

RO-304



# GETTLER-RYAN INC.

## TRANSMITTAL

JUL 31 2002

July 11, 2002  
G-R #386878

TO: Mr. James Brownell  
Delta Environmental Consultants, Inc.  
3164 Gold Camp Drive, Suite 200  
Rancho Cordova, California 95670

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

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

RE: **Chevron Service Station  
#9-2582  
7240 Dublin Boulevard  
Dublin, California**

WE HAVE ENCLOSED THE FOLLOWING:

| COPIES | DATED        | DESCRIPTION  |
|--------|--------------|--|
| 1      | July 3, 2002 | Groundwater Monitoring and Sampling Report<br>Second Quarter - Event of May 22, 2002 |

### COMMENTS:

Please provide any comments/changes and propose any groundwater monitoring modifications for the next event prior to **July 26, 2002**, at which time the final report will be distributed to the following:

- cc: Mr. Greg Gurss, Gettler-Ryan Inc., 3140 Gold Camp Drive, Suite 170, Rancho Cordova, CA 95670
- Ms. Eva Chu, Alameda County Health Care Services, Department of Environmental Health, 1131 Harbor Bay Parkway, Alameda, CA 94502
- Mr. Hooshang Hadjian, Owner/Operator, Chevron Service Station #9-2582, 7240 Dublin Blvd., Dublin, CA 94568

Enclosures

trans/9-2582-tb



# GETTLER-RYAN INC.

July 3, 2002  
G-R Job #386878

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

**RE: Second Quarter Event of May 22, 2002**  
Groundwater Monitoring & Sampling Report  
Chevron Service Station #9-2582  
7240 Dublin Boulevard  
Dublin, 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.

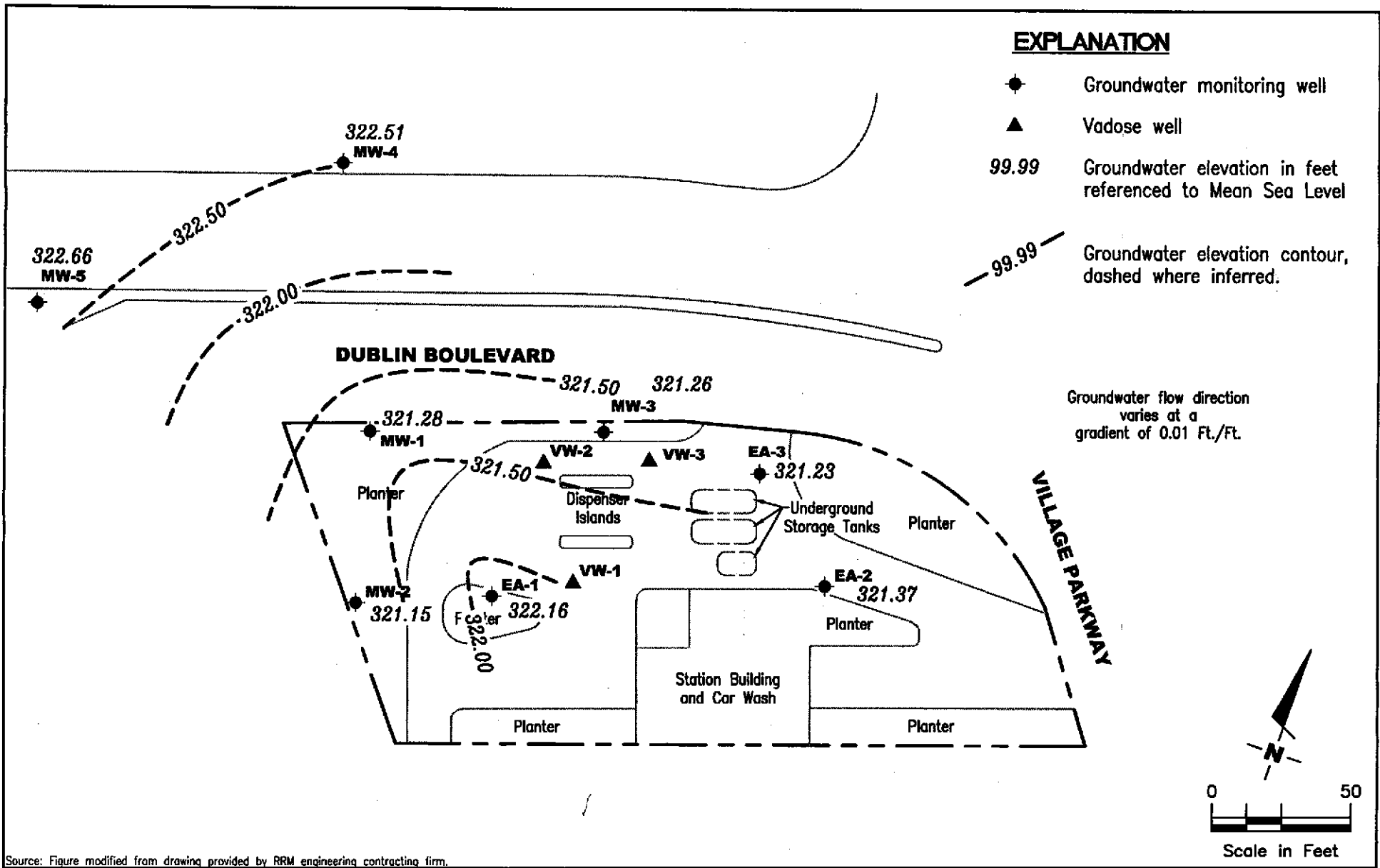
Sincerely,

Deanna L. Harding  
Project Coordinator

Hagop Kevork  
P.E. No. C55734



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



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

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

**POTENTIOMETRIC MAP**  
 Chevron Service Station #9-2582  
 7240 Dublin Boulevard  
 Dublin, California

FIGURE  
**1**

|                                 |             |                      |              |
|---------------------------------|-------------|----------------------|--------------|
| PROJECT NUMBER<br><b>386878</b> | REVIEWED BY | DATE<br>May 22, 2002 | REVISED DATE |
|---------------------------------|-------------|----------------------|--------------|

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
 Chevron Service Station #9-2582  
 7240 Dublin Boulevard  
 Dublin, California

| WELL ID/<br>DATE | TOC<br>(ft.) | GWE<br>(msl) | DTW<br>(ft.) | SPHT<br>(ft.) | SPH                  |                |            |            |            |            | MTBE<br>(ppb) | 1,2-DCA<br>(ppb) |
|------------------|--------------|--------------|--------------|---------------|----------------------|----------------|------------|------------|------------|------------|---------------|------------------|
|                  |              |              |              |               | REMOVED<br>(gallons) | TPH-G<br>(ppb) | B<br>(ppb) | T<br>(ppb) | E<br>(ppb) | X<br>(ppb) |               |                  |
| <b>EA-1</b>      |              |              |              |               |                      |                |            |            |            |            |               |                  |
| 10/17/88         | 333.41       | --           | --           | --            | --                   | <50            | <0.5       | <0.5       | <0.5       | <0.5       | --            | --               |
| 10/24/88         | 333.41       | 322.77       | 10.64        | --            | --                   | --             | --         | --         | --         | --         | --            | --               |
| 11/02/88         | 333.41       | 322.72       | 10.69        | --            | --                   | --             | --         | --         | --         | --         | --            | --               |
| 12/20/88         | 333.41       | 322.90       | 10.51        | --            | --                   | <50            | <0.5       | <0.5       | <0.5       | <0.5       | --            | --               |
| 03/28/89         | 333.41       | 323.54       | 9.87         | --            | --                   | <250           | <0.5       | <0.5       | <0.5       | <0.5       | --            | --               |
| 08/02/89         | 333.41       | 323.07       | 10.34        | --            | --                   | <50            | <0.1       | <0.1       | <0.1       | <0.1       | --            | <0.1             |
| 11/06/89         | 333.41       | 322.76       | 10.65        | --            | --                   | <500           | <3.0       | <5.0       | <5.0       | <5.0       | --            | <5.0             |
| 01/25/90         | 333.41       | 322.81       | 10.60        | --            | --                   | <50            | <0.5       | <0.5       | <0.5       | <0.5       | --            | <0.5             |
| 04/23/90         | 333.41       | 322.83       | 10.58        | --            | --                   | 71             | 2.0        | 5.0        | 3.0        | 8.0        | --            | <0.5             |
| 08/01/90         | 333.41       | 322.53       | 10.88        | --            | --                   | 300            | 86         | 21         | 10         | 33         | --            | --               |
| 10/24/91         | 333.41       | 322.29       | 11.12        | --            | --                   | 280            | 69         | 13         | 11         | 16         | --            | --               |
| 01/31/91         | 333.41       | 322.25       | 11.16        | --            | --                   | 460            | 160        | 11         | 17         | 17         | --            | --               |
| 08/21/91         | 333.41       | 322.61       | 10.80        | --            | --                   | 2,400          | 400        | 220        | 44         | 120        | --            | --               |
| 08/21/91 (D)     | 333.41       | --           | --           | --            | --                   | 2,300          | 390        | 210        | 42         | 120        | --            | --               |
| 10/07/91         | 333.41       | 322.62       | 10.79        | --            | --                   | --             | --         | --         | --         | --         | --            | --               |
| 01/28/92         | 333.41       | 322.62       | 10.79        | --            | --                   | 3,600          | 320        | 360        | 110        | 310        | --            | --               |
| 01/28/92 (D)     | 333.41       | --           | --           | --            | --                   | 3,000          | 290        | 320        | 99         | 270        | --            | --               |
| 06/05/92         | 333.41       | 322.57       | 10.84        | --            | --                   | 1,700          | 290        | 89         | 61         | 130        | --            | --               |
| 09/30/92         | 333.41       | 322.35       | 11.06        | --            | --                   | 2,100          | 160        | 260        | 80         | 350        | --            | --               |
| 12/30/92         | 333.41       | 323.26       | 10.15        | Sheen, Odor   | --                   | 3,200          | 240        | 180        | 110        | 310        | --            | --               |
| 03/29/93         | 333.41       | 323.99       | 9.42         | Odor          | --                   | 23,000         | 700        | 3,000      | 610        | 3,000      | --            | --               |
| 06/25/93         | 333.41       | 322.99       | 10.42        | --            | --                   | 2,700          | 130        | 590        | 130        | 590        | --            | --               |
| 09/16/93         | 333.41       | 322.75       | 10.66        | --            | --                   | 3,900          | 410        | 830        | 220        | 890        | --            | --               |
| 12/20/93         | 333.41       | 322.81       | 10.60        | --            | --                   | 27,000         | 1,200      | 2,600      | 1,100      | 4,200      | --            | --               |
| 03/29/94         | 333.41       | 323.00       | 10.41        | --            | --                   | 6,300          | 250        | 700        | 200        | 830        | --            | --               |
| 06/22/94         | 333.41       | 323.01       | 10.40        | --            | --                   | 4,100          | 71         | 240        | 110        | 460        | <30           | <10              |

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-2582  
7240 Dublin Boulevard  
Dublin, California

| WELL ID/<br>DATE   | TOC<br>(ft.) | GWE<br>(msl)              | DTW<br>(ft.) | SPHT<br>(ft.) | SPH                  |    | TPH-G<br>(ppb) | B<br>(ppb) | T<br>(ppb) | E<br>(ppb) | X<br>(ppb) | MTBE<br>(ppb)          | 1,2-DCA<br>(ppb) |
|--------------------|--------------|---------------------------|--------------|---------------|----------------------|----|----------------|------------|------------|------------|------------|------------------------|------------------|
|                    |              |                           |              |               | REMOVED<br>(gallons) |    |                |            |            |            |            |                        |                  |
| <b>EA-1 (cont)</b> |              |                           |              |               |                      |    |                |            |            |            |            |                        |                  |
| 09/20/94           | 333.41       | 323.04                    | 10.37        | --            | --                   | -- | 8,500          | 1,200      | 1,300      | 370        | 1,400      | --                     | --               |
| 10/04/94           | 333.41       | 323.07                    | 10.34        | --            | --                   | -- | 7,600          | 97         | 360        | 150        | 620        | --                     | --               |
| 11/30/94           | 333.41       | 323.95                    | 9.46         | --            | --                   | -- | 8,800          | 180        | 490        | 240        | 900        | --                     | --               |
| 03/02/95           | 331.03       | 321.07                    | 9.96         | --            | --                   | -- | 6,900          | 82         | 570        | 210        | 970        | --                     | --               |
| 06/15/95           | 331.03       | 321.23                    | 9.80         | --            | --                   | -- | 4,800          | 44         | 210        | 160        | 620        | <25                    | --               |
| 09/26/95           | 331.03       | 320.55                    | 10.48        | --            | --                   | -- | 13,000         | 150        | 620        | 370        | 1,400      | <125                   | --               |
| 12/28/95           | 331.03       | 320.89                    | 10.14        | --            | --                   | -- | 11,000         | 74         | 250        | 200        | 750        | 79                     | --               |
| 02/29/96           | 331.03       | 322.29                    | 8.74         | --            | --                   | -- | 17,000         | 59         | 480        | 350        | 1,600      | <125                   | --               |
| 06/27/96           | 331.03       | 320.82                    | 10.21        | --            | --                   | -- | 3,600          | 22         | 130        | 130        | 49         | 46                     | --               |
| 09/12/96           | 331.21       | 320.72                    | 10.49        | --            | --                   | -- | 2,000          | 20         | <10        | 18         | 44         | <50                    | --               |
| 03/31/97           | 331.21       | 321.02                    | 10.19        | --            | --                   | -- | 17,000         | 87         | 230        | 330        | 1,200      | 310                    | --               |
| 12/23/98           | 331.21       | 321.38                    | 9.83         | --            | --                   | -- | 290            | 20         | 0.88       | 1.1        | 16         | <2.5                   | --               |
| 03/25/99           | 331.21       | 322.08                    | 9.13         | --            | --                   | -- | 500            | 21         | <0.5       | 21         | <0.5       | 18                     | --               |
| 02/03/00           | 331.21       | 322.16                    | 9.05         | --            | --                   | -- | 2,310          | 35.7       | 90         | 21.8       | 147        | 1,280/365 <sup>3</sup> | --               |
| 01/23/01           | 331.21       | INACCESSIBLE              |              | --            | --                   | -- | --             | --         | --         | --         | --         | --                     | --               |
| 05/01/01           | 331.21       | 321.39                    | 9.82         | 0.00          | 0.00                 | -- | 7,710          | 19.9       | 12.6       | 22.3       | 64.0       | 31.8                   | --               |
| 08/28/01           | 331.21       | 321.17                    | 10.04        | 0.00          | 0.00                 | -- | 4,800          | 69         | <25        | 50         | 140        | 160                    | --               |
| 11/27/01           | 331.21       | 321.16                    | 10.05        | 0.00          | 0.00                 | -- | 5,300          | 25         | <5.0       | 30         | 120        | <20                    | --               |
| 02/28/02           | 331.21       | INACCESSIBLE - PAVED OVER |              |               |                      | -- | --             | --         | --         | --         | --         | --                     | --               |
| 05/22/02           | 331.21       | 322.16                    | 9.05         | 0.00          | 0.00                 | -- | 110            | <1.0       | <0.50      | 1.0        | <1.5       | <2.5                   | --               |
| <b>EA-2</b>        |              |                           |              |               |                      |    |                |            |            |            |            |                        |                  |
| 10/17/88           | 332.59       | --                        | --           | --            | --                   | -- | <50            | <0.5       | <0.5       | <0.5       | 1.2        | --                     | --               |
| 10/24/88           | 332.59       | 322.89                    | 9.70         | --            | --                   | -- | --             | --         | --         | --         | --         | --                     | --               |
| 11/02/88           | 332.59       | 322.56                    | 10.03        | --            | --                   | -- | --             | --         | --         | --         | --         | --                     | --               |

