. WW 4103044**

Collected:08/11/2003 00:00

Account Number: 10904

Submitted: 08/15/2003 09:20
Reported: 08/25/2003 at 17:48
Discard: 09/25/2003
QA-T-030811 NA Water

ChevronTexaco
6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

Facility# 98139 Job# 386461 GRD
16304 Foothill San Leandr T0600100303 QA

303TB

| CAT No. | Analysis Name | CAS Number | As Received Result | As Received Method Detection Limit | Units | Dilution Factor |
|---|---|---|---|---|---|---|
| 01728 | TPH-GRO - Waters | n.a. | N.D. | 50. | ug/l | 1 |
| | The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. | | | | | |
| 06054 | BTEX+MTBE by 8260B | | | | | |
| 02010 | Methyl Tertiary Butyl Ether | 1634-04-4 | N.D. | 0.5 | ug/l | 1 |
| 05401 | Benzene | 71-43-2 | N.D. | 0.5 | ug/l | 1 |
| 05407 | Toluene | 108-88-3 | N.D. | 0.5 | ug/l | 1 |
| 05415 | Ethylbenzene | 100-41-4 | N.D. | 0.5 | ug/l | 1 |
| 06310 | Xylene (Total) | 1330-20-7 | N.D. | 0.5 | ug/l | 1 |

State of California Lab Certification No. 2116

## Laboratory Chronicle

| CAT No. | Analysis Name | Method | Trial# | Analysis Date and Time | Analyst | Dilution Factor |
|---|---|---|---|---|---|---|
| 01728 | TPH-GRO - Waters | N. CA LUFT Gasoline Method | 1 | 08/19/2003 05:21 | Todd T Smythe | 1 |
| 06054 | BTEX+MTBE by 8260B | SW-846 8260B | 1 | 08/21/2003 22:18 | Marla S Lord | 1 |
| 01146 | GC VOA Water Prep | SW-846 5030B | 1 | 08/19/2003 05:21 | Todd T Smythe | n.a. |
| 01163 | GC/MS VOA Water Prep | SW-846 5030B | 1 | 08/21/2003 22:18 | Marla S Lord | n.a. |

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# Analysis Report



**Lancaster Laboratories Sample No. WW 4103045**

Collected:08/11/2003 13:40 by GR

Account Number: 10904

Submitted: 08/15/2003 09:20
Reported: 08/25/2003 at 17:48
Discard: 09/25/2003

ChevronTexaco
6001 Bollinger Canyon Rd L4310

MW-8-W-030811 Grab Water

San Ramon CA 94583

Facility# 98139 Job# 386461 GRD
16304 Foothill San Leandr T0600100303 MW-8

303-8

| CAT No. | Analysis Name | CAS Number | As Received Result | As Received Method Detection Limit | Units | Dilution Factor |
|---|---|---|---|---|---|---|
| 01728 | TPH-GRO - Waters | n.a. | 2,400. | 500. | ug/l | 10 |
| | The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. | | | | | |
| 01594 | BTEX+5 Oxygenates+EDC+EDB+ETOH | | | | | |
| 01587 | Ethanol | 64-17-5 | N.D. | 1,000. | ug/l | 20 |
| 02010 | Methyl Tertiary Butyl Ether | 1634-04-4 | 13,000. | 100. | ug/l | 200 |
| 02011 | di-Isopropyl ether | 108-20-3 | N.D. | 10. | ug/l | 20 |
| 02013 | Ethyl t-butyl ether | 637-92-3 | N.D. | 10. | ug/l | 20 |
| 02014 | t-Amyl methyl ether | 994-05-8 | 2,200. | 10. | ug/l | 20 |
| 02015 | t-Butyl alcohol | 75-65-0 | N.D. | 100. | ug/l | 20 |
| 05401 | Benzene | 71-43-2 | N.D. | 10. | ug/l | 20 |
| 05402 | 1,2-Dichloroethane | 107-06-2 | N.D. | 10. | ug/l | 20 |
| 05407 | Toluene | 108-88-3 | N.D. | 10. | ug/l | 20 |
| 05412 | 1,2-Dibromoethane | 106-93-4 | N.D. | 10. | ug/l | 20 |
| 05415 | Ethylbenzene | 100-41-4 | N.D. | 10. | ug/l | 20 |
| 06310 | Xylene (Total) | 1330-20-7 | N.D. | 10. | ug/l | 20 |
| | The reporting limits for the GC/MS volatile compounds were raised because sample dilution was necessary to bring target compounds into the calibration range of the system. | | | | | |

State of California Lab Certification No. 2116

## Laboratory Chronicle

| CAT No. | Analysis Name | Method | Trial# | Analysis Date and Time | Analyst | Dilution Factor |
|---|---|---|---|---|---|---|
| 01728 | TPH-GRO - Waters | N. CA LUFT Gasoline Method | 1 | 08/19/2003 01:38 | Todd T Smythe | 10 |
| 01594 | BTEX+5 Oxygenates+EDC+EDB+ETOH | SW-846 8260B | 1 | 08/19/2003 21:34 | Elizabeth M Taylor | 20 |
| 01594 | BTEX+5 Oxygenates+EDC+EDB+ETOH | SW-846 8260B | 1 | 08/19/2003 22:04 | Elizabeth M Taylor | 200 |
| 01146 | GC VOA Water Prep | SW-846 5030B | 1 | 08/19/2003 01:38 | Todd T Smythe | n.a. |
| 01163 | GC/MS VOA Water Prep | SW-846 5030B | 1 | 08/19/2003 21:34 | Elizabeth M Taylor | n.a. |

