



GETTLER-RYAN INC.

TRANSMITTAL

October 19, 2001

G-R #385242

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

CC: Mr. Thomas Bauhs
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
#9-0917
5280 Hopyard Road
Pleasanton, California**

WE HAVE ENCLOSED THE FOLLOWING:

| COPIES | DATED | DESCRIPTION |
|--------|------------------|--|
| 1 | October 16, 2001 | Groundwater Monitoring and Sampling Report Third Quarter - Event of September 7, 2001 |

COMMENTS:

Please provide any comments/changes and propose any groundwater monitoring modifications for the next event prior to **October 31, 2001**, at which time the final report will be distributed to the following:

cc: **Mr. Scott Seery, Alameda County Health Care Services, Dept. of Environmental Health, 1131 Harbor Bay Parkway, Suite 250, Alameda, CA 94502-6577**
Mr. Greg Gurss, Gettler-Ryan Inc., 3140 Gold Camp Drive, Suite 170, Rancho Cordova, CA 95670
Mr. Eddie So, RWQCB - San Francisco Bay Region, 1515 Clay Street, Suite 1400, Oakland, CA 94612
Mr. Dan Christopoulos, Christopoulos Properties, 43 Panoramic Way, Walnut Creek, CA 94595-1605
Lamorinda Development and Investment, 89 Davis Road, Suite 260, Orinda, CA 94563
Ms. Shannon Duchow, Motel 6 Operating L.P., 14651 Dallas Parkway, Suite 418, Dallas, TX 75240

Enclosures

trans/9-0917-TB



GETTLER-RYAN INC.

October 16, 2001
G-R Job #385242

Mr. Thomas Bauhs
Chevron Products Company
P.O. Box 6004
San Ramon, CA 94583

RE: Third Quarter Event of September 7, 2001
Groundwater Monitoring & Sampling Report
Chevron Service Station #9-0917
5280 Hopyard Road
Pleasanton, California

Dear Mr. Bauhs:

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,

- FOR -

Deanna L. Harding
Project Coordinator

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

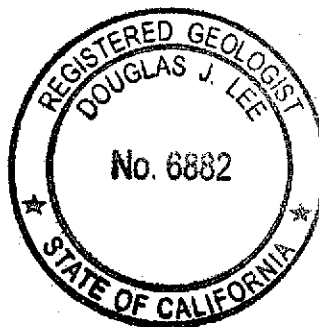
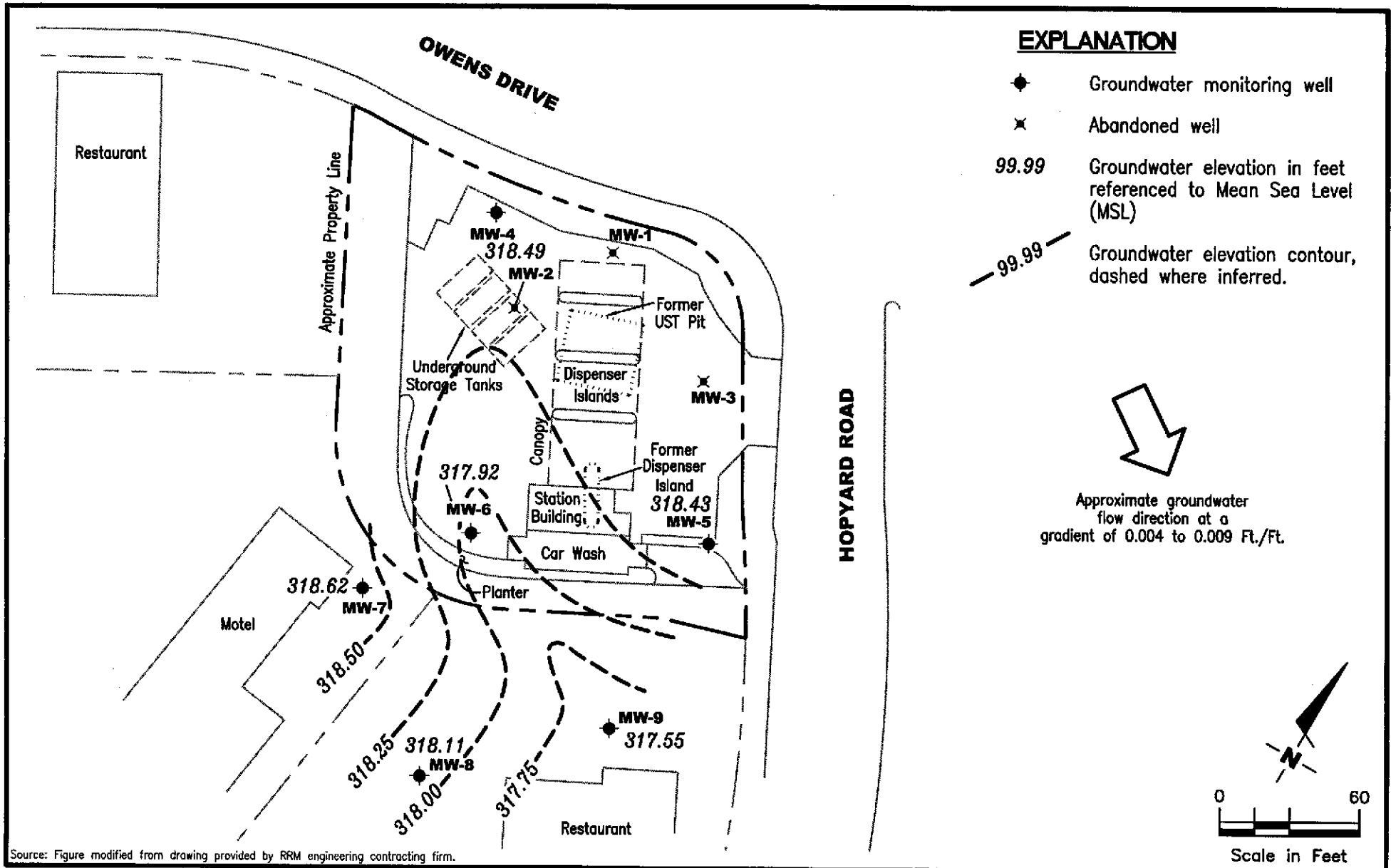


Figure 1: Potentiometric Map
Table 1: Groundwater Monitoring Data and Analytical Results
Table 2: Groundwater Analytical Results - Oxygenate Compounds
Table 3: Dissolved Oxygen Concentrations
Attachments: Standard Operating Procedure - Groundwater Sampling
Field Data Sheets
Chain of Custody Document 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 #9-0917
 5280 Hopyard Road
 Pleasanton, California

FIGURE

1

PROJECT NUMBER
 385242

REVIEWED BY

DATE
 September 7, 2001

REVISED DATE

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-0917
5280 Hopyard Road
Pleasanton, California