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-2582  
7240 Dublin Boulevard  
Dublin, California

| WELL ID/<br>DATE | TOC<br>(ft.) | GWE<br>(msl) | DTW<br>(ft.) | SPHT<br>(ft.) | SPH                  |                |            |            |            |            | MTBE<br>(ppb) | 1,2-DCA<br>(ppb) |
|------------------|--------------|--------------|--------------|---------------|----------------------|----------------|------------|------------|------------|------------|---------------|------------------|
|                  |              |              |              |               | REMOVED<br>(gallons) | TPH-G<br>(ppb) | B<br>(ppb) | T<br>(ppb) | E<br>(ppb) | X<br>(ppb) |               |                  |
| EA-2 (cont)      |              |              |              |               |                      |                |            |            |            |            |               |                  |
| 12/20/88         | 332.59       | 322.61       | 9.98         | --            | --                   | <50            | <0.5       | <0.5       | <0.5       | <0.5       | --            | --               |
| 03/28/89         | 332.59       | 323.79       | 8.80         | --            | --                   | <250           | <2.        | <0.5       | <0.5       | <0.5       | --            | <0.5             |
| 08/02/89         | 332.59       | 323.15       | 9.44         | --            | --                   | <50            | <0.1       | <0.1       | <0.1       | <0.1       | --            | <0.1             |
| 11/06/89         | 332.59       | 323.06       | 9.53         | --            | --                   | <500           | <3.0       | <5.0       | <5.0       | <5.0       | --            | <5.0             |
| 01/25/90         | 332.59       | 323.32       | 9.27         | --            | --                   | <50            | <0.5       | <0.5       | <0.5       | <0.5       | --            | <0.5             |
| 04/23/90         | 332.59       | 323.24       | 9.35         | --            | --                   | <50            | 0.6        | 0.8        | <0.5       | 2.0        | --            | <0.5             |
| 08/01/90         | 332.59       | 322.88       | 9.71         | --            | --                   | <50            | <0.5       | <0.5       | <0.5       | <0.5       | --            | --               |
| 10/24/90         | 332.59       | 322.51       | 10.08        | --            | --                   | <50            | <0.5       | <0.5       | <0.5       | <0.5       | --            | --               |
| 01/31/91         | 332.59       | 322.38       | 10.21        | --            | --                   | <50            | <0.5       | <0.5       | <0.5       | <0.5       | --            | --               |
| 01/31/91 (D)     | 332.59       | --           | --           | --            | --                   | <50            | <0.5       | <0.5       | <0.5       | <0.5       | --            | --               |
| 08/21/91         | 332.59       | 322.79       | 9.80         | --            | --                   | <50            | <0.5       | <0.5       | <0.5       | <0.5       | --            | --               |
| 10/07/91         | 332.59       | 322.61       | 9.98         | --            | --                   | --             | --         | --         | --         | --         | --            | --               |
| 01/28/92         | 332.59       | 322.78       | 9.81         | --            | --                   | <50            | 0.8        | <0.5       | <0.5       | <0.5       | --            | --               |
| 06/05/92         | 332.59       | 322.73       | 9.86         | --            | --                   | <50            | <0.5       | <0.5       | <0.5       | <0.5       | --            | --               |
| 09/30/92         | 332.59       | 321.99       | 10.60        | --            | --                   | 66             | 1.0        | 3.2        | 1.3        | 7.4        | --            | --               |
| 12/30/92         | 332.59       | 323.48       | 9.11         | --            | --                   | <50            | <0.5       | <0.5       | <0.5       | <0.5       | --            | --               |
| 03/29/93         | 332.59       | 324.86       | 7.73         | --            | --                   | <50            | <0.5       | <0.5       | <0.5       | <1.5       | --            | --               |
| 06/25/93         | 332.59       | 323.37       | 9.22         | --            | --                   | <50            | <0.5       | <0.5       | <0.5       | <1.5       | --            | --               |
| 09/16/93         | 332.59       | 322.59       | 10.00        | --            | --                   | <50            | <0.5       | <0.5       | <0.5       | <1.5       | --            | --               |
| 12/20/93         | 332.59       | 323.21       | 9.38         | --            | --                   | <50            | <0.5       | <0.5       | <0.5       | <0.5       | --            | --               |
| 03/29/94         | 332.59       | 323.29       | 9.30         | --            | --                   | <50            | <0.5       | 0.6        | <0.5       | <0.5       | --            | --               |
| 06/22/94         | 332.59       | 323.10       | 9.49         | --            | --                   | <50            | <0.5       | <0.5       | <0.5       | <0.5       | --            | --               |
| 09/26/94         | 332.59       | 322.87       | 9.72         | --            | --                   | <50            | <0.5       | <0.5       | <0.5       | <0.5       | --            | --               |
| 10/04/94         | 332.59       | 323.01       | 9.58         | --            | --                   | <50            | <0.5       | <0.5       | <0.5       | <0.5       | --            | --               |
| 11/30/94         | 332.59       | 323.89       | 8.70         | --            | --                   | <50            | <0.5       | <0.5       | <0.5       | <0.5       | --            | --               |
| 03/02/95         | 330.21       | 321.67       | 8.54         | --            | --                   | <50            | <0.5       | <0.5       | <0.5       | <0.5       | --            | --               |

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-2582  
7240 Dublin Boulevard  
Dublin, California

| WELL ID/<br>DATE   | TOC<br>(ft.) | GWE<br>(msl) | DTW<br>(ft.) | SPHT<br>(ft.) | SPH                  |                  |            |            |            |            | MTBE<br>(ppb)         | 1,2-DCA<br>(ppb) |
|--------------------|--------------|--------------|--------------|---------------|----------------------|------------------|------------|------------|------------|------------|-----------------------|------------------|
|                    |              |              |              |               | REMOVED<br>(gallons) | TPH-G<br>(ppb)   | B<br>(ppb) | T<br>(ppb) | E<br>(ppb) | X<br>(ppb) |                       |                  |
| <b>EA-2 (cont)</b> |              |              |              |               |                      |                  |            |            |            |            |                       |                  |
| 06/07/95           | 330.21       | 321.79       | 8.42         | --            | --                   | <50              | <0.5       | <0.5       | <0.5       | <0.5       | <2.5                  | --               |
| 09/26/95           | 330.21       | 320.87       | 9.34         | --            | --                   | 540              | 6.8        | <0.5       | 47         | 29         | 13                    | --               |
| 12/28/95           | 330.21       | 321.37       | 8.84         | --            | --                   | <50              | <0.5       | <0.5       | <0.5       | <0.5       | <2.5                  | --               |
| 02/29/96           | 330.21       | 322.77       | 7.44         | --            | --                   | <50              | <0.5       | <0.5       | <0.5       | 1.5        | <2.5                  | --               |
| 06/27/96           | 330.21       | 321.38       | 8.83         | --            | --                   | <50              | <0.5       | <0.5       | <0.5       | <0.5       | <2.5                  | --               |
| 09/12/96           | 330.41       | 321.01       | 9.40         | --            | --                   | <50              | <0.5       | <0.5       | <0.5       | <0.5       | <2.5                  | --               |
| 03/31/97           | 330.41       | 321.30       | 9.11         | --            | --                   | <50              | <0.5       | <0.5       | <0.5       | <0.5       | <2.5                  | --               |
| 12/23/98           | 330.41       | 321.50       | 8.91         | --            | --                   | <50              | <2.5       | <0.5       | <0.5       | <0.5       | <2.5                  | --               |
| 03/25/99           | 330.41       | 322.31       | 8.10         | --            | --                   | <50              | <0.5       | <0.5       | <0.5       | <0.5       | 2.7                   | --               |
| 02/03/00           | 330.41       | 322.05       | 8.36         | --            | --                   | <50              | <0.5       | <0.5       | <0.5       | <0.5       | <2.5/2.0 <sup>3</sup> | --               |
| 01/23/01           | 330.41       | 321.33       | 9.08         | 0.00          | 0.00                 | 441 <sup>1</sup> | 1.27       | 0.542      | 40.3       | 31.0       | 72.9                  | --               |
| 05/01/01           | 330.41       | 321.54       | 8.87         | 0.00          | 0.00                 | SAMPLED ANNUALLY |            |            | --         | --         | --                    | --               |
| 08/28/01           | 330.41       | 320.96       | 9.45         | 0.00          | 0.00                 | SAMPLED ANNUALLY |            |            | --         | --         | --                    | --               |
| 11/27/01           | 330.41       | 320.91       | 9.50         | 0.00          | 0.00                 | SAMPLED ANNUALLY |            |            | --         | --         | --                    | --               |
| 02/28/02           | 330.41       | 321.36       | 9.05         | 0.00          | 0.00                 | <50              | <0.50      | <0.50      | <0.50      | <1.5       | 74                    | --               |
| 05/22/02           | 330.41       | 321.37       | 9.04         | 0.00          | 0.00                 | SAMPLED ANNUALLY |            |            | --         | --         | --                    | --               |
| <b>EA-3</b>        |              |              |              |               |                      |                  |            |            |            |            |                       |                  |
| 10/17/88           | 333.64       | --           | --           | --            | --                   | <50              | 1.8        | <0.5       | <0.5       | 3.0        | --                    | --               |
| 10/24/88           | 333.64       | 322.61       | 11.03        | --            | --                   | --               | --         | --         | --         | --         | --                    | --               |
| 11/02/88           | 333.64       | 322.61       | 11.03        | --            | --                   | --               | --         | --         | --         | --         | --                    | --               |
| 12/20/88           | 333.64       | 322.68       | 10.96        | --            | --                   | 240              | 90         | 1.2        | 13         | 3.3        | --                    | --               |
| 03/28/89           | 333.64       | 322.87       | 9.77         | --            | --                   | 2,300            | 380        | 130        | 240        | 910        | --                    | --               |
| 08/02/89           | 333.64       | 322.99       | 10.65        | --            | --                   | <50              | <0.1       | <0.1       | <0.1       | <0.1       | --                    | <0.1             |
| 11/06/89           | 333.64       | 322.86       | 10.78        | --            | --                   | <500             | <3.0       | <5.0       | <5.0       | <5.0       | --                    | <5.0             |