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# Analysis Report



**Lancaster Laboratories Sample No. WW 4103046**

Collected: 08/11/2003 12:45 by GR

Account Number: 10904

Submitted: 08/15/2003 09:20
Reported: 08/25/2003 at 17:48
Discard: 09/25/2003

ChevronTexaco
6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

MW-9-W-030811 Grab Water

Facility# 98139 Job# 386461 GRD
16304 Foothill San Leandr T0600100303 MW-9

303-9

| CAT No. | Analysis Name | CAS Number | As Received Result | As Received Method Detection Limit | Units | Dilution Factor |
|---|---|---|---|---|---|---|
| 01728 | TPH-GRO - Waters | n.a. | 74. | 50. | ug/l | 1 |
| | The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. | | | | | |
| 01594 | BTEX+5 Oxygenates+EDC+EDB+ETOH | | | | | |
| 01587 | Ethanol | 64-17-5 | N.D. | 50. | ug/l | 1 |
| 02010 | Methyl Tertiary Butyl Ether | 1634-04-4 | 370. | 3. | ug/l | 5 |
| 02011 | di-Isopropyl ether | 108-20-3 | N.D. | 0.5 | ug/l | 1 |
| 02013 | Ethyl t-butyl ether | 637-92-3 | N.D. | 0.5 | ug/l | 1 |
| 02014 | t-Amyl methyl ether | 994-05-8 | 69. | 0.5 | ug/l | 1 |
| 02015 | t-Butyl alcohol | 75-65-0 | N.D. | 5. | ug/l | 1 |
| 05401 | Benzene | 71-43-2 | N.D. | 0.5 | ug/l | 1 |
| 05402 | 1,2-Dichloroethane | 107-06-2 | N.D. | 0.5 | ug/l | 1 |
| 05407 | Toluene | 108-88-3 | N.D. | 0.5 | ug/l | 1 |
| 05412 | 1,2-Dibromoethane | 106-93-4 | N.D. | 0.5 | ug/l | 1 |
| 05415 | Ethylbenzene | 100-41-4 | N.D. | 0.5 | ug/l | 1 |
| 06310 | Xylene (Total) | 1330-20-7 | N.D. | 0.5 | ug/l | 1 |

State of California Lab Certification No. 2116

## Laboratory Chronicle

| CAT No. | Analysis Name | Method | Trial# | Analysis Date and Time | Analyst | Dilution Factor |
|---|---|---|---|---|---|---|
| 01728 | TPH-GRO - Waters | N. CA LUFT Gasoline Method | 1 | 08/19/2003 05:53 | Todd T Smythe | 1 |
| 01594 | BTEX+5 Oxygenates+EDC+EDB+ETOH | SW-846 8260B | 1 | 08/19/2003 22:35 | Elizabeth M Taylor | 1 |
| 01594 | BTEX+5 Oxygenates+EDC+EDB+ETOH | SW-846 8260B | 1 | 08/19/2003 23:05 | Elizabeth M Taylor | 5 |
| 01146 | GC VOA Water Prep | SW-846 5030B | 1 | 08/19/2003 05:53 | Todd T Smythe | n.a. |
| 01163 | GC/MS VOA Water Prep | SW-846 5030B | 1 | 08/19/2003 22:35 | Elizabeth M Taylor | n.a. |

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# Analysis Report



**Lancaster Laboratories Sample No. WW 4103047**

Collected: 08/11/2003 08:00 by GR

Account Number: 10904

Submitted: 08/15/2003 09:20
Reported: 08/25/2003 at 17:48
Discard: 09/25/2003
MW-10-W-030811 Grab Water

ChevronTexaco
6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

Facility# 98139 Job# 386461 GRD
16304 Foothill San Leandr T0600100303 MW-10

30310

| CAT No. | Analysis Name | CAS Number | As Received Result | As Received Method Detection Limit | Units | Dilution Factor |
|---|---|---|---|---|---|---|
| 01728 | TPH-GRO - Waters | n.a. | N.D. | 50. | ug/l | 1 |
| | The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. | | | | | |
| 01594 | BTEX+5 Oxygenates+EDC+EDB+ETOH | | | | | |
| 01587 | Ethanol | 64-17-5 | N.D. | 50. | ug/l | 1 |
| 02010 | Methyl Tertiary Butyl Ether | 1634-04-4 | N.D. | 0.5 | ug/l | 1 |
| 02011 | di-Isopropyl ether | 108-20-3 | N.D. | 0.5 | ug/l | 1 |
| 02013 | Ethyl t-butyl ether | 637-92-3 | N.D. | 0.5 | ug/l | 1 |
| 02014 | t-Amyl methyl ether | 994-05-8 | N.D. | 0.5 | ug/l | 1 |
| 02015 | t-Butyl alcohol | 75-65-0 | N.D. | 5. | ug/l | 1 |
| 05401 | Benzene | 71-43-2 | N.D. | 0.5 | ug/l | 1 |
| 05402 | 1,2-Dichloroethane | 107-06-2 | N.D. | 0.5 | ug/l | 1 |
| 05407 | Toluene | 108-88-3 | N.D. | 0.5 | ug/l | 1 |
| 05412 | 1,2-Dibromoethane | 106-93-4 | N.D. | 0.5 | ug/l | 1 |
| 05415 | Ethylbenzene | 100-41-4 | N.D. | 0.5 | ug/l | 1 |
| 06310 | Xylene (Total) | 1330-20-7 | N.D. | 0.5 | ug/l | 1 |