| WELL ID/ DATE | TOC (ft.) | GWE (msl) | DTW (ft.) | TPH-G (ppb) | B (ppb) | T (ppb) | E (ppb) | X (ppb) | MTBE (ppb) |
|------------------|--------------|--------------|--------------|----------------|------------|------------|------------|------------|---------------|
| MW-1 | | | | | | | | | |
| 07/12/89 | 326.48 | -- | -- | 100 | <0.5 | <0.5 | 6.0 | <0.5 | -- |
| 08/02/89 | 326.48 | 318.38 | 8.10 | -- | -- | -- | -- | -- | -- |
| 10/24/89 | 326.48 | 318.97 | 7.51 | <50 | 1.0 | <0.5 | 13 | <0.5 | -- |
| 03/12/90 | 326.48 | 318.07 | 8.41 | 140 | 0.8 | <0.5 | 1.0 | <0.5 | -- |
| 03/26/90 | 326.48 | 318.34 | 8.14 | -- | -- | -- | -- | -- | -- |
| 06/22/90 | 326.48 | 318.17 | 8.31 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 09/11/90 | 326.48 | 318.35 | 8.14 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 04/18/91 | 326.48 | 318.34 | 8.02 | 77 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| ABANDONED | | | | | | | | | |
| MW-2 | | | | | | | | | |
| 07/17/89 | 327.53 | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 08/02/89 | 327.53 | 318.48 | 9.05 | -- | -- | -- | -- | -- | -- |
| 10/24/89 | 327.53 | 318.29 | 9.24 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 03/12/90 | 327.53 | 317.46 | 10.07 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 03/26/90 | 327.53 | 317.48 | 10.05 | -- | -- | -- | -- | -- | -- |
| 06/22/90 | 327.53 | 317.48 | 10.05 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 09/11/90 | 327.53 | 317.85 | 9.68 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 04/18/91 | 327.53 | 318.30 | 9.23 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| ABANDONED | | | | | | | | | |
| MW-3 | | | | | | | | | |
| 07/17/89 | 326.47 | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 08/02/89 | 326.47 | 318.32 | 8.15 | -- | -- | -- | -- | -- | -- |
| 10/24/89 | 326.47 | 318.88 | 7.59 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 03/12/90 | 326.47 | 318.00 | 8.47 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 03/26/90 | 326.47 | 317.64 | 8.83 | -- | -- | -- | -- | -- | -- |

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-0917
5280 Hopyard Road
Pleasanton, California

| WELL ID/ DATE | TOC (ft.) | GWE (msl) | DTW (ft.) | TPH-G (ppb) | B (ppb) | T (ppb) | E (ppb) | X (ppb) | MTBE (ppb) |
|--------------------|--------------|--------------|--------------|----------------|------------|------------|------------|------------|---------------|
| MW-3 (cont) | | | | | | | | | |
| 06/22/90 | 326.47 | 317.64 | 8.83 | <50 | 0.4 | <0.5 | 0.8 | <0.5 | -- |
| 09/11/90 | 326.47 | 318.06 | 8.41 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 04/18/91 | 326.47 | 318.49 | 7.98 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| ABANDONED | | | | | | | | | |
| MW-4 | | | | | | | | | |
| 09/16/91 | 327.28 | 317.69 | 9.59 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 01/22/92 | 327.28 | 317.79 | 9.49 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 03/26/92 | 327.28 | 318.39 | 8.89 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 06/05/92 | 327.28 | 318.06 | 9.22 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 09/23/92 | 327.28 | 317.93 | 9.35 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 12/30/92 | 327.28 | 319.00 | 8.28 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 03/22/93 | 327.28 | 319.03 | 8.25 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 06/14/93 | 327.28 | 318.12 | 9.16 | -- | -- | -- | -- | -- | -- |
| 07/25/93 | 327.28 | 318.18 | 9.10 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 09/23/93 | 327.28 | 318.58 | 8.70 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 12/28/93 | 327.28 | 317.38 | 9.90 | <50 | <0.5 | <0.5 | <0.5 | 0.5 | -- |
| 03/21/94 | 327.28 | 318.03 | 9.25 | <50 | 1.0 | 2.0 | 0.5 | 1.9 | -- |
| 06/07/94 | 327.28 | 318.23 | 9.05 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 10/07/94 | 327.28 | 318.31 | 8.97 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 12/29/94 | 327.28 | 318.06 | 9.22 | <50 | <0.5 | 1.1 | 0.8 | 2.7 | -- |
| 03/06/95 | 327.28 | 318.26 | 9.02 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 06/14/95 | 327.28 | 318.47 | 8.81 | 170 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 09/14/95 | 327.28 | 318.00 | 9.28 | <50 | 1.0 | <0.5 | 1.6 | <0.5 | -- |
| 12/16/95 | 327.28 | 319.42 | 7.86 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | 150 |
| 03/28/96 | 327.28 | 318.94 | 8.34 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | 53 |
| 06/28/96 | 327.28 | 318.79 | 8.49 | 70 | <0.5 | <0.5 | <0.5 | <0.5 | 92 |
| 09/26/96 | 327.28 | 318.84 | 8.44 | -- | -- | -- | -- | -- | -- |
| 12/30/96 | 327.28 | 319.10 | 8.18 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | 100 |
| 03/13/97 | 327.28 | 318.43 | 8.85 | -- | -- | -- | -- | -- | -- |