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-2582  
7240 Dublin Boulevard  
Dublin, California

| WELL ID/<br>DATE | TOC<br>(ft.) | GWE<br>(msl) | DTW<br>(ft.) | SPHT<br>(ft.) | SPH                  |                |            |            | E<br>(ppb) | X<br>(ppb) | MTBE<br>(ppb) | 1,2-DCA<br>(ppb) |
|------------------|--------------|--------------|--------------|---------------|----------------------|----------------|------------|------------|------------|------------|---------------|------------------|
|                  |              |              |              |               | REMOVED<br>(gallons) | TPH-G<br>(ppb) | B<br>(ppb) | T<br>(ppb) |            |            |               |                  |
| EA-3 (cont)      |              |              |              |               |                      |                |            |            |            |            |               |                  |
| 01/25/90         | 333.64       | 322.98       | 10.66        | --            | --                   | <50            | <0.5       | <0.5       | <0.5       | <0.5       | --            | <0.5             |
| 04/23/90         | 333.64       | 322.96       | 10.68        | --            | --                   | <50            | 0.8        | <0.5       | 0.9        | <0.5       | --            | <0.5             |
| 08/01/90         | 333.64       | 322.61       | 11.03        | --            | --                   | <50            | <0.5       | <0.5       | <0.5       | <0.5       | --            | --               |
| 10/24/90         | 333.64       | 322.29       | 11.35        | --            | --                   | <50            | <0.5       | <0.5       | <0.5       | <0.5       | --            | --               |
| 01/31/91         | 333.64       | 322.12       | 11.52        | --            | --                   | <50            | <0.5       | <0.5       | <0.5       | <0.5       | --            | --               |
| 08/21/91         | 333.64       | --           | --           | --            | --                   | --             | --         | --         | --         | --         | --            | --               |
| 10/07/91         | 333.64       | 322.49       | 11.15        | --            | --                   | 180            | 40         | 20         | 4.7        | 8.4        | --            | --               |
| 10/07/91 (D)     | 333.64       | --           | --           | --            | --                   | 200            | 43         | 17         | 4.1        | 6.7        | --            | --               |
| 01/28/92         | 333.64       | 322.12       | 11.08        | --            | --                   | 640            | 69         | 85         | 13         | 46         | --            | --               |
| 06/05/92         | 333.64       | 322.66       | 10.98        | --            | --                   | 250            | 63         | 8.3        | 3.0        | 9.5        | --            | --               |
| 09/30/92         | 333.64       | 322.26       | 11.38        | --            | --                   | 330            | 120        | 33         | 6.3        | 22         | --            | --               |
| 12/30/92         | 333.64       | 323.16       | 10.48        | --            | --                   | 58             | 7.6        | 1.3        | 2.5        | 5.4        | --            | --               |
| 03/29/93         | 333.64       | 324.34       | 9.30         | --            | --                   | 120            | 11         | 4.5        | 6.2        | 13         | --            | --               |
| 06/25/93         | 333.64       | 323.18       | 10.46        | --            | --                   | <50            | <0.5       | <0.5       | <0.5       | <1.5       | --            | --               |
| 09/16/93         | 333.64       | 322.74       | 10.90        | --            | --                   | 85             | 3.9        | 8.8        | 4.5        | 22         | --            | --               |
| 12/20/93         | 333.64       | 322.98       | 10.66        | --            | --                   | 190            | 12         | 12         | 13         | 50         | --            | --               |
| 03/29/94         | 333.64       | 323.14       | 10.50        | --            | --                   | <50            | <0.5       | 1.2        | <0.5       | 0.9        | --            | --               |
| 06/22/94         | 333.64       | 323.00       | 10.64        | --            | --                   | <50            | <0.5       | <0.5       | <0.5       | <0.5       | <3.0          | <1.0             |
| 09/26/94         | 333.64       | 322.92       | 10.72        | --            | --                   | <50            | <0.5       | <0.5       | <0.5       | <0.5       | --            | --               |
| 10/04/94         | 333.64       | 322.96       | 10.68        | --            | --                   | <50            | <0.5       | <0.5       | <0.5       | 0.7        | --            | --               |
| 11/30/94         | 333.64       | 323.98       | 9.66         | --            | --                   | 170            | 6.1        | 3.0        | 6.5        | 28         | --            | --               |
| 03/02/95         | 331.30       | 321.38       | 9.92         | --            | --                   | <50            | <0.5       | <0.5       | <0.5       | <0.5       | --            | --               |
| 06/07/95         | 331.30       | 321.58       | 9.72         | --            | --                   | <50            | <0.5       | <0.5       | <0.5       | <0.5       | 3.2           | --               |
| 09/26/95         | 331.30       | 320.70       | 10.60        | --            | --                   | 2,000          | 140        | <5.0       | <5.0       | 190        | 280           | --               |
| 12/28/95         | 331.30       | 321.48       | 9.82         | --            | --                   | <50            | <0.5       | <0.5       | <0.5       | <0.5       | 26            | --               |
| 02/29/96         | 331.30       | 323.02       | 8.28         | --            | --                   | <50            | 2.1        | <0.5       | 2.5        | 6.0        | 31            | --               |



**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-2582  
7240 Dublin Boulevard  
Dublin, California

| WELL ID/<br>DATE   | TOC<br>(ft.) | GWE<br>(msl) | DTW<br>(ft.) | SPHT<br>(ft.) | SPH                  |                       |            |            |            |            | MTBE<br>(ppb) | 1,2-DCA<br>(ppb) |
|--------------------|--------------|--------------|--------------|---------------|----------------------|-----------------------|------------|------------|------------|------------|---------------|------------------|
|                    |              |              |              |               | REMOVED<br>(gallons) | TPH-G<br>(ppb)        | B<br>(ppb) | T<br>(ppb) | E<br>(ppb) | X<br>(ppb) |               |                  |
| <b>EA-3 (cont)</b> |              |              |              |               |                      |                       |            |            |            |            |               |                  |
| 06/27/96           | 331.30       | 321.39       | 9.91         | --            | --                   | <50                   | <0.5       | <0.5       | <0.5       | <0.5       | <2.5          | --               |
| 09/12/96           | 331.50       | 320.91       | 10.59        | --            | --                   | 13,000                | <20        | <20        | <20        | <20        | 48            | --               |
| 03/31/97           | 331.50       | INACCESSIBLE |              | --            | --                   | --                    | --         | --         | --         | --         | --            | --               |
| 04/15/97           | 331.50       | 321.25       | 10.25        | --            | --                   | <125                  | 2.0        | <1.2       | <1.2       | <1.2       | 680           | --               |
| 12/23/98           | 331.50       | INACCESSIBLE |              | --            | --                   | --                    | --         | --         | --         | --         | --            | --               |
| 03/25/99           | 331.50       | INACCESSIBLE |              | --            | --                   | --                    | --         | --         | --         | --         | --            | --               |
| 02/03/00           | 331.50       | INACCESSIBLE |              | --            | --                   | --                    | --         | --         | --         | --         | --            | --               |
| 01/23/01           | 331.50       | 321.19       | 10.31        | 0.00          | 0.00                 | 862 <sup>1</sup>      | 3.97       | 1.15       | 18.9       | 48.6       | 289           | --               |
| 05/01/01           | 331.50       | 321.35       | 10.15        | 0.00          | 0.00                 | SAMPLED SEMI-ANNUALLY |            |            |            |            |               | --               |
| 08/28/01           | 331.50       | 320.94       | 10.56        | 0.00          | 0.00                 | <50                   | <0.50      | <0.50      | <0.50      | <0.50      | 37            | --               |
| 11/27/01           | 331.50       | 320.85       | 10.65        | 0.00          | 0.00                 | SAMPLED SEMI-ANNUALLY |            |            |            |            |               | --               |
| 02/28/02           | 331.50       | 321.13       | 10.37        | 0.00          | 0.00                 | <50                   | 1.3        | <0.50      | 2.0        | 1.8        | 90            | --               |
| 05/22/02           | 331.50       | 321.23       | 10.27        | 0.00          | 0.00                 | SAMPLED SEMI-ANNUALLY |            |            |            |            |               | --               |
| <b>MW-1</b>        |              |              |              |               |                      |                       |            |            |            |            |               |                  |
| 10/04/94           | 333.56       | 320.76       | 12.80        | --            | --                   | 2,100                 | 150        | 170        | 61         | 320        | --            | --               |
| 11/30/94           | 333.56       | 321.18       | 12.38        | --            | --                   | 1,500                 | 210        | 17         | 73         | 130        | --            | --               |
| 03/02/95           | 333.56       | 320.68       | 12.88        | --            | --                   | 2,600                 | 510        | <10        | 160        | <10        | --            | --               |
| 06/07/95           | 333.56       | 320.98       | 12.58        | --            | --                   | 710                   | 160        | <2.0       | 45         | <2.0       | <10           | --               |
| 09/26/95           | 333.56       | 320.41       | 13.15        | --            | --                   | 1,100                 | 140        | 1.4        | 92         | 1.8        | <5.0          | --               |
| 12/28/95           | 333.56       | 320.47       | 13.09        | --            | --                   | 750                   | 96         | 2.5        | 61         | 7.4        | 37            | --               |
| 02/29/96           | 333.56       | 321.39       | 12.17        | --            | --                   | 250                   | 17         | <0.5       | 18         | 0.81       | 9.0           | --               |
| 06/27/96           | 333.56       | 320.61       | 12.95        | --            | --                   | 710                   | 72         | <2.0       | 92         | 2.2        | <10           | --               |
| 09/12/96           | 333.66       | 320.55       | 13.11        | --            | --                   | 300                   | 53         | <0.5       | 32         | 0.65       | 21            | --               |
| 03/31/97           | 333.66       | 320.67       | 12.99        | --            | --                   | <200                  | 4.1        | <2.0       | 4.8        | <2.0       | 640           | --               |

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-2582  
7240 Dublin Boulevard  
Dublin, California

| WELL ID/<br>DATE   | TOC<br>(ft.) | GWE<br>(msl) | DTW<br>(ft.) | SPHT<br>(ft.) | SPH                  |      | TPH-G<br>(ppb)        | B<br>(ppb) | T<br>(ppb) | E<br>(ppb) | X<br>(ppb) | MTBE<br>(ppb)            | 1,2-DCA<br>(ppb) |
|--------------------|--------------|--------------|--------------|---------------|----------------------|------|-----------------------|------------|------------|------------|------------|--------------------------|------------------|
|                    |              |              |              |               | REMOVED<br>(gallons) |      |                       |            |            |            |            |                          |                  |
| <b>MW-1 (cont)</b> |              |              |              |               |                      |      |                       |            |            |            |            |                          |                  |
| 12/23/98           | 333.66       | 319.79       | 13.87        | --            | --                   | --   | <50                   | <50        | <0.5       | <0.5       | <0.5       | 3200                     | --               |
| 03/25/99           | 333.66       | 321.65       | 12.01        | --            | --                   | --   | <50                   | <0.5       | <0.5       | <0.5       | <0.5       | 5,200/5,200 <sup>3</sup> | --               |
| 02/03/00           | 333.66       | 321.75       | 11.91        | --            | --                   | --   | <500                  | <5.0       | <5.0       | <5.0       | <5.0       | 3,180/3,350 <sup>3</sup> | --               |
| 01/23/01           | 333.66       | 321.09       | 12.57        | 0.00          | 0.00                 | 0.00 | <50.0                 | <0.500     | <0.500     | <0.500     | <0.500     | 4,420                    | --               |
| 05/01/01           | 333.66       | 321.06       | 12.60        | 0.00          | 0.00                 | 0.00 | SAMPLED SEMI-ANNUALLY |            |            | --         | --         | --                       | --               |
| 08/28/01           | 333.66       | 320.92       | 12.74        | 0.00          | 0.00                 | 0.00 | <50                   | <0.50      | <0.50      | <0.50      | <0.50      | 4,800                    | --               |
| 11/27/01           | 333.66       | 320.96       | 12.70        | 0.00          | 0.00                 | 0.00 | SAMPLED SEMI-ANNUALLY |            |            | --         | --         | --                       | --               |
| 02/28/02           | 333.66       | 320.96       | 12.70        | 0.00          | 0.00                 | 0.00 | <50                   | <0.50      | <0.50      | <0.50      | <1.5       | 1,400                    | --               |
| 05/22/02           | 333.66       | 321.28       | 12.38        | 0.00          | 0.00                 | 0.00 | SAMPLED SEMI-ANNUALLY |            |            | --         | --         | --                       | --               |
| <b>MW-2</b>        |              |              |              |               |                      |      |                       |            |            |            |            |                          |                  |
| 10/04/94           | 329.18       | 320.62       | 8.56         | --            | --                   | --   | 2,300                 | 160        | 280        | 96         | 480        | --                       | --               |
| 11/30/94           | 329.18       | 320.85       | 8.33         | --            | --                   | --   | 1,600                 | 170        | 16         | 110        | 120        | --                       | --               |
| 03/02/95           | 329.18       | 320.83       | 8.35         | --            | --                   | --   | 1,200                 | 220        | 5.6        | 140        | 36         | --                       | --               |
| 06/07/95           | 329.18       | 320.56       | 8.62         | --            | --                   | --   | 160                   | 25         | <0.5       | 16         | <0.5       | 240                      | --               |
| 09/26/95           | 329.18       | 320.47       | 8.71         | --            | --                   | --   | 150                   | 15         | <0.5       | 7.2        | <0.5       | 120                      | --               |
| 12/28/95           | 329.18       | 320.40       | 8.78         | --            | --                   | --   | 400                   | 34         | 1.3        | 26         | 5.1        | 170                      | --               |
| 02/29/96           | 329.18       | 321.36       | 7.82         | --            | --                   | --   | 120                   | 29         | <0.5       | <0.5       | <0.5       | 790                      | --               |
| 06/27/96           | 329.18       | 320.46       | 8.72         | --            | --                   | --   | 150                   | 13         | <0.5       | 7.0        | <0.5       | 850                      | --               |
| 09/12/96           | 329.29       | 320.48       | 8.81         | --            | --                   | --   | <1,000                | 18         | <10        | <10        | <10        | 3,100                    | --               |
| 03/31/97           | 329.29       | 320.64       | 8.65         | --            | --                   | --   | <500                  | <5.0       | <5.0       | <5.0       | <5.0       | 1,400                    | --               |
| 12/23/98           | 329.29       | 320.97       | 8.32         | --            | --                   | --   | <50                   | <0.5       | <0.5       | <0.5       | <1.5       | 900                      | --               |
| 03/25/99           | 329.29       | 321.40       | 7.89         | --            | --                   | --   | <50                   | 2.6        | <0.5       | <0.5       | <0.5       | 1,100/670 <sup>3</sup>   | --               |
| 02/03/00           | 329.29       | 321.76       | 7.53         | --            | --                   | --   | <125                  | <1.25      | <1.25      | <1.25      | <1.25      | 1,020/1,100 <sup>3</sup> | --               |
| 01/23/01           | 329.29       | 321.11       | 8.18         | 0.00          | 0.00                 | 0.00 | <50.0                 | <0.500     | <0.500     | <0.500     | <0.500     | 642                      | --               |