State of California Lab Certification No. 2116

## Laboratory Chronicle

| CAT No. | Analysis Name | Method | Trial# | Analysis Date and Time | Analyst | Dilution Factor |
|---|---|---|---|---|---|---|
| 01728 | TPH-GRO - Waters | N. CA LUFT Gasoline Method | 1 | 08/19/2003 06:26 | Todd T Smythe | 1 |
| 01594 | BTEX+5 Oxygenates+EDC+EDB+ETOH | SW-846 8260B | 1 | 08/19/2003 23:36 | Elizabeth M Taylor | 1 |
| 01146 | GC VOA Water Prep | SW-846 5030B | 1 | 08/19/2003 06:26 | Todd T Smythe | n.a. |
| 01163 | GC/MS VOA Water Prep | SW-846 5030B | 1 | 08/19/2003 23:36 | Elizabeth M Taylor | n.a. |

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# Analysis Report



**Lancaster Laboratories Sample No. WW 4103048**

Collected: 08/11/2003 10:50 by GR

Account Number: 10904

Submitted: 08/15/2003 09:20
Reported: 08/25/2003 at 17:48
Discard: 09/25/2003
MW-11-W-030811 Grab Water

ChevronTexaco
6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

Facility# 98139 Job# 386461 GRD
16304 Foothill San Leandr T0600100303 MW-11

30311

| CAT No. | Analysis Name | CAS Number | As Received Result | As Received Method Detection Limit | Units | Dilution Factor |
|---|---|---|---|---|---|---|
| 01728 | TPH-GRO - Waters | n.a. | N.D. | 50. | ug/l | 1 |
| | The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. | | | | | |
| 01594 | BTEX+5 Oxygenates+EDC+EDB+ETOH | | | | | |
| 01587 | Ethanol | 64-17-5 | N.D. | 50. | ug/l | 1 |
| 02010 | Methyl Tertiary Butyl Ether | 1634-04-4 | N.D. | 0.5 | ug/l | 1 |
| 02011 | di-Isopropyl ether | 108-20-3 | N.D. | 0.5 | ug/l | 1 |
| 02013 | Ethyl t-butyl ether | 637-92-3 | N.D. | 0.5 | ug/l | 1 |
| 02014 | t-Amyl methyl ether | 994-05-8 | N.D. | 0.5 | ug/l | 1 |
| 02015 | t-Butyl alcohol | 75-65-0 | N.D. | 5. | ug/l | 1 |
| 05401 | Benzene | 71-43-2 | N.D. | 0.5 | ug/l | 1 |
| 05402 | 1,2-Dichloroethane | 107-06-2 | N.D. | 0.5 | ug/l | 1 |
| 05407 | Toluene | 108-88-3 | N.D. | 0.5 | ug/l | 1 |
| 05412 | 1,2-Dibromoethane | 106-93-4 | N.D. | 0.5 | ug/l | 1 |
| 05415 | Ethylbenzene | 100-41-4 | N.D. | 0.5 | ug/l | 1 |
| 06310 | Xylene (Total) | 1330-20-7 | N.D. | 0.5 | ug/l | 1 |

State of California Lab Certification No. 2116

## Laboratory Chronicle

| CAT No. | Analysis Name | Method | Trial# | Analysis Date and Time | Analyst | Dilution Factor |
|---|---|---|---|---|---|---|
| 01728 | TPH-GRO - Waters | N. CA LUFT Gasoline Method | 1 | 08/19/2003 06:58 | Todd T Smythe | 1 |
| 01594 | BTEX+5 Oxygenates+EDC+EDB+ETOH | SW-846 8260B | 1 | 08/20/2003 00:07 | Elizabeth M Taylor | 1 |
| 01146 | GC VOA Water Prep | SW-846 5030B | 1 | 08/19/2003 06:58 | Todd T Smythe | n.a. |
| 01163 | GC/MS VOA Water Prep | SW-846 5030B | 1 | 08/20/2003 00:07 | Elizabeth M Taylor | n.a. |

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# Analysis Report



**Lancaster Laboratories Sample No. WW 4103049**

Collected:08/11/2003 09:55 by GR

Account Number: 10904

Submitted: 08/15/2003 09:20
Reported: 08/25/2003 at 17:48
Discard: 09/25/2003
MW-12-W-030811 Grab Water