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-0917
5280 Hopyard Road
Pleasanton, California

| WELL ID/ DATE | TOC (ft.) | GWE (msl) | DTW (ft.) | TPH-G (ppb) | B (ppb) | T (ppb) | E (ppb) | X (ppb) | MTBE (ppb) |
|--------------------|---------------|---------------|--------------|----------------|-----------------|-----------------|-----------------|----------------|------------------------|
| MW-4 (cont) | | | | | | | | | |
| 06/30/97 | 327.28 | 318.79 | 8.49 | 260 | <0.5 | <0.5 | <0.5 | <0.5 | 330 |
| 09/30/97 | 326.93 | 318.32 | 8.61 | -- | -- | -- | -- | -- | -- |
| 12/31/97 | 326.93 | 318.40 | 8.53 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | 170 |
| 04/02/98 | 326.93 | 317.98 | 8.95 | -- | -- | -- | -- | -- | -- |
| 06/29/98 | 326.93 | 318.21 | 8.72 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | 150 |
| 09/16/98 | 326.93 | 317.59 | 9.34 | -- | -- | -- | -- | -- | -- |
| 12/23/98 | 326.93 | 318.18 | 8.75 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | 210 |
| 03/26/99 | 326.93 | 317.79 | 9.14 | <100 | <1.0 | <1.0 | <1.0 | <1.0 | 303 |
| 06/25/99 | 326.93 | 317.72 | 9.21 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | 228/237 ¹ |
| 09/16/99 | 326.93 | 317.01 | 9.92 | -- | -- | -- | -- | -- | -- |
| 12/15/99 | 326.93 | 318.32 | 8.61 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | 310 |
| 03/07/00 | 326.93 | 318.59 | 8.34 | -- | -- | -- | -- | -- | -- |
| 06/19/00 | 326.93 | 318.84 | 8.09 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | 370 |
| 09/18/00 | 326.93 | 318.21 | 8.72 | <50.0 | <0.500 | <0.500 | <0.500 | <0.500 | 326 |
| 12/01/00 | 326.93 | 318.03 | 8.90 | <50.0 | <0.500 | <0.500 | <0.500 | <0.500 | 478 |
| 03/13/01 | 326.93 | 318.96 | 7.97 | <50.0 | <0.500 | <0.500 | <0.500 | <0.500 | 9.53 |
| 06/01/01 | 326.93 | 318.62 | 8.31 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <2.5/<2.0 ⁷ |
| 09/07/01 | 326.94 | 318.49 | 8.45 | <50 | <0.50 | <0.50 | <0.50 | <1.5 | 400 |
| MW-5 | | | | | | | | | |
| 09/16/91 | 327.82 | 317.76 | 10.06 | 12,000 | 4,000 | 29 | 1,600 | 92 | -- |
| 01/22/92 | 327.82 | 317.24 | 10.58 | 44,000 | 2,000 | 320 | 5,700 | 2,400 | -- |
| 03/26/92 | 327.82 | 318.64 | 9.18 | 39,000 | 3,200 | 210 | 5,700 | 2,400 | -- |
| 06/05/92 | 327.82 | 317.92 | 9.90 | 28,000 | 3,800 | 140 | 4,000 | 2,000 | -- |
| 09/23/92 | 327.82 | 317.85 | 9.97 | 40,000 | 2,000 | 290 | 2,900 | 1,800 | -- |
| 12/30/92 | 327.82 | 319.02 | 8.80 | 44,000 | 9,000 | 190 | 3,100 | 1,600 | -- |
| 03/22/93 | 327.82 | 318.49 | 9.33 | 43,000 | 6,500 | 170 | 2,400 | 2,400 | -- |
| 06/14/93 | 327.82 | 318.04 | 9.78 | -- | -- | -- | -- | -- | -- |
| 07/25/93 | 327.82 | 318.10 | 9.72 | 43,000 | 550 | 45 | 2,700 | 1,100 | -- |
| 09/23/93 | 327.82 | 318.40 | 9.42 | 44,000 | 14,000 | 640 | 3,700 | 1,800 | -- |