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-2582  
7240 Dublin Boulevard  
Dublin, California

| WELL ID/<br>DATE      | TOC<br>(ft.) | GWE<br>(msl) | DTW<br>(ft.) | SPHT<br>(ft.) | SPH                  |                     |            |            |            |            | MTBE<br>(ppb)                | 1,2-DCA<br>(ppb) |
|-----------------------|--------------|--------------|--------------|---------------|----------------------|---------------------|------------|------------|------------|------------|------------------------------|------------------|
|                       |              |              |              |               | REMOVED<br>(gallons) | TPH-G<br>(ppb)      | B<br>(ppb) | T<br>(ppb) | E<br>(ppb) | X<br>(ppb) |                              |                  |
| <b>MW-2 (cont)</b>    |              |              |              |               |                      |                     |            |            |            |            |                              |                  |
| 05/01/01              | 329.29       | 320.86       | 8.43         | 0.00          | 0.00                 | 70.8                | <0.500     | <5.00      | <5.00      | <5.00      | 342                          | --               |
| 08/28/01              | 329.29       | 320.90       | 8.39         | 0.00          | 0.00                 | <50                 | <0.50      | <0.50      | <0.50      | <0.50      | 530                          | --               |
| 11/27/01              | 329.29       | 320.83       | 8.46         | 0.00          | 0.00                 | 210                 | <0.50      | <0.50      | <0.50      | <1.5       | 260                          | --               |
| 02/28/02              | 329.29       | 320.81       | 8.48         | 0.00          | 0.00                 | <50                 | <0.50      | <0.50      | <0.50      | <1.5       | 180                          | --               |
| 05/22/02              | 329.29       | 321.15       | 8.14         | 0.00          | 0.00                 | <50                 | <0.50      | <0.50      | <0.50      | <1.5       | 180                          | --               |
| <b>MW-3</b>           |              |              |              |               |                      |                     |            |            |            |            |                              |                  |
| 10/04/94              | 332.73       | 320.67       | 12.06        | --            | --                   | 6,300               | 610        | 750        | 68         | 670        | --                           | --               |
| 11/30/94              | 332.73       | 321.35       | 11.38        | --            | --                   | 17,000              | 3,600      | 490        | 430        | 610        | --                           | --               |
| 03/02/95              | 332.73       | 320.76       | 11.97        | --            | --                   | 8,500               | 2,200      | <50        | 240        | <50        | 64,000                       | --               |
| 06/07/95              | 332.73       | 321.19       | 11.54        | --            | --                   | 3,000               | 710        | 18         | 220        | 44         | 3,100                        | --               |
| 09/26/95              | 332.73       | 320.37       | 12.36        | --            | --                   | <10,000             | 230        | <100       | 130        | <100       | 64,000                       | --               |
| 12/28/95              | 332.73       | 320.66       | 12.07        | --            | --                   | <12,500             | 760        | <125       | <125       | <125       | 100,000                      | --               |
| 02/29/96              | 332.73       | 321.72       | 11.01        | --            | --                   | 1,600               | 380        | <10        | 84         | 17         | 33,000                       | --               |
| 06/27/96              | 332.73       | 320.80       | 11.93        | --            | --                   | 1,400               | <2.5       | 4.3        | 130        | 4.0        | 96,000                       | --               |
| 09/12/96              | 332.86       | 320.60       | 12.26        | --            | --                   | <10,000             | 560        | <100       | 110        | <100       | 100,000                      | --               |
| 03/31/97              | 332.86       | 320.82       | 12.04        | --            | --                   | <25,000             | 1,200      | 370        | <250       | 380        | 130,000                      | --               |
| 12/23/98              | 332.86       | 320.02       | 12.92        | 0.10          | 0.079                | --                  | --         | --         | --         | --         | --                           | --               |
| 03/25/99              | 332.86       | 320.34       | 12.56        | 0.05          | 0.05                 | --                  | --         | --         | --         | --         | --                           | --               |
| 02/03/00              | 332.86       | 321.74       | 11.12        | --            | --                   | 92,100              | 4,780      | 11,400     | 2,270      | 15,800     | 137,000/162,000 <sup>3</sup> | --               |
| 01/23/01 <sup>4</sup> | 332.86       | 321.08       | 11.78        | 0.00          | 0.00                 | 60,600 <sup>2</sup> | 4,810      | 7,500      | 1,870      | 11,000     | 148,000                      | --               |
| 05/01/01 <sup>4</sup> | 332.86       | 322.20       | 10.66        | 0.00          | 0.00                 | 56,000              | 3,760      | 5,640      | <2,500     | 8,740      | 136,000                      | --               |
| 08/28/01 <sup>4</sup> | 332.86       | 321.07       | 11.79        | 0.00          | 0.00                 | 32,000              | 3,800      | 2,600      | 1,200      | 7,500      | 160,000                      | --               |

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-2582  
7240 Dublin Boulevard  
Dublin, California

| WELL ID/<br>DATE      | TOC<br>(ft.) | GWE<br>(msl) | DTW<br>(ft.) | SPHT<br>(ft.) | SPH                  |                  |            |            |            |            | MTBE<br>(ppb)          | 1,2-DCA<br>(ppb) |
|-----------------------|--------------|--------------|--------------|---------------|----------------------|------------------|------------|------------|------------|------------|------------------------|------------------|
|                       |              |              |              |               | REMOVED<br>(gallons) | TPH-G<br>(ppb)   | B<br>(ppb) | T<br>(ppb) | E<br>(ppb) | X<br>(ppb) |                        |                  |
| <b>MW-3 (cont)</b>    |              |              |              |               |                      |                  |            |            |            |            |                        |                  |
| 11/27/01 <sup>5</sup> | 332.86       | 320.88       | 11.98        | 0.00          | 0.00                 | 110,000          | 1,300      | 2,400      | 1,500      | 9,400      | 90,000                 | --               |
| 02/28/02              | 332.86       | 321.05       | 11.81        | 0.00          | 0.00                 | 24,000           | 1,900      | 820        | 520        | 3,100      | 90,000                 | --               |
| 05/22/02              | 332.86       | 321.26       | 11.60        | 0.00          | 0.00                 | 110,000          | 4,000      | 3,200      | 2,800      | 18,000     | 140,000                | --               |
| <b>MW-4</b>           |              |              |              |               |                      |                  |            |            |            |            |                        |                  |
| 03/01/96              | 332.64       | 322.74       | 9.90         | --            | --                   | <50              | <0.5       | <0.5       | <0.5       | <0.5       | <2.5                   | --               |
| 04/02/96              | 332.64       | 322.87       | 9.77         | --            | --                   | --               | --         | --         | --         | --         | --                     | --               |
| 06/27/96              | 332.64       | 322.64       | 10.00        | --            | --                   | <50              | <0.5       | <0.5       | <0.5       | <0.5       | <2.5                   | --               |
| 09/12/96              | 332.63       | 320.96       | 11.67        | --            | --                   | <50              | <0.5       | <0.5       | <0.5       | <0.5       | 3.5                    | --               |
| 03/31/97              | 332.63       | 322.04       | 10.59        | --            | --                   | <50              | <0.5       | <0.5       | <0.5       | <0.5       | <2.5                   | --               |
| 12/23/98              | 332.63       | 322.26       | 10.37        | --            | --                   | <50              | <0.5       | <0.5       | <0.5       | <1.5       | <2.5                   | --               |
| 03/25/99              | 332.63       | 322.72       | 9.91         | --            | --                   | <50              | <0.5       | <0.5       | <0.5       | <0.5       | <2.5                   | --               |
| 02/03/00              | 332.63       | 322.31       | 10.32        | --            | --                   | <50              | <0.5       | <0.5       | <0.5       | <0.5       | <2.5/<2.0 <sup>3</sup> | --               |
| 01/23/01              | 332.63       | 322.09       | 10.54        | 0.00          | 0.00                 | <50.0            | <0.500     | <0.500     | <0.500     | <0.500     | <5.00                  | --               |
| 05/01/01              | 332.63       | 322.31       | 10.32        | 0.00          | 0.00                 | SAMPLED ANNUALLY |            |            | --         | --         | --                     | --               |
| 08/28/01              | 332.63       | 322.06       | 10.57        | 0.00          | 0.00                 | SAMPLED ANNUALLY |            |            | --         | --         | --                     | --               |
| 11/27/01              | 332.63       | 322.34       | 10.29        | 0.00          | 0.00                 | SAMPLED ANNUALLY |            |            | --         | --         | --                     | --               |
| 02/28/02              | 332.63       | 322.33       | 10.30        | 0.00          | 0.00                 | <50              | <0.50      | <0.50      | <0.50      | <1.5       | <2.5                   | --               |
| 05/22/02              | 332.63       | 322.51       | 10.12        | 0.00          | 0.00                 | SAMPLED ANNUALLY |            |            | --         | --         | --                     | --               |
| <b>MW-5</b>           |              |              |              |               |                      |                  |            |            |            |            |                        |                  |
| 03/01/96              | 333.20       | 322.58       | 10.62        | --            | --                   | <50              | <0.5       | <0.5       | <0.5       | <0.5       | <2.5                   | --               |
| 04/02/96              | 333.20       | 323.06       | 10.14        | --            | --                   | --               | --         | --         | --         | --         | --                     | --               |
| 06/27/96              | 333.20       | 322.98       | 10.22        | --            | --                   | <50              | <0.5       | <0.5       | <0.5       | <0.5       | <2.5                   | --               |

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-2582  
7240 Dublin Boulevard  
Dublin, California

| WELL ID/<br>DATE       | TOC<br>(ft.) | GWE<br>(msl) | DTW<br>(ft.) | SPHT<br>(ft.) | SPH                  |                  | TPH-G<br>(ppb) | B<br>(ppb) | T<br>(ppb) | E<br>(ppb) | X<br>(ppb) | MTBE<br>(ppb)          | 1,2-DCA<br>(ppb) |
|------------------------|--------------|--------------|--------------|---------------|----------------------|------------------|----------------|------------|------------|------------|------------|------------------------|------------------|
|                        |              |              |              |               | REMOVED<br>(gallons) |                  |                |            |            |            |            |                        |                  |
| <b>MW-5 (cont)</b>     |              |              |              |               |                      |                  |                |            |            |            |            |                        |                  |
| 09/12/96               | 333.04       | 322.19       | 10.85        | --            | --                   | <50              | <0.5           | <0.5       | <0.5       | <0.5       | <0.5       | <2.5                   | --               |
| 03/31/97               | 333.04       | 322.60       | 10.44        | --            | --                   | <50              | <0.5           | <0.5       | <0.5       | <0.5       | <0.5       | <2.5                   | --               |
| 12/23/98               | 333.04       | 322.83       | 10.21        | --            | --                   | <50              | <0.5           | <0.5       | <0.5       | <0.5       | <1.5       | <2.5                   | --               |
| 03/25/99               | 333.04       | 323.12       | 9.92         | --            | --                   | <50              | <0.5           | <0.5       | <0.5       | <0.5       | <0.5       | <2.5                   | --               |
| 02/03/00               | 333.04       | 323.41       | 9.63         | --            | --                   | <50              | <0.5           | <0.5       | <0.5       | <0.5       | <0.5       | <2.5/<2.0 <sup>3</sup> | --               |
| 01/23/01               | 333.04       | 322.69       | 10.35        | 0.00          | 0.00                 | <50.0            | <0.500         | <0.500     | <0.500     | <0.500     | <0.500     | <5.00                  | --               |
| 05/01/01               | 333.04       | 322.70       | 10.34        | 0.00          | 0.00                 | SAMPLED ANNUALLY |                | --         | --         | --         | --         | --                     | --               |
| 08/28/01               | 333.04       | 322.60       | 10.44        | 0.00          | 0.00                 | SAMPLED ANNUALLY |                | --         | --         | --         | --         | --                     | --               |
| 11/27/01               | 333.04       | 322.87       | 10.17        | 0.00          | 0.00                 | SAMPLED ANNUALLY |                | --         | --         | --         | --         | --                     | --               |
| 02/28/02               | 333.04       | 322.84       | 10.20        | 0.00          | 0.00                 | <50              | <0.50          | <0.50      | <0.50      | <0.50      | <1.5       | <2.5                   | --               |
| 05/22/02               | 333.04       | 322.66       | 10.38        | 0.00          | 0.00                 | SAMPLED ANNUALLY |                | --         | --         | --         | --         | --                     | --               |
| <b>PVC</b>             |              |              |              |               |                      |                  |                |            |            |            |            |                        |                  |
| 08/02/89               | --           | --           | 11.52        | --            | --                   | 100,000          | 8,700          | 14,000     | 1,700      | 17,000     | --         | --                     | 50               |
| 08/02/89 (D)           | --           | --           | --           | --            | --                   | 110,000          | 9,200          | 14,000     | 1,800      | 13,000     | --         | --                     | 50               |
| 11/06/89               | --           | --           | --           | --            | --                   | --               | --             | --         | --         | --         | --         | --                     | --               |
| <b>EQUIPMENT BLANK</b> |              |              |              |               |                      |                  |                |            |            |            |            |                        |                  |
| 03/28/89               | --           | --           | --           | --            | --                   | <250             | <0.5           | <0.5       | <0.5       | <0.5       | <0.5       | --                     | --               |