ChevronTexaco
6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

Facility# 98139 Job# 386461 GRD
16304 Foothill San Leandr T0600100303 MW-12

30312

| CAT No. | Analysis Name | CAS Number | As Received Result | As Received Method Detection Limit | Units | Dilution Factor |
|---|---|---|---|---|---|---|
| 01728 | TPH-GRO - Waters | n.a. | N.D. | 50. | ug/l | 1 |
| | The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. | | | | | |
| 01594 | BTEX+5 Oxygenates+EDC+EDB+ETOH | | | | | |
| 01587 | Ethanol | 64-17-5 | N.D. | 50. | ug/l | 1 |
| 02010 | Methyl Tertiary Butyl Ether | 1634-04-4 | N.D. | 0.5 | ug/l | 1 |
| 02011 | di-Isopropyl ether | 108-20-3 | N.D. | 0.5 | ug/l | 1 |
| 02013 | Ethyl t-butyl ether | 637-92-3 | N.D. | 0.5 | ug/l | 1 |
| 02014 | t-Amyl methyl ether | 994-05-8 | N.D. | 0.5 | ug/l | 1 |
| 02015 | t-Butyl alcohol | 75-65-0 | N.D. | 5. | ug/l | 1 |
| 05401 | Benzene | 71-43-2 | N.D. | 0.5 | ug/l | 1 |
| 05402 | 1,2-Dichloroethane | 107-06-2 | N.D. | 0.5 | ug/l | 1 |
| 05407 | Toluene | 108-88-3 | N.D. | 0.5 | ug/l | 1 |
| 05412 | 1,2-Dibromoethane | 106-93-4 | N.D. | 0.5 | ug/l | 1 |
| 05415 | Ethylbenzene | 100-41-4 | N.D. | 0.5 | ug/l | 1 |
| 06310 | Xylene (Total) | 1330-20-7 | N.D. | 0.5 | ug/l | 1 |

State of California Lab Certification No. 2116

## Laboratory Chronicle

| CAT No. | Analysis Name | Method | Trial# | Analysis Date and Time | Analyst | Dilution Factor |
|---|---|---|---|---|---|---|
| 01728 | TPH-GRO - Waters | N. CA LUFT Gasoline Method | 1 | 08/19/2003 07:31 | Todd T Smythe | 1 |
| 01594 | BTEX+5 Oxygenates+EDC+EDB+ETOH | SW-846 8260B | 1 | 08/20/2003 00:37 | Elizabeth M Taylor | 1 |
| 01146 | GC VOA Water Prep | SW-846 5030B | 1 | 08/19/2003 07:31 | Todd T Smythe | n.a. |
| 01163 | GC/MS VOA Water Prep | SW-846 5030B | 1 | 08/20/2003 00:37 | Elizabeth M Taylor | n.a. |

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# Analysis Report



**Lancaster Laboratories Sample No. WW 4103050**

Collected: 08/11/2003 09:00 by GR

Account Number: 10904

Submitted: 08/15/2003 09:20
Reported: 08/25/2003 at 17:48
Discard: 09/25/2003

ChevronTexaco
6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

MW-13-W-030811 Grab Water

GRD

Facility# 98139 Job# 386461
16304 Foothill San Leandr T0600100303 MW-13

30313

| CAT No. | Analysis Name | CAS Number | As Received Result | As Received Method Detection Limit | Units | Dilution Factor |
|---|---|---|---|---|---|---|
| 01728 | TPH-GRO - Waters | n.a. | N.D. | 50. | ug/l | 1 |
| | The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. | | | | | |
| 01594 | BTEX+5 Oxygenates+EDC+EDB+ETOH | | | | | |
| 01587 | Ethanol | 64-17-5 | N.D. | 50. | ug/l | 1 |
| 02010 | Methyl Tertiary Butyl Ether | 1634-04-4 | N.D. | 0.5 | ug/l | 1 |
| 02011 | di-Isopropyl ether | 108-20-3 | N.D. | 0.5 | ug/l | 1 |
| 02013 | Ethyl t-butyl ether | 637-92-3 | N.D. | 0.5 | ug/l | 1 |
| 02014 | t-Amyl methyl ether | 994-05-8 | N.D. | 0.5 | ug/l | 1 |
| 02015 | t-Butyl alcohol | 75-65-0 | N.D. | 5. | ug/l | 1 |
| 05401 | Benzene | 71-43-2 | N.D. | 0.5 | ug/l | 1 |
| 05402 | 1,2-Dichloroethane | 107-06-2 | N.D. | 0.5 | ug/l | 1 |
| 05407 | Toluene | 108-88-3 | N.D. | 0.5 | ug/l | 1 |
| 05412 | 1,2-Dibromoethane | 106-93-4 | N.D. | 0.5 | ug/l | 1 |
| 05415 | Ethylbenzene | 100-41-4 | N.D. | 0.5 | ug/l | 1 |
| 06310 | Xylene (Total) | 1330-20-7 | N.D. | 0.5 | ug/l | 1 |

State of California Lab Certification No. 2116

## Laboratory Chronicle

| CAT No. | Analysis Name | Method | Trial# | Analysis Date and Time | Analyst | Dilution Factor |
|---|---|---|---|---|---|---|
| 01728 | TPH-GRO - Waters | N. CA LUFT Gasoline Method | 1 | 08/19/2003 08:03 | Todd T Smythe | 1 |
| 01594 | BTEX+5 Oxygenates+EDC+EDB+ETOH | SW-846 8260B | 1 | 08/20/2003 15:29 | Trent S Sprenkle | 1 |
| 01146 | GC VOA Water Prep | SW-846 5030B | 1 | 08/19/2003 08:03 | Todd T Smythe | n.a. |
| 01163 | GC/MS VOA Water Prep | SW-846 5030B | 1 | 08/20/2003 15:29 | Trent S Sprenkle | n.a. |