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-0917
5280 Hopyard Road
Pleasanton, California

| WELL ID/ DATE | TOC (<i>fl.</i>) | GWE (<i>msl</i>) | DTW (<i>ft.</i>) | TPH-G (<i>ppb</i>) | B (<i>ppb</i>) | T (<i>ppb</i>) | E (<i>ppb</i>) | X (<i>ppb</i>) | MTBE (<i>ppb</i>) |
|-------------------------|-----------------------|-----------------------|-----------------------|-------------------------|---------------------|---------------------|---------------------|---------------------|------------------------|
| MW-5 (cont) | | | | | | | | | |
| 12/28/93 | 327.82 | 318.15 | 9.67 | 56,000 | 12,000 | 590 | 4,100 | 1,600 | -- |
| 03/21/94 | 327.82 | 318.11 | 9.71 | 48,000 | 12,000 | 600 | 4,700 | 1,600 | -- |
| 06/07/94 | 327.82 | 318.10 | 9.72 | 42,000 | 13,000 | 480 | 3,700 | 1,200 | -- |
| 10/07/94 | 327.82 | 318.27 | 9.55 | 15,000 | 1,100 | 41 | 950 | 34 | -- |
| 12/29/94 | 327.82 | 317.90 | 9.92 | 45,000 | 12,000 | 460 | 3,600 | 1,400 | -- |
| 03/06/95 | 327.82 | 318.50 | 9.32 | 40,000 | 9,700 | 210 | 3,500 | 700 | -- |
| 06/14/95 | 327.82 | 318.41 | 9.41 | 42,000 | 8,000 | 170 | 3,700 | 640 | -- |
| 09/14/95 | 327.82 | 317.30 | 10.52 | 26,000 | 4,100 | 85 | 2,000 | 270 | -- |
| 12/16/95 | 327.82 | 319.48 | 8.34 | 35,000 | 7,300 | <0.5 | 2,900 | 420 | <500 |
| 03/28/96 | 327.82 | 318.09 | 9.73 | 30,000 | 5,200 | 160 | 3,500 | 600 | <250 |
| 06/28/96 | 327.82 | 318.37 | 9.45 | 26,000 | 4,300 | 60 | 2,100 | 200 | 680 |
| 09/26/96 | 327.82 | 317.95 | 9.87 | 15,000 | 2,700 | 59 | 1,300 | 140 | 400 |
| 12/30/96 | 327.82 | 318.82 | 9.00 | 34,000 | 4,600 | 120 | 2,800 | 660 | 310 |
| 03/13/97 | 327.82 | 318.33 | 9.49 | 13,000 | 1,900 | 34 | 1,300 | 220 | 76 |
| 06/30/97 | 327.82 | 318.19 | 9.63 | 11,000 | 1,800 | 19 | 84 | 94 | 160 |
| 10/01/97 | 327.82 | 318.08 | 9.74 | 27,000 | 4,700 | 120 | 3,700 | 330 | 310 |
| 12/31/97 | 327.82 | 318.34 | 9.48 | 34,000 | 8,000 | 130 | 3,400 | 3,900 | <500 |
| 04/02/98 | 327.82 | 317.44 | 10.38 | 27,000 | 4,600 | 65 | 3,400 | 270 | 270 |
| 06/29/98 | 327.82 | 317.79 | 10.03 | 16,000 | 3,000 | <50 | 1,800 | 220 | 290 |
| 09/16/98 | 327.82 | 318.84 | 8.98 | 9,700 | 2,700 | 52 | 1,400 | 210 | <250 |
| 12/23/98 | 327.82 | 318.00 | 9.82 | 5,100 | 1,600 | 18 | 570 | 39 | 130 |
| 03/26/99 ² | 327.82 | 318.26 | 9.56 | 25,800 | 4,410 | 58.4 | 2,550 | 57.2 | 137 |
| 06/25/99 | 327.82 | INACCESSIBLE | -- | -- | -- | -- | -- | -- | -- |
| 09/16/99 | 327.82 | 317.51 | 10.31 | 8,850 | 1,310 | 20.3 | 802 | 120 | 155 |
| 12/15/99 | 327.82 | 317.52 | 10.30 | 10,000 | 2,800 | 33 | 1,600 | 160 | 250 |
| 03/07/00 | 327.82 | 318.29 | 9.53 | 18,700 | 3,830 | 95.6 | 1,900 | 305 | 309 |
| 06/19/00 ³ | 327.82 | 318.90 | 8.92 | 1,000 ⁴ | 290 | 3.4 | <1.0 | 14 | 52 |
| 09/18/00 ^{3,6} | 327.82 | 318.18 | 9.64 | 924 ⁵ | 205 | <5.00 | <5.00 | <5.00 | 83.1 |