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
 Chevron Service Station #9-2582  
 7240 Dublin Boulevard  
 Dublin, California

| WELL ID/<br>DATE  | TOC<br>(ft.) | GWE<br>(msl) | DTW<br>(ft.) | SPHT<br>(ft.) | SPH                  |                |            |            |            | MTBE<br>(ppb) | 1,2-DCA<br>(ppb) |            |
|-------------------|--------------|--------------|--------------|---------------|----------------------|----------------|------------|------------|------------|---------------|------------------|------------|
|                   |              |              |              |               | REMOVED<br>(gallons) | TPH-G<br>(ppb) | B<br>(ppb) | T<br>(ppb) | E<br>(ppb) |               |                  | X<br>(ppb) |
| <b>TRIP BLANK</b> |              |              |              |               |                      |                |            |            |            |               |                  |            |
| 07/28/89          | --           | --           | --           | --            | --                   | <50            | <0.1       | <0.1       | <0.1       | <0.1          | --               | <0.1       |
| 11/06/89          | --           | --           | --           | --            | --                   | <500           | <3.0       | <0.5       | <0.5       | <0.5          | --               | <0.5       |
| 01/25/90          | --           | --           | --           | --            | --                   | <50            | <0.5       | <0.5       | <0.5       | <0.5          | --               | --         |
| 08/01/90          | --           | --           | --           | --            | --                   | <50            | <0.5       | <0.5       | <0.5       | <0.5          | --               | <0.5       |
| 10/24/90          | --           | --           | --           | --            | --                   | <50            | <0.5       | <0.5       | <0.5       | <0.5          | --               | --         |
| 01/31/91          | --           | --           | --           | --            | --                   | <50            | <0.5       | <0.5       | <0.5       | <0.5          | --               | --         |
| 08/21/91          | --           | --           | --           | --            | --                   | <50            | <0.5       | <0.5       | <0.5       | <0.5          | --               | --         |
| 10/07/91          | --           | --           | --           | --            | --                   | <50            | <0.5       | <0.5       | <0.5       | <0.5          | --               | --         |
| 01/28/92          | --           | --           | --           | --            | --                   | <50            | <0.5       | <0.5       | <0.5       | <0.5          | --               | --         |
| 06/05/92          | --           | --           | --           | --            | --                   | <50            | <0.5       | <0.5       | <0.5       | <0.5          | --               | --         |
| 09/30/92          | --           | --           | --           | --            | --                   | <50            | <0.5       | <0.5       | <0.5       | <0.5          | --               | --         |
| 12/30/92          | --           | --           | --           | --            | --                   | <50            | <0.5       | <0.5       | <0.5       | <0.5          | --               | --         |
| 03/29/93          | --           | --           | --           | --            | --                   | <50            | <0.5       | <0.5       | <0.5       | <1.5          | --               | --         |
| 06/25/93          | --           | --           | --           | --            | --                   | <50            | <0.5       | <0.5       | <0.5       | <1.5          | --               | --         |
| 09/16/93          | --           | --           | --           | --            | --                   | <50            | <0.5       | <0.5       | <0.5       | <1.5          | --               | --         |
| 12/20/93          | --           | --           | --           | --            | --                   | <50            | <0.5       | <0.5       | <0.5       | <0.5          | --               | --         |
| 03/29/94          | --           | --           | --           | --            | --                   | <50            | <0.5       | <0.5       | <0.5       | <0.5          | --               | --         |
| 06/22/94          | --           | --           | --           | --            | --                   | <50            | <0.5       | <0.5       | <0.5       | <0.5          | --               | --         |
| 09/26/94          | --           | --           | --           | --            | --                   | <50            | <0.5       | <0.5       | <0.5       | <0.5          | --               | --         |
| 10/04/94          | --           | --           | --           | --            | --                   | <50            | <0.5       | <0.5       | <0.5       | <0.5          | --               | --         |
| 11/30/94          | --           | --           | --           | --            | --                   | <50            | <0.5       | <0.5       | <0.5       | <0.5          | --               | --         |
| 03/02/95          | --           | --           | --           | --            | --                   | <50            | <0.5       | <0.5       | <0.5       | <0.5          | --               | --         |
| 06/07/95          | --           | --           | --           | --            | --                   | <50            | <0.5       | <0.5       | <0.5       | <0.5          | <2.5             | --         |
| 09/26/95          | --           | --           | --           | --            | --                   | <50            | <0.5       | <0.5       | <0.5       | <0.5          | --               | --         |
| 12/28/95          | --           | --           | --           | --            | --                   | <50            | <0.5       | <0.5       | <0.5       | <0.5          | --               | --         |

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-2582  
7240 Dublin Boulevard  
Dublin, California

| WELL ID/<br>DATE         | TOC<br>(ft.) | GWE<br>(msl) | DTW<br>(ft.) | SPHT<br>(ft.) | SPH                  |                |            |            |            |            |        | MTBE<br>(ppb) | 1,2-DCA<br>(ppb) |
|--------------------------|--------------|--------------|--------------|---------------|----------------------|----------------|------------|------------|------------|------------|--------|---------------|------------------|
|                          |              |              |              |               | REMOVED<br>(gallons) | TPH-G<br>(ppb) | B<br>(ppb) | T<br>(ppb) | E<br>(ppb) | X<br>(ppb) |        |               |                  |
| <b>TRIP BLANK (cont)</b> |              |              |              |               |                      |                |            |            |            |            |        |               |                  |
| 02/29/96                 | --           | --           | --           | --            | --                   | <50            | <0.5       | <0.5       | <0.5       | <0.5       | <2.5   | --            |                  |
| 03/01/96                 | --           | --           | --           | --            | --                   | <50            | <0.5       | <0.5       | <0.5       | <0.5       | <2.5   | --            |                  |
| 06/27/96                 | --           | --           | --           | --            | --                   | <50            | <0.5       | <0.5       | <0.5       | <0.5       | --     | --            |                  |
| 09/12/96                 | --           | --           | --           | --            | --                   | <50            | <0.5       | <0.5       | <0.5       | <0.5       | --     | --            |                  |
| 03/31/97                 | --           | --           | --           | --            | --                   | <50            | <0.5       | <0.5       | <0.5       | <0.5       | <2.5   | --            |                  |
| 12/23/98                 | --           | --           | --           | --            | --                   | <50            | <0.5       | <0.5       | <0.5       | <0.5       | <2.5   | --            |                  |
| 03/25/99                 | --           | --           | --           | --            | --                   | <50            | <0.5       | <0.5       | <0.5       | <0.5       | <2.5   | --            |                  |
| 02/03/00                 | --           | --           | --           | --            | --                   | <50            | <0.5       | <0.5       | <0.5       | <0.5       | <2.5   | --            |                  |
| 01/23/01                 | --           | --           | --           | --            | --                   | <50.0          | <0.500     | <0.500     | <0.500     | <0.500     | <5.00  | --            |                  |
| 05/01/01                 | --           | --           | --           | --            | --                   | <50.0          | <0.500     | <5.00      | <5.00      | <5.00      | <0.500 | --            |                  |
| 08/28/01                 | --           | --           | --           | --            | --                   | <50            | <0.50      | <0.50      | <0.50      | <0.50      | <2.5   | --            |                  |
| <b>QA</b>                |              |              |              |               |                      |                |            |            |            |            |        |               |                  |
| 11/27/01                 | --           | --           | --           | --            | --                   | <50            | <0.50      | <0.50      | <0.50      | <1.5       | <2.5   | --            |                  |
| 02/28/02                 | --           | --           | --           | --            | --                   | <50            | <0.50      | <0.50      | <0.50      | <1.5       | <2.5   | --            |                  |
| 05/22/02                 | --           | --           | --           | --            | --                   | <50            | <0.50      | <0.50      | <0.50      | <1.5       | <2.5   | --            |                  |

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-2582  
7240 Dublin Boulevard  
Dublin, California

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**EXPLANATIONS:**

Groundwater monitoring data and laboratory analytical results prior to January 23, 2001, were compiled from reports prepared by Blaine Tech Services, Inc.

TOC = Top of Casing

(ft.) = Feet

GWE = Groundwater Elevation

(msl) = Mean sea level

DTW = Depth to Water

SPHT = Separate Phase Hydrocarbon Thickness

SPH = Separate Phase Hydrocarbons

TPH-G = Total Petroleum Hydrocarbons as Gasoline

B = Benzene

T = Toluene

E = Ethylbenzene

X = Xylenes

MTBE = Methyl tertiary butyl ether

1,2-DCA = 1,2-Dichloroethane

(ppb) = Parts per billion

-- = Not Measured/Not Analyzed

(D) = Duplicate

QA = Quality Assurance

\* TOC elevations are relative to msl.

<sup>1</sup> Laboratory report indicates weathered gasoline C6-C12.

<sup>2</sup> Laboratory report indicates gasoline C6-C12.

<sup>3</sup> MTBE by EPA Method 8260.

<sup>4</sup> Absorbent sock in well.

<sup>5</sup> Absorbent sock removed from well.



**Table 2**  
**Groundwater Analytical Results - Oxygenate Compounds**  
Chevron Service Station #9-2582  
7240 Dublin Boulevard  
Dublin, California

| <b>WELL ID/<br/>DATE</b> | <b>METHANOL<br/>(ppb)</b> | <b>ETHANOL<br/>(ppb)</b> | <b>TBA<br/>(ppb)</b> | <b>MTBE<br/>(ppb)</b> | <b>DIPE<br/>(ppb)</b> | <b>ETBE<br/>(ppb)</b> | <b>TAME<br/>(ppb)</b> |
|--------------------------|---------------------------|--------------------------|----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| <b>EA-1</b>              |                           |                          |                      |                       |                       |                       |                       |
| 02/03/00                 | 1,600                     | <5,000                   | <1,000               | 365                   | <10                   | <10                   | <10                   |
| <b>EA-2</b>              |                           |                          |                      |                       |                       |                       |                       |
| 02/03/00                 | <1,000                    | <1,000                   | <200                 | <2.0                  | <2.0                  | <2.0                  | <2.0                  |
| <b>MW-1</b>              |                           |                          |                      |                       |                       |                       |                       |
| 03/25/99                 | --                        | <25,000                  | <5,000               | 5,200                 | <100                  | <100                  | <100                  |
| 02/03/00                 | <1,000                    | <33,300                  | <6,670               | 3,350                 | <66.7                 | <66.7                 | <66.7                 |
| <b>MW-2</b>              |                           |                          |                      |                       |                       |                       |                       |
| 03/25/99                 | --                        | <500                     | <100                 | 670                   | <2.0                  | <2.0                  | 7.8                   |
| 02/03/00                 | <1,000                    | <10,000                  | <2,000               | 1,100                 | <20                   | <20                   | <20                   |
| <b>MW-3</b>              |                           |                          |                      |                       |                       |                       |                       |
| 02/03/00                 | <20,000                   | <1,000,000               | <200,000             | 162,000               | <2,000                | <2,000                | <2,000                |
| <b>MW-4</b>              |                           |                          |                      |                       |                       |                       |                       |
| 02/03/00                 | <1,000                    | <1,000                   | <200                 | <2.0                  | <2.0                  | <2.0                  | <2.0                  |

**Table 2**  
**Groundwater Analytical Results - Oxygenate Compounds**  
 Chevron Service Station #9-2582  
 7240 Dublin Boulevard  
 Dublin, California

| WELL ID/<br>DATE       | METHANOL<br>(ppb) | ETHANOL<br>(ppb) | TBA<br>(ppb) | MTBE<br>(ppb) | DIPE<br>(ppb) | ETBE<br>(ppb) | TAME<br>(ppb) |
|------------------------|-------------------|------------------|--------------|---------------|---------------|---------------|---------------|
| MW-5<br>02/03/00       | <1,000            | <1,000           | <200         | <2.0          | <2.0          | <2.0          | <2.0          |
| TRIP BLANK<br>03/25/99 | --                | <500             | <100         | <2.0          | <2.0          | <2.0          | <2.0          |

**EXPLANATIONS:**

Groundwater laboratory analytical results were compiled from reports prepared by Blaine Tech Services, Inc.

TBA = Tertiary butyl alcohol

MTBE = Methyl tertiary butyl ether

DIPE = Di-isopropyl ether

ETBE = Ethyl tertiary butyl ether

TAME = Tertiary amyl methyl ether

(ppb) = Parts per billion

-- = Not Analyzed

## 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, static water level measurements are collected with the interface probe and are also recorded in the field notes.

After water levels are collected and prior to sampling, each well is purged a minimum of three well casing volumes of water using pre-cleaned pumps (stack, suction, Grundfos), or polyvinyl chloride 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 Chevron-designated 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.

**WELL MONITORING/SAMPLING  
FIELD DATA SHEET.**

CHEVRON

Facility # 9-2582

Job#: 386878

Address: 7240 Dublin Blvd.

Date: 5/22/02

City: Dublin, CA

Sampler: G. R. [unclear]

Well ID EA-1

Well Condition: OK

Well Diameter 4 in.

Hydrocarbon Thickness: 0 (feet) Amount Bailed (product/water): 0 (Gallons)

Total Depth 38.27 ft.

|                    |           |            |           |
|--------------------|-----------|------------|-----------|
| Volume Factor (VF) | 2" = 0.17 | 3" = 0.38  | 4" = 0.66 |
|                    | 6" = 1.50 | 12" = 5.80 |           |

Depth to Water 9.05 ft.

29.22 x VF .66 = 19.28 x 3 (case volume) = Estimated Purge Volume: 60 (gal.)

Purge Equipment: Disposable Bailer  
Bailer  
Stack  
Suction  
Grundfos  
Other: \_\_\_\_\_

Sampling Equipment: Disposable Bailer  
Bailer  
Pressure Bailer  
Grab Sample  
Other: \_\_\_\_\_

Starting Time: 0700

Weather Conditions: Clear

Sampling Time: 0810

Water Color: Clear Odor: yes

Purging Flow Rate: 22 gpm.