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# Analysis Report



**Lancaster Laboratories Sample No. WW 4103051**

Collected:08/11/2003 11:40 by GR

Account Number: 10904

Submitted: 08/15/2003 09:20
Reported: 08/25/2003 at 17:48
Discard: 09/25/2003

ChevronTexaco
6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

MW-14-W-030811 Grab Water

Facility# 98139 Job# 386461 GRD
16304 Foothill San Leandr T0600100303 MW-14

30314

| CAT No. | Analysis Name | CAS Number | As Received Result | As Received Method Detection Limit | Units | Dilution Factor |
|---|---|---|---|---|---|---|
| 01728 | TPH-GRO - Waters | n.a. | 290. | 50. | ug/l | 1 |
| | The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. | | | | | |
| 01594 | BTEX+5 Oxygenates+EDC+EDB+ETOH | | | | | |
| 01587 | Ethanol | 64-17-5 | N.D. | 100. | ug/l | 2 |
| 02010 | Methyl Tertiary Butyl Ether | 1634-04-4 | 1,500. | 10. | ug/l | 20 |
| 02011 | di-Isopropyl ether | 108-20-3 | N.D. | 1. | ug/l | 2 |
| 02013 | Ethyl t-butyl ether | 637-92-3 | N.D. | 1. | ug/l | 2 |
| 02014 | t-Amyl methyl ether | 994-05-8 | 270. | 1. | ug/l | 2 |
| 02015 | t-Butyl alcohol | 75-65-0 | N.D. | 10. | ug/l | 2 |
| 05401 | Benzene | 71-43-2 | N.D. | 1. | ug/l | 2 |
| 05402 | 1,2-Dichloroethane | 107-06-2 | N.D. | 1. | ug/l | 2 |
| 05407 | Toluene | 108-88-3 | N.D. | 1. | ug/l | 2 |
| 05412 | 1,2-Dibromoethane | 106-93-4 | N.D. | 1. | ug/l | 2 |
| 05415 | Ethylbenzene | 100-41-4 | N.D. | 1. | ug/l | 2 |
| 06310 | Xylene (Total) | 1330-20-7 | N.D. | 1. | ug/l | 2 |
| | The reporting limits for the GC/MS volatile compounds were raised because sample dilution was necessary to bring target compounds into the calibration range of the system. | | | | | |

State of California Lab Certification No. 2116

## Laboratory Chronicle

| CAT No. | Analysis Name | Method | Trial# | Analysis Date and Time | Analyst | Dilution Factor |
|---|---|---|---|---|---|---|
| 01728 | TPH-GRO - Waters | N. CA LUFT Gasoline Method | 1 | 08/19/2003 08:36 | Todd T Smythe | 1 |
| 01594 | BTEX+5 Oxygenates+EDC+EDB+ETOH | SW-846 8260B | 1 | 08/20/2003 01:08 | Elizabeth M Taylor | 2 |
| 01594 | BTEX+5 Oxygenates+EDC+EDB+ETOH | SW-846 8260B | 1 | 08/20/2003 01:39 | Elizabeth M Taylor | 20 |
| 01146 | GC VOA Water Prep | SW-846 5030B | 1 | 08/19/2003 08:36 | Todd T Smythe | n.a. |
| 01163 | GC/MS VOA Water Prep | SW-846 5030B | 1 | 08/20/2003 01:08 | Elizabeth M Taylor | n.a. |

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# Analysis Report



**Lancaster Laboratories Sample No. WW 4103052**

Collected:08/11/2003 16:05 by GR

Account Number: 10904

Submitted: 08/15/2003 09:20
Reported: 08/25/2003 at 17:48
Discard: 09/25/2003

ChevronTexaco
6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

EW-2-W-030811 Grab Water

Facility# 98139 Job# 386461 GRD
16304 Foothill San Leandr T0600100303 EW-2

303E2

| CAT No. | Analysis Name | CAS Number | As Received Result | As Received Method Detection Limit | Units | Dilution Factor |
|---|---|---|---|---|---|---|
| 01728 | TPH-GRO - Waters | n.a. | 980. | 50. | ug/l | 1 |
| | The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. | | | | | |
| 01594 | BTEX+5 Oxygenates+EDC+EDB+ETOH | | | | | |
| 01587 | Ethanol | 64-17-5 | N.D. | 50. | ug/l | 1 |
| 02010 | Methyl Tertiary Butyl Ether | 1634-04-4 | 350. | 1. | ug/l | 2.5 |
| 02011 | di-Isopropyl ether | 108-20-3 | N.D. | 0.5 | ug/l | 1 |
| 02013 | Ethyl t-butyl ether | 637-92-3 | N.D. | 0.5 | ug/l | 1 |
| 02014 | t-Amyl methyl ether | 994-05-8 | 120. | 0.5 | ug/l | 1 |
| 02015 | t-Butyl alcohol | 75-65-0 | 47. | 5. | ug/l | 1 |
| 05401 | Benzene | 71-43-2 | N.D. | 0.5 | ug/l | 1 |
| 05402 | 1,2-Dichloroethane | 107-06-2 | N.D. | 0.5 | ug/l | 1 |
| 05407 | Toluene | 108-88-3 | N.D. | 0.5 | ug/l | 1 |
| 05412 | 1,2-Dibromoethane | 106-93-4 | N.D. | 0.5 | ug/l | 1 |
| 05415 | Ethylbenzene | 100-41-4 | 0.5 | 0.5 | ug/l | 1 |
| 06310 | Xylene (Total) | 1330-20-7 | N.D. | 0.5 | ug/l | 1 |