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-0917
5280 Hopyard Road
Pleasanton, California

| WELL ID/ DATE | TOC (ft.) | GWE (msl) | DTW (ft.) | TPH-G (ppb) | B (ppb) | T (ppb) | E (ppb) | X (ppb) | MTBE (ppb) |
|-----------------------------|---------------|---------------|--------------|------------------|------------|---------------|------------|------------|-----------------------|
| MW-5 (cont) | | | | | | | | | |
| 12/01/00 ³ | 327.82 | 318.05 | 9.77 | <50.0 | 0.878 | <0.500 | <0.500 | <0.500 | <5.00 |
| 03/13/01 ³ | 327.82 | 318.67 | 9.15 | 333 | 55.0 | 0.803 | 21.8 | 1.44 | 2.07 |
| 06/01/01 ³ | 327.82 | 317.71 | 10.11 | 130 ⁴ | 36 | <0.50 | <0.50 | <0.50 | 7.8/<2.0 ⁷ |
| 09/07/01⁸ | 327.82 | 318.43 | 9.39 | 2,600 | 330 | <10 | 200 | 12 | 14 |
| MW-6 | | | | | | | | | |
| 09/16/91 | 328.48 | 317.87 | 10.61 | 6,200 | 1,300 | 3.9 | 550 | 78 | -- |
| 01/22/92 | 328.48 | 318.18 | 10.30 | 18,000 | 2,800 | 48 | 2,000 | 440 | -- |
| 03/26/92 | 328.48 | 318.98 | 9.50 | 21,000 | 3,300 | 17 | 2,100 | 300 | -- |
| 06/05/92 | 328.48 | 318.14 | 10.34 | 14,000 | 2,800 | 9.2 | 1,800 | 270 | -- |
| 09/23/92 | 328.48 | 317.92 | 10.56 | 19,000 | 1,000 | 40 | 1,200 | 230 | -- |
| 12/30/92 | 328.48 | 318.71 | 9.75 | 15,000 | 1,100 | <5.0 | 1,000 | 77 | -- |
| 03/22/93 | 328.48 | 319.21 | 9.27 | 15,000 | 1,300 | 10 | 770 | 220 | -- |
| 06/14/93 | 328.48 | 318.33 | 10.15 | -- | -- | -- | -- | -- | -- |
| 07/25/93 | 328.48 | 318.23 | 10.25 | 6,400 | 630 | <2.5 | 440 | 6.0 | -- |
| 09/23/93 | 328.48 | 318.31 | 10.17 | 9,500 | 1,000 | 23 | 690 | 110 | -- |
| 12/28/93 | 328.48 | 317.96 | 10.52 | 11,000 | 890 | 31 | 730 | 48 | -- |
| 03/21/94 | 328.48 | 318.20 | 10.28 | 5,700 | 380 | 10 | 270 | 22 | -- |
| 06/07/94 | 328.48 | 318.20 | 10.28 | 5,300 | 600 | 4.4 | 370 | 26 | -- |
| 10/07/94 | 328.48 | 318.06 | 10.42 | 2,600 | 270 | <5.0 | 110 | <5.0 | -- |
| 12/29/94 | 328.48 | 318.23 | 10.25 | 4,500 | 560 | 6.2 | 360 | <5.0 | -- |
| 03/06/95 | 328.48 | 319.12 | 9.36 | 4,100 | 480 | 15 | 290 | 20 | -- |
| 06/14/95 | 328.48 | 318.37 | 10.11 | 2,800 | 180 | 6.9 | 110 | 6.6 | -- |
| 09/14/95 | 328.48 | 318.21 | 10.27 | 3,100 | 370 | <0.5 | 250 | <0.5 | -- |
| 12/16/95 | 328.48 | 319.21 | 9.27 | 1,900 | 210 | <0.5 | 76 | <0.5 | <13 |
| 03/28/96 | 328.48 | 319.13 | 9.35 | 1,000 | 120 | <0.5 | 64 | <0.5 | <5.0 |
| 06/28/96 | 328.48 | 318.70 | 9.78 | 950 | 110 | 0.8 | 44 | <0.5 | 22 |
| 09/26/96 | 328.48 | 319.02 | 9.46 | 1,100 | 120 | 1.6 | 48 | <0.5 | 17 |
| 12/30/96 | 328.48 | 319.45 | 9.03 | 3,200 | 260 | 2.3 | 120 | <0.5 | 23 |
| 03/13/97 | 328.48 | 318.76 | 9.72 | 2,000 | 250 | <0.5 | 110 | <0.5 | <5.0 |