Sediment Description: \_\_\_\_\_

Did well de-water? no

If yes; Time: \_\_\_\_\_ Volume: \_\_\_\_\_ (gal.)

| Time        | Volume (gal.) | pH          | Conductivity $\mu\text{mhos/cm}$ | Temperature $^{\circ}\text{C}$ | D.O. (mg/L) | ORP (mV) | Alkalinity (ppm) |
|-------------|---------------|-------------|----------------------------------|--------------------------------|-------------|----------|------------------|
| <u>0718</u> | <u>20</u>     | <u>7.80</u> | <u>996</u>                       | <u>13.8</u>                    |             |          |                  |
| <u>0728</u> | <u>40</u>     | <u>7.76</u> | <u>982</u>                       | <u>14.3</u>                    |             |          |                  |
| <u>0745</u> | <u>60</u>     | <u>7.71</u> | <u>979</u>                       | <u>14.6</u>                    |             |          |                  |

**LABORATORY INFORMATION**

| SAMPLE ID   | (#) CONTAINER       | REFRIG.  | PRESERV. TYPE | LABORATORY       | ANALYSES                |
|-------------|---------------------|----------|---------------|------------------|-------------------------|
| <u>EA-1</u> | <u>3 X VOA VIAL</u> | <u>Y</u> | <u>HCL</u>    | <u>LANCASTER</u> | <u>TPHIG)/btex/mtbe</u> |
|             |                     |          |               |                  |                         |
|             |                     |          |               |                  |                         |

COMMENTS: Chipped concrete from well lid - can now be opened with one of those big 'T' handled tools (T-Bar)

**WELL MONITORING/SAMPLING  
FIELD DATA SHEET.**

CHEVRON  
 Facility # 9-2582  
 Address: 7240 Dublin Blvd.  
 City: Dublin, CA

Job#: 386878  
 Date: 5/22/01  
 Sampler: G. Rogers

Well ID EA-2

Well Condition: OK

Well Diameter 4 in.

Total Depth 28.85 ft.

Depth to Water 9.04 ft.

| Hydrocarbon Thickness: | Amount Bailed |                            |           |  |
|------------------------|---------------|----------------------------|-----------|--|
|                        | (feet)        | (product/water): (Gallons) |           |  |
| Volume Factor (VF)     | 2" = 0.17     | 3" = 0.38                  | 4" = 0.66 |  |
|                        | 6" = 1.50     | 12" = 5.80                 |           |  |

~~\_\_\_\_\_ X VF \_\_\_\_\_ = \_\_\_\_\_ X 3 (case volume) = Estimated Purge Volume: \_\_\_\_\_ (gal.)~~

Purge Equipment: ~~Disposable Bailer  
Bailer  
Stack  
Suction  
Grundfos  
Other: \_\_\_\_\_~~

Sampling Equipment: ~~Disposable Bailer  
Bailer  
Pressure Bailer  
Grab Sample  
Other: \_\_\_\_\_~~

~~Starting Time: \_\_\_\_\_  
 Sampling Time: \_\_\_\_\_  
 Purging Flow Rate: \_\_\_\_\_ gpm.  
 Did well de-water? \_\_\_\_\_~~

~~Weather Conditions: \_\_\_\_\_  
 Water Color: \_\_\_\_\_ Odor: \_\_\_\_\_  
 Sediment Description: \_\_\_\_\_  
 If yes: Time: \_\_\_\_\_ Volume: \_\_\_\_\_ (gal.)~~

| Time | Volume (gal.) | pH | Conductivity $\mu\text{mhos/cm}$ | Temperature $^{\circ}\text{F}$ | D.O. (mg/L) | ORP (mV) | Alkalinity (ppm) |
|------|---------------|----|----------------------------------|--------------------------------|-------------|----------|------------------|
|      |               |    |                                  |                                |             |          |                  |
|      |               |    |                                  |                                |             |          |                  |
|      |               |    |                                  |                                |             |          |                  |
|      |               |    |                                  |                                |             |          |                  |
|      |               |    |                                  |                                |             |          |                  |

**LABORATORY INFORMATION**

| SAMPLE ID | (#) CONTAINER | REFRIG. | PRESERV. TYPE | LABORATORY | ANALYSES        |
|-----------|---------------|---------|---------------|------------|-----------------|
| EA-       | X VOA VIAL    | Y       | HCL           | LANCASTER  | TPH(G)/bTEX/mbe |
|           |               |         |               |            |                 |
|           |               |         |               |            |                 |
|           |               |         |               |            |                 |

COMMENTS: Monitored Only

**WELL MONITORING/SAMPLING  
FIELD DATA SHEET.**

CHEVRON  
 Facility # 9-2582  
 Address: 7240 Dublin Blvd.  
 City: Dublin, CA

Job#: 386878  
 Date: 5/22/02  
 Sampler: G. Rogers

Well ID EA-3  
 Well Diameter 4 in.  
 Total Depth 39.50 ft.  
 Depth to Water 10.27 ft.

Well Condition: OK  
 Hydrocarbon Thickness: \_\_\_\_\_ (feet) Amount Bailed (product/water): \_\_\_\_\_ (Gallons)  
 Volume Factor (VF) 2" = 0.17 3" = 0.98 4" = 0.66  
 6" = 1.50 12" = 5.80

~~\_\_\_\_\_ X VF \_\_\_\_\_ = \_\_\_\_\_ X 3 (case volume) = Estimated Purge Volume: \_\_\_\_\_ (gal.)~~

Purge Equipment: Disposable Bailer  
 Bailer  
 Stack  
 Suction  
 Grundfos  
 Other: \_\_\_\_\_

Sampling Equipment: Disposable Bailer  
 Bailer  
 Pressure Bailer  
 Grab Sample  
 Other: \_\_\_\_\_

Starting Time: \_\_\_\_\_ Weather Conditions: \_\_\_\_\_  
 Sampling Time: \_\_\_\_\_ Water Color: \_\_\_\_\_ Odor: \_\_\_\_\_  
 Purging Flow Rate: \_\_\_\_\_ gpm. Sediment Description: \_\_\_\_\_  
 Did well de-water? \_\_\_\_\_ If yes; Time: \_\_\_\_\_ Volume: \_\_\_\_\_ (gal.)

| Time | Volume (gal.) | pH | Conductivity $\mu$ mhos/cm | Temperature $^{\circ}$ F | D.O. (mg/L) | ORP (mV) | Alkalinity (ppm) |
|------|---------------|----|----------------------------|--------------------------|-------------|----------|------------------|
|      |               |    |                            |                          |             |          |                  |
|      |               |    |                            |                          |             |          |                  |
|      |               |    |                            |                          |             |          |                  |
|      |               |    |                            |                          |             |          |                  |

**LABORATORY INFORMATION**

| SAMPLE ID  | CONTAINER         | REFRIG.  | PRESERV. TYPE | LABORATORY       | ANALYSES               |
|------------|-------------------|----------|---------------|------------------|------------------------|
| <u>EA-</u> | <u>X VOA VIAL</u> | <u>Y</u> | <u>HCL</u>    | <u>LANCASTER</u> | <u>TPH(G)/btx/mtbs</u> |
|            |                   |          |               |                  |                        |
|            |                   |          |               |                  |                        |

COMMENTS: Monitored Only

**WELL MONITORING/SAMPLING  
FIELD DATA SHEET.**

CHEVRON

Facility # 9-2582

Job#: 386878

Address: 7240 Dublin Blvd.

Date: 5/27/02

City: Dublin, CA

Sampler: G. Pogue

Well ID MW-1

Well Condition: OK

Well Diameter 2 in.

Hydrocarbon Thickness: \_\_\_\_\_ (feet) Amount Bailed (product/water): \_\_\_\_\_ (Gallons)

Total Depth 25.08 ft.

Depth to Water 12.38 ft.

|                    |           |            |           |
|--------------------|-----------|------------|-----------|
| Volume Factor (VF) | 2" = 0.17 | 3" = 0.38  | 4" = 0.66 |
|                    | 6" = 1.50 | 12" = 5.80 |           |

Purge Equipment:

- Disposable Bailer
- Bailer
- Stack
- Suction
- Grundfos
- Other: \_\_\_\_\_

Sampling Equipment:

- Disposable Bailer
- Bailer
- Pressure Bailer
- Grab Sample
- Other: \_\_\_\_\_

$\text{X VF} = \text{X 3 (case volume)} = \text{Estimated Purge Volume:}$  \_\_\_\_\_ (gal.)

Starting Time: \_\_\_\_\_

Weather Conditions: \_\_\_\_\_

Sampling Time: \_\_\_\_\_

Water Color: \_\_\_\_\_ Odor: \_\_\_\_\_

Purging Flow Rate: \_\_\_\_\_ gpm.

Sediment Description: \_\_\_\_\_

Did well de-water? \_\_\_\_\_

If yes; Time: \_\_\_\_\_ Volume: \_\_\_\_\_ (gal.)

| Time | Volume (gal.) | pH | Conductivity $\mu\text{mhos/cm}$ | Temperature $^{\circ}\text{F}$ | D.O. (mg/L) | ORP (mV) | Alkalinity (ppm) |
|------|---------------|----|----------------------------------|--------------------------------|-------------|----------|------------------|
|      |               |    |                                  |                                |             |          |                  |
|      |               |    |                                  |                                |             |          |                  |
|      |               |    |                                  |                                |             |          |                  |
|      |               |    |                                  |                                |             |          |                  |
|      |               |    |                                  |                                |             |          |                  |
|      |               |    |                                  |                                |             |          |                  |

**LABORATORY INFORMATION**

| SAMPLE ID   | (#): CONTAINER    | REFRIG.  | PRESERV. TYPE | LABORATORY       | ANALYSES                 |
|-------------|-------------------|----------|---------------|------------------|--------------------------|
| <u>MW-1</u> | <u>X VOA VIAL</u> | <u>Y</u> | <u>HCL</u>    | <u>LANCASTER</u> | <u>TPH(GI)/bTEX/mtbe</u> |
|             |                   |          |               |                  |                          |
|             |                   |          |               |                  |                          |
|             |                   |          |               |                  |                          |

COMMENTS: Monitored Only

**WELL MONITORING/SAMPLING  
FIELD DATA SHEET.**

CHEVRON

Facility # 9-2582  
 Address: 7240 Dublin Blvd.  
 City: Dublin, CA

Job#: 386878  
 Date: 5/22/02  
 Sampler: G. Rogers

Well ID MW-2 Well Condition: OK

Well Diameter 2 in.  
 Total Depth 19.81 ft.  
 Depth to Water 8.14 ft.

Hydrocarbon Thickness: 0 (feet) Amount Bailed (product/water): 0 (Gallons)

|                    |           |            |           |
|--------------------|-----------|------------|-----------|
| Volume Factor (VF) | 2" = 0.17 | 3" = 0.38  | 4" = 0.66 |
|                    | 6" = 1.50 | 12" = 5.80 |           |

11.67 x VF 17 = 1.99 x 3 (case volume) = Estimated Purge Volume: 6 (gal.)

Purge Equipment: Disposable Bailer  
 Bailer  
 Stack  
 Suction  
 Grundfos  
 Other: \_\_\_\_\_

Sampling Equipment: Disposable Bailer  
 Bailer  
 Pressure Bailer  
 Grab Sample  
 Other: \_\_\_\_\_

Starting Time: 0615  
 Sampling Time: 0650  
 Purging Flow Rate: \_\_\_\_\_ gpm.  
 Did well de-water? NO

Weather Conditions: Clear  
 Water Color: \_\_\_\_\_ Odor: NO  
 Sediment Description: \_\_\_\_\_  
 If yes; Time: \_\_\_\_\_ Volume: \_\_\_\_\_ (gal.)

| Time        | Volume (gal.) | pH          | Conductivity $\mu$ mhos/cm | Temperature | D.O. (mg/L) | ORP (mV) | Alkalinity (ppm) |
|-------------|---------------|-------------|----------------------------|-------------|-------------|----------|------------------|
| <u>0625</u> | <u>2</u>      | <u>7.33</u> | <u>1126</u>                | <u>16.1</u> |             |          |                  |
| <u>0633</u> | <u>4</u>      | <u>7.28</u> | <u>1114</u>                | <u>16.1</u> |             |          |                  |
| <u>0640</u> | <u>6</u>      | <u>7.23</u> | <u>1099</u>                | <u>16.3</u> |             |          |                  |

**LABORATORY INFORMATION**

| SAMPLE ID   | (#) CONTAINER       | REFRIG.  | PRESERV. TYPE | LABORATORY       | ANALYSES                |
|-------------|---------------------|----------|---------------|------------------|-------------------------|
| <u>MW-2</u> | <u>3 X VOA VIAL</u> | <u>Y</u> | <u>HCL</u>    | <u>LANCASTER</u> | <u>TPH(G)/bTEX/mTBE</u> |
|             |                     |          |               |                  |                         |
|             |                     |          |               |                  |                         |

COMMENTS: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_



**WELL MONITORING/SAMPLING  
FIELD DATA SHEET.**

CHEVRON

Facility # 9-2582

Job#: 386878

Address: 7240 Dublin Blvd.

Date: 5/22/02

City: Dublin, CA

Sampler: G. Pagen

Well ID MW-3

Well Condition: OK

Well Diameter 2 in.

Hydrocarbon Thickness: \_\_\_\_\_ (feet) Amount Bailed (product/water): \_\_\_\_\_ (Gallons)

Total Depth 21.81 ft.

Depth to Water 11.60 ft.

|                    |           |            |           |
|--------------------|-----------|------------|-----------|
| Volume Factor (VF) | 2" = 0.17 | 3" = 0.38  | 4" = 0.66 |
|                    | 6" = 1.50 | 12" = 5.80 |           |

10.21 x VF .17 = 1.73 x 3 (case volume) = Estimated Purge Volume: 5.5 (gal.)

Purge Equipment: Disposable Bailer  
Bailer  
Stack  
Suction  
Grundfos  
Other: \_\_\_\_\_

Sampling Equipment: Disposable Bailer  
Bailer  
Pressure Bailer  
Grab Sample  
Other: \_\_\_\_\_

Starting Time: 0815

Weather Conditions: Clear

Sampling Time: 0850

Water Color: clear Odor: yes

Purging Flow Rate: \_\_\_\_\_ gpm.