State of California Lab Certification No. 2116

## Laboratory Chronicle

| CAT No. | Analysis Name | Method | Trial# | Analysis Date and Time | Analyst | Dilution Factor |
|---|---|---|---|---|---|---|
| 01728 | TPH-GRO - Waters | N. CA LUFT Gasoline Method | 1 | 08/19/2003 09:08 | Todd T Smythe | 1 |
| 01594 | BTEX+5 Oxygenates+EDC+EDB+ETOH | SW-846 8260B | 1 | 08/20/2003 15:59 | Trent S Sprenkle | 1 |
| 01594 | BTEX+5 Oxygenates+EDC+EDB+ETOH | SW-846 8260B | 1 | 08/20/2003 19:35 | Trent S Sprenkle | 2.5 |
| 01146 | GC VOA Water Prep | SW-846 5030B | 1 | 08/19/2003 09:08 | Todd T Smythe | n.a. |
| 01163 | GC/MS VOA Water Prep | SW-846 5030B | 1 | 08/20/2003 15:59 | Trent S Sprenkle | n.a. |

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# Analysis Report



**Lancaster Laboratories Sample No. WW 4103053**

Collected:08/11/2003 14:50 by GR

Account Number: 10904

Submitted: 08/15/2003 09:20
Reported: 08/25/2003 at 17:48
Discard: 09/25/2003
EW-3-W-030811 Grab Water

ChevronTexaco
6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

Facility# 98139 Job# 386461 GRD
16304 Foothill San Leandr T0600100303 EW-3

303E3

| CAT No. | Analysis Name | CAS Number | As Received Result | As Received Method Detection Limit | Units | Dilution Factor |
|---|---|---|---|---|---|---|
| 01728 | TPH-GRO - Waters | n.a. | 2,500. | 50. | ug/l | 1 |
| | The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. | | | | | |
| 01594 | BTEX+5 Oxygenates+EDC+EDB+ETOH | | | | | |
| 01587 | Ethanol | 64-17-5 | N.D. | 50. | ug/l | 1 |
| 02010 | Methyl Tertiary Butyl Ether | 1634-04-4 | 0.7 | 0.5 | ug/l | 1 |
| 02011 | di-Isopropyl ether | 108-20-3 | N.D. | 0.5 | ug/l | 1 |
| 02013 | Ethyl t-butyl ether | 637-92-3 | N.D. | 0.5 | ug/l | 1 |
| 02014 | t-Amyl methyl ether | 994-05-8 | N.D. | 0.5 | ug/l | 1 |
| 02015 | t-Butyl alcohol | 75-65-0 | N.D. | 5. | ug/l | 1 |
| 05401 | Benzene | 71-43-2 | 7. | 0.5 | ug/l | 1 |
| 05402 | 1,2-Dichloroethane | 107-06-2 | N.D. | 0.5 | ug/l | 1 |
| 05407 | Toluene | 108-88-3 | 5. | 0.5 | ug/l | 1 |
| 05412 | 1,2-Dibromoethane | 106-93-4 | N.D. | 0.5 | ug/l | 1 |
| 05415 | Ethylbenzene | 100-41-4 | 190. | 0.5 | ug/l | 1 |
| 06310 | Xylene (Total) | 1330-20-7 | 130. | 0.5 | ug/l | 1 |

State of California Lab Certification No. 2116

## Laboratory Chronicle

| CAT No. | Analysis Name | Method | Trial# | Analysis Date and Time | Analyst | Dilution Factor |
|---|---|---|---|---|---|---|
| 01728 | TPH-GRO - Waters | N. CA LUFT Gasoline Method | 1 | 08/19/2003 09:41 | Todd T Smythe | 1 |
| 01594 | BTEX+5 Oxygenates+EDC+EDB+ETOH | SW-846 8260B | 1 | 08/20/2003 16:30 | Trent S Sprenkle | 1 |
| 01146 | GC VOA Water Prep | SW-846 5030B | 1 | 08/19/2003 09:41 | Todd T Smythe | n.a. |
| 01163 | GC/MS VOA Water Prep | SW-846 5030B | 1 | 08/20/2003 16:30 | Trent S Sprenkle | n.a. |