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-0917
5280 Hopyard Road
Pleasanton, California

| WELL ID/ DATE | TOC (ft.) | GWE (msl) | DTW (ft.) | TPH-G (ppb) | B (ppb) | T (ppb) | E (ppb) | X (ppb) | MTBE (ppb) |
|-----------------------------|---------------|---------------|--------------|-------------------|------------|-----------------|------------|------------|------------------------|
| MW-6 (cont) | | | | | | | | | |
| 06/30/97 | 328.48 | 318.81 | 9.67 | 470 | <0.5 | 1.2 | <0.5 | <0.5 | <5.0 |
| 10/01/97 | 327.82 | 318.53 | 9.29 | 1,500 | 120 | 3.4 | 27 | <0.5 | 20 |
| 12/31/97 | 327.82 | 317.61 | 10.21 | 1,500 | 79 | <2.5 | 28 | <2.5 | <12 |
| 04/02/98 | 327.82 | 318.86 | 8.96 | 760 | 48 | 2.3 | 9.9 | <1.0 | 15 |
| 06/29/98 | 327.82 | 318.45 | 9.37 | 340 | 29 | <2.5 | 7.1 | <2.5 | 18 |
| 09/16/98 | 327.82 | 318.60 | 9.22 | 340 | 18 | 1.4 | 5.6 | <1.0 | 18 |
| 12/23/98 | 327.82 | 317.51 | 10.31 | 390 | 5.4 | 1.2 | 0.58 | 1.2 | 15 |
| 03/26/99 ² | 327.82 | 317.91 | 9.91 | 1,310 | 132 | 18.5 | 38.5 | 1.88 | 19.1 |
| 06/25/99 | 327.82 | 317.50 | 10.32 | 856 | 37.4 | 5.2 | 10.7 | <0.5 | <2.0/<5.0 ¹ |
| 09/16/99 | 327.82 | 317.28 | 10.54 | <50 | 1.19 | <0.5 | <0.5 | <0.5 | <5.0 |
| 12/15/99 | 327.82 | 319.33 | 8.49 | 1,400 | 110 | <5.0 | 35 | <5.0 | 37 |
| 03/07/00 | 327.82 | 318.60 | 9.22 | 1,200 | 97.9 | 2.16 | 44.8 | <1.25 | 26 |
| 06/19/00 ³ | 327.82 | 318.42 | 9.40 | 160 ¹ | 1.4 | 0.73 | 5.4 | 2.4 | 7.9 |
| 09/18/00 ^{3,6} | 327.82 | 317.74 | 10.08 | 234 ⁵ | <0.500 | 1.72 | <0.500 | <0.500 | <5.00 |
| 12/01/00 ³ | 327.82 | 317.56 | 10.26 | 79.5 ⁵ | 1.74 | <0.500 | <0.500 | <0.500 | <5.00 |
| 03/13/01 ³ | 327.82 | 318.53 | 9.29 | 180 | <0.500 | <0.500 | <0.500 | <0.500 | <0.500 |
| 06/01/01 ³ | 327.82 | 317.24 | 10.58 | 280 ⁴ | 4.1 | 0.62 | <0.50 | <0.50 | 25/<2.0 ⁷ |
| 09/07/01⁸ | 327.83 | 317.92 | 9.91 | 1,200 | 70 | <0.50 | 42 | 1.9 | <2.5 |
| MW-7 | | | | | | | | | |
| 06/17/97 | 326.37 | 318.32 | 8.05 | ND | ND | ND | ND | ND | ND |
| 09/30/97 | 326.37 | 318.78 | 7.59 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <5.0 |
| 12/31/97 | 326.37 | 318.49 | 7.88 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| 04/02/98 | 326.37 | 319.06 | 7.31 | <50 | 2.6 | <0.5 | <0.5 | <0.5 | <2.5 |
| 06/29/98 | 326.37 | 318.39 | 7.98 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| 09/16/98 | 326.37 | 318.55 | 7.82 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| 12/23/98 | 326.37 | 318.37 | 8.00 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| 03/26/99 | 326.37 | 318.43 | 7.94 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.0 |
| 06/25/99 | 326.37 | 318.65 | 7.72 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.0 |
| 09/16/99 | 326.37 | 317.61 | 8.76 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <5.0 |