Sediment Description: \_\_\_\_\_

Did well de-water? no

If yes: Time: \_\_\_\_\_ Volume: \_\_\_\_\_ (gal.)

| Time        | Volume (gal.) | pH          | Conductivity $\mu$ mhos/cm | Temperature $^{\circ}$ F | D.O. (mg/L) | ORP (mV) | Alkalinity (ppm) |
|-------------|---------------|-------------|----------------------------|--------------------------|-------------|----------|------------------|
| <u>0825</u> | <u>2</u>      | <u>7.25</u> | <u>1344</u>                | <u>16.5</u>              |             |          |                  |
| <u>0833</u> | <u>4</u>      | <u>7.14</u> | <u>1337</u>                | <u>16.5</u>              |             |          |                  |
| <u>0840</u> | <u>5.5</u>    | <u>7.04</u> | <u>1331</u>                | <u>16.0</u>              |             |          |                  |
|             |               |             |                            |                          |             |          |                  |

**LABORATORY INFORMATION**

| SAMPLE ID   | (#) CONTAINER       | REFRIG.  | PRESERV. TYPE | LABORATORY       | ANALYSES                |
|-------------|---------------------|----------|---------------|------------------|-------------------------|
| <u>MW-3</u> | <u>3 X VOA VIAL</u> | <u>Y</u> | <u>HCL</u>    | <u>LANCASTER</u> | <u>TPHIG)/bTEX/mtbe</u> |
|             |                     |          |               |                  |                         |
|             |                     |          |               |                  |                         |

COMMENTS: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**WELL MONITORING/SAMPLING  
FIELD DATA SHEET.**

CHEVRON  
 Facility # 9-2582  
 Address: 7240 Dublin Blvd.  
 City: Dublin, CA

Job#: 386878  
 Date: 5/22/02  
 Sampler: G. Rogers

Well ID MW-4

Well Condition: OK

Well Diameter 2 in.

Hydrocarbon Thickness: \_\_\_\_\_ (feet) Amount Bailed (product/water): \_\_\_\_\_ (Gallons)

Total Depth 1955 ft.

Depth to Water 10.12 ft.

|                    |           |            |           |
|--------------------|-----------|------------|-----------|
| Volume Factor (VF) | 2" = 0.17 | 3" = 0.38  | 4" = 0.66 |
|                    | 6" = 1.50 | 12" = 5.80 |           |

\_\_\_\_\_ x VF \_\_\_\_\_ = \_\_\_\_\_ x 2 (case volume) = Estimated Purge Volume: \_\_\_\_\_ (gal.)

Purge Equipment: ~~Disposable Bailer  
Bailer  
Stack  
Suction  
Grundfos  
Other: \_\_\_\_\_~~

Sampling Equipment: ~~Disposable Bailer  
Bailer  
Pressure Bailer  
Grab Sample  
Other: \_\_\_\_\_~~

Starting Time: \_\_\_\_\_  
 Sampling Time: \_\_\_\_\_  
 Purging Flow Rate: \_\_\_\_\_ gpm.  
 Did well de-water? \_\_\_\_\_

Weather Conditions: \_\_\_\_\_  
 Water Color: \_\_\_\_\_ Odor: \_\_\_\_\_  
 Sediment Description: \_\_\_\_\_  
 If yes; Time: \_\_\_\_\_ Volume: \_\_\_\_\_ (gal.)

| Time | Volume (gal.) | pH | Conductivity $\mu\text{mhos/cm}$ | Temperature $^{\circ}\text{F}$ | D.O. (mg/L) | ORP (mV) | Alkalinity (ppm) |
|------|---------------|----|----------------------------------|--------------------------------|-------------|----------|------------------|
|      |               |    |                                  |                                |             |          |                  |
|      |               |    |                                  |                                |             |          |                  |
|      |               |    |                                  |                                |             |          |                  |
|      |               |    |                                  |                                |             |          |                  |
|      |               |    |                                  |                                |             |          |                  |

**LABORATORY INFORMATION**

| SAMPLE ID | (#) CONTAINER | REFRIG. | PRESERV. TYPE | LABORATORY | ANALYSES        |
|-----------|---------------|---------|---------------|------------|-----------------|
| MW-       | X VOA VIAL    | Y       | HCL           | LANCASTER  | TPHIG/diox/mtbe |
|           |               |         |               |            |                 |
|           |               |         |               |            |                 |
|           |               |         |               |            |                 |

COMMENTS: Monitored only

**WELL MONITORING/SAMPLING  
FIELD DATA SHEET.**

CHEVRON

Facility # 9-2582

Job#: 386878

Address: 7240 Dublin Blvd.

Date: 5/22/02

City: Dublin, CA

Sampler: G. Hayes

Well ID MW-5

Well Condition: OK

Well Diameter 2 in.

Hydrocarbon Thickness: \_\_\_\_\_ (feet) Amount Bailed (product/water): \_\_\_\_\_ (Gallons)

Total Depth 19.35 ft.

Depth to Water 10.38 ft.

|                    |           |            |           |
|--------------------|-----------|------------|-----------|
| Volume Factor (VF) | 2" = 0.17 | 3" = 0.38  | 4" = 0.66 |
|                    | 6" = 1.50 | 12" = 5.80 |           |

Purge Equipment: \_\_\_\_\_ X VF \_\_\_\_\_ = \_\_\_\_\_ X 3 (case volume) = Estimated Purge Volume: \_\_\_\_\_ (gal.)

Disposal Bailer  
Bailer  
Stack  
Suction  
Grundfos  
Other: \_\_\_\_\_

Sampling Equipment: Disposable Bailer  
Bailer  
Pressure Bailer  
Grab Sample  
Other: \_\_\_\_\_

Starting Time: \_\_\_\_\_

Weather Conditions: \_\_\_\_\_

Sampling Time: \_\_\_\_\_

Water Color: \_\_\_\_\_ Odor: \_\_\_\_\_

Purging Flow Rate: \_\_\_\_\_ gpm

Sediment Description: \_\_\_\_\_

Did well de-water? \_\_\_\_\_

If yes; Time: \_\_\_\_\_ Volume: \_\_\_\_\_ (gal.)

| Time | Volume (gal.) | pH | Conductivity $\mu\text{hos/cm}$ | Temperature $^{\circ}\text{F}$ | D.O. (mg/L) | ORP (mV) | Alkalinity (ppm) |
|------|---------------|----|---------------------------------|--------------------------------|-------------|----------|------------------|
|      |               |    |                                 |                                |             |          |                  |
|      |               |    |                                 |                                |             |          |                  |
|      |               |    |                                 |                                |             |          |                  |
|      |               |    |                                 |                                |             |          |                  |
|      |               |    |                                 |                                |             |          |                  |

**LABORATORY INFORMATION**

| SAMPLE ID  | (#) CONTAINER     | REFRIG.  | PRESERV. TYPE | LABORATORY       | ANALYSES                 |
|------------|-------------------|----------|---------------|------------------|--------------------------|
| <u>MW-</u> | <u>X VOA VIAL</u> | <u>Y</u> | <u>HCL</u>    | <u>LANCASTER</u> | <u>TPH(GI)/bTEX/mtbe</u> |
|            |                   |          |               |                  |                          |
|            |                   |          |               |                  |                          |

COMMENTS: Monitored Only

# Chevron California Region Analysis Request/Chain of Custody



For Lancaster Laboratories use only  
 Acct. #: 10905 Sample #: 3824808-11 SCR#: \_\_\_\_\_

052202-002

ID #: 9-2582 Job # 386878 Global ID# T0600100355  
 Address: 7240 DUBLIN BLVD., DUBLIN, CA  
 Project Manager: Karen Streich Lead Consultant: DELTA/G-R  
 Consultant/Office: G-R, Inc., 6747 Sierra Court, Dublin, Ca 94568  
 Consultant Prj. Mgr.: Deanna L. Harding (Deanna@grinc.com)  
 Consultant Phone #: 925-551-7555 Fax #: 925-551-7899  
 Sampler: G. Roger  
 Order #: \_\_\_\_\_  Non SAR: \_\_\_\_\_

### Analyses Requested

| Matrix   |                          | Preservation Codes                  |                                     |                                     |                                     |                                     |                                     |                          |                          |                          |                          |
|--|--------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| Soil   | Water                    | H                                   | H                                   |                                     |                                     |                                     |                                     |                          |                          |                          |                          |
| <input type="checkbox"/> Potable<br><input type="checkbox"/> NPDES | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |                                     |                                     |                                     |                                     |                          |                          |                          |                          |
| <input type="checkbox"/> Oil <input type="checkbox"/> Air          |                          |                                     |                                     |                                     |                                     |                                     |                                     |                          |                          |                          |                          |
| Total Number of Containers   |                          | BTEX + MTBE 8260                    | 8027A                               | TPH 8015 MOD                        | GRO                                 | TPH 8015 MOD DRO                    | Silica Gel Cleanup                  | 8260 full scan           | Oxygenates               | Lead 7420                | 7421                     |
|  |                          | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

**Preservative Codes**  
 H = HCl      T = Thiosulfate  
 N = HNO<sub>3</sub>    B = NaOH  
 S = H<sub>2</sub>SO<sub>4</sub>   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 | Soil | Water                               | Oil | Air | Total Number of Containers | BTEX + MTBE 8260                    | 8027A                               | TPH 8015 MOD                        | GRO                                 | TPH 8015 MOD DRO                    | Silica Gel Cleanup                  | 8260 full scan           | Oxygenates               | Lead 7420                | 7421                     |                          |
|-----------------------|----------------|----------------|-------------------------------------|-----------|------|-------------------------------------|-----|-----|----------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| QA                    | 5/22/02        | —              |                                     |           |      | <input checked="" type="checkbox"/> |     |     | 2                          | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| EA-1                  | ↓              | 0810           | <input checked="" type="checkbox"/> |           |      | <input checked="" type="checkbox"/> |     |     | 3                          | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| MW-2                  | ↓              | 0650           | <input checked="" type="checkbox"/> |           |      | <input checked="" type="checkbox"/> |     |     | 3                          | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| MW-3                  | ↓              | 0850           | <input checked="" type="checkbox"/> |           |      | <input checked="" type="checkbox"/> |     |     | 3                          | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

**Comments / Remarks**

**turnaround Time Requested (TAT) (please circle)**  
 2 TAT  72 hour    48 hour  
 1 hour    4 day    5 day

**Package Options (please circle if required)**  
 Summary    Type I — Full  
 Raw Data     Coelt Deliverable not needed  
 (RWQCB)

|   |   |                    |                                  |                                 |                      |
|---|---|--------------------|----------------------------------|---------------------------------|----------------------|
| Relinquished by: <u>[Signature]</u>                 | Date: <u>5/22/02</u>  | Time: <u>12:00</u> | Received by: <u>Andres Amaya</u> | Date: <u>5-22-02</u>            | Time: <u>12:00</u>   |
| Relinquished by: <u>Andres Amaya</u>                | Date: <u>5/22/02</u>  | Time: <u>1500</u>  | Received by: <u>Airborne</u>     | Date: <u>5/22/02</u>            | Time: _____          |
| Relinquished by: _____                              | Date: _____   | Time: _____        | Received by: _____               | Date: _____                     | Time: _____          |
| Relinquished by Commercial Carrier: <u>Airborne</u> | UPS   | FedEx              | Other: <u>Airborne</u>           | Received by: <u>[Signature]</u> | Date: <u>5/23/02</u> |
| Temperature Upon Receipt: <u>2-3</u> °C             | Custody Seals Intact? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |                    |                                  |                                 |                      |



## 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

RECEIVED

MAY 23 2002

GETTLER-RYAN INC.  
GENERAL CONTRACTORS

## SAMPLE GROUP

The sample group for this submittal is 808615. Samples arrived at the laboratory on Thursday, May 23, 2002. The PO# for this group is 99011184 and the release number is STREICH.

### Client Description

|               |      |       |
|---------------|------|-------|
| QA-T-020522   | NA   | Water |
| EA-1-W-020522 | Grab | Water |
| MW-2-W-020522 | Grab | Water |
| MW-3-W-020522 | Grab | Water |

### Lancaster Labs Number

|         |
|---------|
| 3824808 |
| 3824809 |
| 3824810 |
| 3824811 |

## METHODOLOGY

The specific methodologies used in obtaining the enclosed analytical results are indicated on the laboratory chronicles.