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# Analysis Report



## Quality Control Summary

Client Name: ChevronTexaco
Group Number: 863454
Reported: 08/25/03 at 05:49 PM

### Laboratory Compliance Quality Control

| Analysis Name | Blank Result | Blank MDL | Report Units | LCS %REC | LCSD %REC | LCS/LCSD Limits | RPD | RPD Max |
|---|---|---|---|---|---|---|---|---|
| Batch number: 03230A07B | Sample number(s): 4103045 | | | | | | | |
| TPH-GRO - Waters | N.D. | 50. | ug/l | 102 | | 70-130 | | |
| Batch number: 03230A07C | Sample number(s): 4103044,4103046-4103053 | | | | | | | |
| TPH-GRO - Waters | N.D. | 50. | ug/l | 102 | | 70-130 | | |
| Batch number: N032331AA | Sample number(s): 4103044 | | | | | | | |
| Methyl Tertiary Butyl Ether | N.D. | 0.5 | ug/l | 100 | | 77-127 | | |
| Benzene | N.D. | 0.5 | ug/l | 102 | | 85-117 | | |
| Toluene | N.D. | 0.5 | ug/l | 98 | | 85-115 | | |
| Ethylbenzene | N.D. | 0.5 | ug/l | 101 | | 82-119 | | |
| Xylene (Total) | N.D. | 0.5 | ug/l | 103 | | 84-120 | | |
| Batch number: P032303AB | Sample number(s): 4103045-4103049,4103051 | | | | | | | |
| Ethanol | N.D. | 50. | ug/l | 101 | | 43-159 | | |
| Methyl Tertiary Butyl Ether | N.D. | 0.5 | ug/l | 102 | | 77-127 | | |
| di-Isopropyl ether | N.D. | 0.5 | ug/l | 107 | | 74-125 | | |
| Ethyl t-butyl ether | N.D. | 0.5 | ug/l | 105 | | 74-120 | | |
| t-Amyl methyl ether | N.D. | 0.5 | ug/l | 109 | | 79-113 | | |
| t-Butyl alcohol | N.D. | 5. | ug/l | 138 | | 53-147 | | |
| Benzene | N.D. | 0.5 | ug/l | 100 | | 85-117 | | |
| 1,2-Dichloroethane | N.D. | 0.5 | ug/l | 112 | | 77-132 | | |
| Toluene | N.D. | 0.5 | ug/l | 102 | | 85-115 | | |
| 1,2-Dibromoethane | N.D. | 0.5 | ug/l | 103 | | 81-114 | | |
| Ethylbenzene | N.D. | 0.5 | ug/l | 103 | | 82-119 | | |
| Xylene (Total) | N.D. | 0.5 | ug/l | 108 | | 84-120 | | |
| Batch number: P032321AA | Sample number(s): 4103050,4103052-4103053 | | | | | | | |
| Ethanol | N.D. | 50. | ug/l | 110 | | 43-159 | | |
| Methyl Tertiary Butyl Ether | N.D. | 0.5 | ug/l | 99 | | 77-127 | | |
| di-Isopropyl ether | N.D. | 0.5 | ug/l | 105 | | 74-125 | | |
| Ethyl t-butyl ether | N.D. | 0.5 | ug/l | 102 | | 74-120 | | |
| t-Amyl methyl ether | N.D. | 0.5 | ug/l | 103 | | 79-113 | | |
| t-Butyl alcohol | N.D. | 5. | ug/l | 113 | | 53-147 | | |
| Benzene | N.D. | 0.5 | ug/l | 101 | | 85-117 | | |
| 1,2-Dichloroethane | N.D. | 0.5 | ug/l | 113 | | 77-132 | | |
| Toluene | N.D. | 0.5 | ug/l | 102 | | 85-115 | | |
| 1,2-Dibromoethane | N.D. | 0.5 | ug/l | 102 | | 81-114 | | |
| Ethylbenzene | N.D. | 0.5 | ug/l | 103 | | 82-119 | | |
| Xylene (Total) | N.D. | 0.5 | ug/l | 104 | | 84-120 | | |

### Sample Matrix Quality Control

| Analysis Name | MS %REC | MSD %REC | MS/MSD Limits | RPD | RPD MAX | BKG Conc | DUP Conc | DUP RPD | Dup RPD Max |
|---|---|---|---|---|---|---|---|---|---|
| Batch number: 03230A07B | Sample number(s): 4103045 | | | | | | | | |
| TPH-GRO - Waters | 97 | 101 | 70-130 | 4 | 30 | | | | |
| Batch number: 03230A07C | Sample number(s): 4103044,4103046-4103053 | | | | | | | | |
| TPH-GRO - Waters | 97 | 101 | 70-130 | 4 | 30 | | | | |
| Batch number: N032331AA | Sample number(s): 4103044 | | | | | | | | |

*- Outside of specification

(1) The result for one or both determinations was less than five times the LOQ.

(2) The background result was more than four times the spike added.

## Quality Control Summary

Client Name: ChevronTexaco
Reported: 08/25/03 at 05:49 PM

Group Number: 863454

### Sample Matrix Quality Control

| Analysis Name | MS %REC | MSD %REC | MS/MSD Limits | RPD | RPD MAX | BKG Conc | DUP Conc | DUP RPD | Dup RPD Max |
|---|---|---|---|---|---|---|---|---|---|
| Methyl Tertiary Butyl Ether | 101 | 105 | 69-134 | 4 | 30 | | | | |
| Benzene | 106 | 109 | 83-128 | 3 | 30 | | | | |
| Toluene | 104 | 105 | 83-127 | 1 | 30 | | | | |
| Ethylbenzene | 107 | 108 | 82-134 | 0 | 30 | | | | |
| Xylene (Total) | 109 | 110 | 82-130 | 1 | 30 | | | | |
| Batch number: P032303AB | Sample number(s): 4103045-4103049,4103051 | | | | | | | | |
| Ethanol | 119 | 115 | 34-163 | 3 | 30 | | | | |
| Methyl Tertiary Butyl Ether | 118 | 113 | 69-134 | 5 | 30 | | | | |
| di-Isopropyl ether | 122 | 119 | 75-130 | 2 | 30 | | | | |
| Ethyl t-butyl ether | 115 | 114 | 73-123 | 2 | 30 | | | | |
| t-Amyl methyl ether | 111 | 115 | 77-117 | 4 | 30 | | | | |
| t-Butyl alcohol | 165* | 157* | 39-155 | 5 | 30 | | | | |
| Benzene | 113 | 114 | 83-128 | 1 | 30 | | | | |
| 1,2-Dichloroethane | 120 | 120 | 73-136 | 1 | 30 | | | | |
| Toluene | 108 | 109 | 83-127 | 0 | 30 | | | | |
| 1,2-Dibromoethane | 102 | 105 | 78-120 | 2 | 30 | | | | |
| Ethylbenzene | 112 | 112 | 82-134 | 0 | 30 | | | | |
| Xylene (Total) | 113 | 113 | 82-130 | 0 | 30 | | | | |
| Batch number: P032321AA | Sample number(s): 4103050,4103052-4103053 | | | | | | | | |
| Ethanol | 90 | 93 | 34-163 | 4 | 30 | | | | |
| Methyl Tertiary Butyl Ether | 96 | 98 | 69-134 | 2 | 30 | | | | |
| di-Isopropyl ether | 103 | 102 | 75-130 | 1 | 30 | | | | |
| Ethyl t-butyl ether | 101 | 102 | 73-123 | 1 | 30 | | | | |
| t-Amyl methyl ether | 102 | 105 | 77-117 | 3 | 30 | | | | |
| t-Butyl alcohol | 101 | 100 | 39-155 | 1 | 30 | | | | |
| Benzene | 109 | 108 | 83-128 | 0 | 30 | | | | |
| 1,2-Dichloroethane | 98 | 95 | 73-136 | 3 | 30 | | | | |
| Toluene | 109 | 111 | 83-127 | 2 | 30 | | | | |
| 1,2-Dibromoethane | 100 | 102 | 78-120 | 2 | 30 | | | | |
| Ethylbenzene | 109 | 112 | 82-134 | 3 | 30 | | | | |
| Xylene (Total) | 110 | 112 | 82-130 | 2 | 30 | | | | |