1 COPY TO

Delta C/O Gettler-Ryan

Attn: Deanna L. Harding

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

Respectfully Submitted,

*Steven A. Skiles*  
Steven A. Skiles  
Sr. Chemist



Lancaster Laboratories Sample No. WW 3824808

Collected: 05/22/2002 00:00

Account Number: 10905

Submitted: 05/23/2002 09:00  
 Reported: 05/28/2002 at 20:27  
 Discard: 06/28/2002

ChevronTexaco  
 6001 Bollinger Canyon Rd L4310  
 San Ramon CA 94583

QA-T-020522 NA Water  
 Facility# 92582 Job# 386878 GRD  
 7240 Dublin Blvd T0600100355 QA

| CAT No.   | Analysis Name           | CAS Number | As Received Result | As Received Method<br>Detection Limit | Units | Dilution Factor |
|---|-------------------------|------------|--------------------|---------------------------------------|-------|-----------------|
| 01729   | TPH-GRO - Waters        |            |                    |                                       |       |                 |
| 01730   | 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.<br>A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level. |                         |            |                    |                                       |       |                 |
| 08214   | BTEX, MTBE (8021)       |            |                    |                                       |       |                 |
| 00776   | Benzene                 | 71-43-2    | N.D.               | 0.50                                  | ug/l  | 1               |
| 00777   | Toluene                 | 108-88-3   | N.D.               | 0.50                                  | ug/l  | 1               |
| 00778   | Ethylbenzene            | 100-41-4   | N.D.               | 0.50                                  | ug/l  | 1               |
| 00779   | Total Xylenes           | 1330-20-7  | N.D.               | 1.5                                   | ug/l  | 1               |
| 00780   | Methyl tert-Butyl Ether | 1634-04-4  | N.D.               | 2.5                                   | ug/l  | 1               |
| A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.  |                         |            |                    |                                       |       |                 |

State of California Lab Certification No. 2116

### Laboratory Chronicle

| CAT No. | Analysis Name     | Method                     | Analysis |                  | Analyst        | Dilution Factor |
|---------|-------------------|----------------------------|----------|------------------|----------------|-----------------|
|         |                   |                            | Trial#   | Date and Time    |                |                 |
| 01729   | TPH-GRO - Waters  | N. CA LUFT Gasoline Method | 1        | 05/24/2002 09:01 | Melissa D Mann | 1               |
| 08214   | BTEX, MTBE (8021) | SW-846 8021B               | 1        | 05/24/2002 09:01 | Melissa D Mann | 1               |
| 01146   | GC VOA Water Prep | SW-846 5030B               | 1        | 05/24/2002 09:01 | Melissa D Mann | n.a.            |



Lancaster Laboratories Sample No. WW 3824809

Collected: 05/22/2002 08:10 by GR

Account Number: 10905

Submitted: 05/23/2002 09:00  
 Reported: 05/28/2002 at 20:27  
 Discard: 06/28/2002

ChevronTexaco  
 6001 Bollinger Canyon Rd L4310  
 San Ramon CA 94583

EA-1-W-020522                      Grab                      Water  
 Facility# 92582                      Job# 386878                      GRD  
 7240 Dublin Blvd                      T0600100355                      EA-1

| CAT No.   | Analysis Name           | CAS Number | As Received Result | As Received Method Detection Limit | Units | Dilution Factor |
|---|-------------------------|------------|--------------------|------------------------------------|-------|-----------------|
| 01729   | TPH-GRO - Waters        |            |                    |                                    |       |                 |
| 01730   | TPH-GRO - Waters        | n.a.       | 110.               | 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.<br>A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level. |                         |            |                    |                                    |       |                 |
| 08214   | BTEX, MTBE (8021)       |            |                    |                                    |       |                 |
| 00776   | Benzene                 | 71-43-2    | N.D. #             | 1.0                                | ug/l  | 1               |
| 00777   | Toluene                 | 108-88-3   | N.D.               | 0.50                               | ug/l  | 1               |
| 00778   | Ethylbenzene            | 100-41-4   | 1.0                | 0.50                               | ug/l  | 1               |
| 00779   | Total Xylenes           | 1330-20-7  | N.D.               | 1.5                                | ug/l  | 1               |
| 00780   | Methyl tert-Butyl Ether | 1634-04-4  | N.D.               | 2.5                                | ug/l  | 1               |
| A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.  |                         |            |                    |                                    |       |                 |

Due to the presence of an interferent near its retention time, the normal reporting limit was not attained for benzene. The presence or concentration of this compound cannot be determined due to the presence of this interferent.

State of California Lab Certification No. 2116

### Laboratory Chronicle

| CAT No. | Analysis Name     | Method                     | Trial# | Analysis   |       | Analyst                | Dilution Factor |
|---------|-------------------|----------------------------|--------|------------|-------|------------------------|-----------------|
|         |                   |                            |        | Date       | Time  |                        |                 |
| 01729   | TPH-GRO - Waters  | N. CA LUFT Gasoline Method | 1      | 05/24/2002 | 23:56 | Melissa-Ann S McAlpine | 1               |
| 08214   | BTEX, MTBE (8021) | SW-846 8021B               | 1      | 05/24/2002 | 23:56 | Melissa-Ann S McAlpine | 1               |
| 01146   | GC VOA Water Prep | SW-846 5030B               | 1      | 05/24/2002 | 23:56 | Melissa-Ann S McAlpine | n.a.            |



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Lancaster Laboratories Sample No. WW 3824809

Collected: 05/22/2002 08:10 by GR

Account Number: 10905

Submitted: 05/23/2002 09:00

Reported: 05/28/2002 at 20:27

Discard: 06/28/2002

EA-1-W-020522

Grab

Water

Facility# 92582 Job# 386878

GRD

7240 Dublin Blvd

T0600100355 EA-1

ChevronTexaco

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583





Lancaster Laboratories Sample No. **WW 3824810**

Collected: 05/22/2002 06:50 by GR Account Number: 10905

Submitted: 05/23/2002 09:00  
 Reported: 05/28/2002 at 20:27  
 Discard: 06/28/2002

ChevronTexaco  
 6001 Bollinger Canyon Rd L4310  
 San Ramon CA 94583

MW-2-W-020522 Grab Water  
 Facility# 92582 Job# 386878 GRD  
 7240 Dublin Blvd T0600100355 MW-2

| CAT No. | Analysis Name   | CAS Number | As Received Result | As Received Method Detection Limit | Units | Dilution Factor |
|---------|---|------------|--------------------|------------------------------------|-------|-----------------|
| 01729   | TPH-GRO - Waters  |            |                    |                                    |       |                 |
| 01730   | 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. |            |                    |                                    |       |                 |
|         | A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.          |            |                    |                                    |       |                 |
| 08214   | BTEX, MTBE (8021)   |            |                    |                                    |       |                 |
| 00776   | Benzene   | 71-43-2    | N.D.               | 0.50                               | ug/l  | 1               |
| 00777   | Toluene   | 108-88-3   | N.D.               | 0.50                               | ug/l  | 1               |
| 00778   | Ethylbenzene  | 100-41-4   | N.D.               | 0.50                               | ug/l  | 1               |
| 00779   | Total Xylenes   | 1330-20-7  | N.D.               | 1.5                                | ug/l  | 1               |
| 00780   | Methyl tert-Butyl Ether   | 1634-04-4  | 180.               | 2.5                                | ug/l  | 1               |
|         | A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.          |            |                    |                                    |       |                 |

State of California Lab Certification No. 2116

### Laboratory Chronicle

| CAT No. | Analysis Name     | Method                     | Analysis |                  | Analyst        | Dilution Factor |
|---------|-------------------|----------------------------|----------|------------------|----------------|-----------------|
|         |                   |                            | Trial#   | Date and Time    |                |                 |
| 01729   | TPH-GRO - Waters  | N. CA LUFT Gasoline Method | 1        | 05/24/2002 11:30 | Melissa D Mann | 1               |
| 08214   | BTEX, MTBE (8021) | SW-846 8021B               | 1        | 05/24/2002 11:30 | Melissa D Mann | 1               |
| 01146   | GC VOA Water Prep | SW-846 5030B               | 1        | 05/24/2002 11:30 | Melissa D Mann | n.a.            |

\*-Laboratory Method Detection Limits exceeded target detection limit



Lancaster Laboratories Sample No. **WW 3824811**

Collected: 05/22/2002 08:50 by GR

Account Number: 10905

Submitted: 05/23/2002 09:00  
 Reported: 05/28/2002 at 20:27  
 Discard: 06/28/2002

ChevronTexaco  
 6001 Bollinger Canyon Rd L4310  
 San Ramon CA 94583

MW-3-W-020522                      Grab                      Water  
 Facility# 92582                      Job# 386878                      GRD  
 7240 Dublin Blvd                      T0600100355                      MW-3

| CAT No.   | Analysis Name           | CAS Number | As Received Result | As Received Method Detection Limit | Units | Dilution Factor |
|---|-------------------------|------------|--------------------|------------------------------------|-------|-----------------|
| 01729   | TPH-GRO - Waters        |            |                    |                                    |       |                 |
| 01730   | TPH-GRO - Waters        | n.a.       | 110,000.           | 25,000.                            | ug/l  | 500             |
| 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.<br>A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level. |                         |            |                    |                                    |       |                 |
| 08214   | BTEX, MTBE (8021)       |            |                    |                                    |       |                 |
| 00776   | Benzene                 | 71-43-2    | 4,000.             | 100.                               | ug/l  | 500             |
| 00777   | Toluene                 | 108-88-3   | 3,200.             | 100.                               | ug/l  | 500             |
| 00778   | Ethylbenzene            | 100-41-4   | 2,800.             | 100.                               | ug/l  | 500             |
| 00779   | Total Xylenes           | 1330-20-7  | 18,000.            | 300.                               | ug/l  | 500             |
| 00780   | Methyl tert-Butyl Ether | 1634-04-4  | 140,000.           | 150.                               | ug/l  | 500             |
| A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.  |                         |            |                    |                                    |       |                 |

State of California Lab Certification No. 2116

### Laboratory Chronicle

| CAT No. | Analysis Name     | Method                     | Analysis |                  | Analyst                | Dilution Factor |
|---------|-------------------|----------------------------|----------|------------------|------------------------|-----------------|
|         |                   |                            | Trial#   | Date and Time    |                        |                 |
| 01729   | TPH-GRO - Waters  | N. CA LUFT Gasoline Method | 1        | 05/25/2002 02:48 | Melissa-Ann S McAlpine | 500             |
| 08214   | BTEX, MTBE (8021) | SW-846 8021B               | 1        | 05/25/2002 02:48 | Melissa-Ann S McAlpine | 500             |
| 01146   | GC VOA Water Prep | SW-846 5030B               | 1        | 05/25/2002 02:48 | Melissa-Ann S McAlpine | n.a.            |

#-Laboratory Method Detection Limit is based on target detection limit



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## Quality Control Summary

Client Name: ChevronTexaco  
 Reported: 05/28/02 at 08:27 PM

Group Number: 808615

### Laboratory Compliance Quality Control

| Analysis Name           | Blank Result                      | Blank MDL | Report Units | LCS %REC | LCSD %REC | LCS/LCSD Limits | RPD | RPD Max |
|-------------------------|-----------------------------------|-----------|--------------|----------|-----------|-----------------|-----|---------|
| Batch number: 02144A53A | Sample number(s): 3824808,3824810 |           |              |          |           |                 |     |         |
| Benzene                 | N.D.                              | 0.5       | ug/l         | 98       | 103       | 80-118          | 5   | 30      |
| Toluene                 | N.D.                              | 0.5       | ug/l         | 100      | 101       | 82-119          | 1   | 30      |
| Ethylbenzene            | N.D.                              | 0.5       | ug/l         | 104      | 102       | 81-119          | 2   | 30      |
| Total Xylenes           | N.D.                              | 1.5       | ug/l         | 103      | 104       | 82-120          | 1   | 30      |
| Methyl tert-Butyl Ether | N.D.                              | 2.5       | ug/l         | 106      | 112       | 79-127          | 6   | 30      |
| TPH-GRO - Waters        | N.D.                              | 50.       | ug/l         | 99       | 96        | 76-126          | 3   | 30      |
| Batch number: 02144A53B | Sample number(s): 3824809,3824811 |           |              |          |           |                 |     |         |
| Benzene                 | N.D.                              | 0.5       | ug/l         | 98       | 103       | 80-118          | 5   | 30      |
| Toluene                 | N.D.                              | 0.5       | ug/l         | 100      | 101       | 82-119          | 1   | 30      |
| Ethylbenzene            | N.D.                              | 0.5       | ug/l         | 104      | 102       | 81-119          | 2   | 30      |
| Total Xylenes           | N.D.                              | 1.5       | ug/l         | 103      | 104       | 82-120          | 1   | 30      |
| Methyl tert-Butyl Ether | N.D.                              | 2.5       | ug/l         | 106      | 112       | 79-127          | 6   | 30      |
| TPH-GRO - Waters        | N.D.                              | 50.       | ug/l         | 99       | 96        | 76-126          | 3   | 30      |

### Sample Matrix Quality Control

| Analysis Name           | MS %REC                           | MSD %REC | MS/MSD Limits | RPD | BKG | DUP  | DUP | Dup RPD |
|-------------------------|-----------------------------------|----------|---------------|-----|-----|------|-----|---------|
|                         | %REC                              | %REC     | Limits        | RPD | MAX | Conc | RPD | Max     |
| Batch number: 02144A53A | Sample number(s): 3824808,3824810 |          |               |     |     |      |     |         |
| Benzene                 | 120                               |          | 77-131        |     |     |      |     |         |
| Toluene                 | 114                               |          | 80-128        |     |     |      |     |         |
| Ethylbenzene            | 118                               |          | 76-132        |     |     |      |     |         |
| Total Xylenes           | 117                               |          | 76-132        |     |     |      |     |         |
| Methyl tert-Butyl Ether | (2)                               |          | 61-144        |     |     |      |     |         |
| TPH-GRO - Waters        | 99                                |          | 74-132        |     |     |      |     |         |
| Batch number: 02144A53B | Sample number(s): 3824809,3824811 |          |               |     |     |      |     |         |
| Benzene                 | 120                               |          | 77-131        |     |     |      |     |         |
| Toluene                 | 114                               |          | 80-128        |     |     |      |     |         |
| Ethylbenzene            | 118                               |          | 76-132        |     |     |      |     |         |
| Total Xylenes           | 117                               |          | 76-132        |     |     |      |     |         |
| Methyl tert-Butyl Ether | (2)                               |          | 61-144        |     |     |      |     |         |
| TPH-GRO - Waters        | 99                                |          | 74-132        |     |     |      |     |         |

### Surrogate Quality Control

Analysis Name: TPH-GRO - Waters  
 Batch number: 02144A53A

|         | Trifluorotoluene-F | Trifluorotoluene-P |
|---------|--------------------|--------------------|
| 3824808 | 102                | 97                 |
| 3824810 | 101                | 100                |
| Blank   | 101                | 98                 |
| LCS     | 108                | 100                |
| LCSD    | 107                | 98                 |
| MS      | 111                | 104                |
| Limits: | 67-135             | 71-130             |

Analysis Name: TPH-GRO - Waters

\*- 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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### Quality Control Summary

Page 2 of 2

Client Name: ChevronTexaco  
Reported: 05/28/02 at 08:27 PM

Group Number: 808615

### Surrogate Quality Control

Batch number: 02144A53B

|         | Trifluorotoluene-F | Trifluorotoluene-P |
|---------|--------------------|--------------------|
| 3824809 | 116                | 100                |
| 3824811 | 102                | 97                 |
| Blank   | 106                | 96                 |
| LCS     | 108                | 100                |
| LCSD    | 107                | 98                 |
| MS      | 111                | 104                |
| Limits: | 67-135             | 71-130             |

\*- 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.