### Surrogate Quality Control

Analysis Name: TPH-GRO - Waters
Batch number: 03230A07B

| | Trifluorotoluene-F |
|---|---|
| 4103045 | 83 |
| Blank | 79 |
| LCS | 104 |
| MS | 104 |
| MSD | 106 |
| Limits: | 57-146 |

Analysis Name: TPH-GRO - Waters
Batch number: 03230A07C

| | Trifluorotoluene-F |
|---|---|

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

## Quality Control Summary

Client Name: ChevronTexaco
Reported: 08/25/03 at 05:49 PM

Group Number: 863454

### Surrogate Quality Control

| | |
|---|---|
| 4103044 | 81 |
| 4103046 | 79 |
| 4103047 | 80 |
| 4103048 | 80 |
| 4103049 | 80 |
| 4103050 | 81 |
| 4103051 | 83 |
| 4103052 | 141 |
| 4103053 | 118 |
| Blank | 81 |
| LCS | 104 |
| MS | 104 |
| MSD | 106 |
| Limits: | 57-146 |

Analysis Name: BTEX+MTBE by 8260B
Batch number: N032331AA

| | Dibromofluoromethane | 1,2-Dichloroethane-d4 | Toluene-d8 | 4-Bromofluorobenzene |
|---|---|---|---|---|
| 4103044 | 98 | 94 | 96 | 91 |
| Blank | 95 | 94 | 97 | 93 |
| LCS | 95 | 95 | 98 | 96 |
| MS | 97 | 94 | 98 | 99 |
| MSD | 99 | 96 | 98 | 98 |
| Limits: | 81-120 | 82-112 | 85-112 | 83-113 |

Analysis Name: BTEX+5 Oxygenates+EDC+EDB+ETOH
Batch number: P032303AB

| | Dibromofluoromethane | 1,2-Dichloroethane-d4 | Toluene-d8 | 4-Bromofluorobenzene |
|---|---|---|---|---|
| 4103045 | 101 | 98 | 103 | 98 |
| 4103046 | 98 | 99 | 102 | 96 |
| 4103047 | 101 | 102 | 102 | 98 |
| 4103048 | 101 | 103 | 102 | 97 |
| 4103049 | 103 | 102 | 103 | 97 |
| 4103051 | 102 | 100 | 103 | 97 |
| Blank | 101 | 99 | 103 | 99 |
| LCS | 98 | 103 | 104 | 104 |
| MS | 106 | 109 | 102 | 102 |
| MSD | 105 | 107 | 101 | 101 |
| Limits: | 81-120 | 82-112 | 85-112 | 83-113 |

Analysis Name: BTEX+5 Oxygenates+EDC+EDB+ETOH
Batch number: P032321AA

| | Dibromofluoromethane | 1,2-Dichloroethane-d4 | Toluene-d8 | 4-Bromofluorobenzene |
|---|---|---|---|---|
| 4103050 | 101 | 97 | 103 | 98 |
| 4103052 | 95 | 99 | 104 | 104 |
| 4103053 | 94 | 97 | 105 | 103 |
| Blank | 100 | 99 | 103 | 97 |
| LCS | 102 | 103 | 102 | 101 |
| MS | 94 | 104 | 103 | 101 |
| MSD | 95 | 103 | 105 | 104 |
| Limits: | 81-120 | 82-112 | 85-112 | 83-113 |

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

Lancaster Laboratories

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# Analysis Report



## Quality Control Summary

Client Name: ChevronTexaco
Reported: 08/25/03 at 05:49 PM

Group Number: 863454

### Surrogate Quality Control

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

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# 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 |
| **meq** | milliequivalents | **lb.** | pound(s) |
| **g** | gram(s) | **kg** | kilogram(s) |
| **ug** | microgram(s) | **mg** | milligram(s) |
| **ml** | milliliter(s) | **l** | liter(s) |
| **m3** | cubic meter(s) | **ul** | microliter(s) |

**<** 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

**J** estimated value – The result falls within the Method Detection Limit (MDL) and Limit of Quantitation (LOQ).

**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. All other results are reported on an as-received basis.

*U.S. EPA CLP 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 quantitated on a diluted sample |
| **E** | Concentration exceeds the calibration range of the instrument |
| **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 sample 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.

Measurement uncertainty values, as applicable, are available upon request.

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