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-0917
5280 Hopyard Road
Pleasanton, California

| WELL ID/ DATE | TOC (ft.) | GWE (msl) | DTW (ft.) | TPH-G (ppb) | B (ppb) | T (ppb) | E (ppb) | X (ppb) | MTBE (ppb) |
|-----------------------|---------------|---------------|--------------|----------------|-----------------|-----------------|-----------------|----------------|------------------------|
| MW-7 (cont) | | | | | | | | | |
| 12/15/99 | 326.37 | 318.42 | 7.95 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| 03/07/00 | 326.37 | 319.38 | 6.99 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| 06/19/00 | 326.37 | 318.64 | 7.73 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <2.5 |
| 09/18/00 ⁶ | 326.37 | 318.21 | 8.16 | <50.0 | <0.500 | <0.500 | <0.500 | <0.500 | <5.00 |
| 12/01/00 | 326.37 | 317.06 | 9.31 | <50.0 | <0.500 | <0.500 | <0.500 | <0.500 | <5.00 |
| 03/13/01 | 326.37 | 318.65 | 7.72 | <50.0 | <0.500 | <0.500 | <0.500 | <0.500 | 1.10 |
| 06/01/01 | 326.37 | 318.40 | 7.97 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <2.5/<2.0 ⁷ |
| 09/07/01 | 326.38 | 318.62 | 7.76 | <50 | <0.50 | <0.50 | <0.50 | <1.5 | <2.5 |
| MW-8 | | | | | | | | | |
| 06/17/97 | 325.89 | 318.15 | 7.74 | ND | ND | ND | ND | ND | ND |
| 09/30/97 | 325.89 | 318.16 | 7.73 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <5.0 |
| 12/31/97 | 325.89 | 318.27 | 7.62 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| 04/02/98 | 325.89 | 318.48 | 7.41 | <50 | <0.5 | 1.3 | 0.67 | 3.5 | <2.5 |
| 06/29/98 | 325.89 | 317.98 | 7.91 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| 09/16/98 | 325.89 | 318.42 | 7.47 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| 12/23/98 | 325.89 | 318.28 | 7.61 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| 03/26/99 | 325.89 | 316.81 | 9.08 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | 5.01 |
| 06/25/99 | 325.89 | 315.94 | 9.95 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.0 |
| 09/16/99 | 325.89 | 316.00 | 9.89 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <5.0 |
| 12/15/99 | 325.89 | 317.14 | 8.75 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| 03/07/00 | 325.89 | 317.11 | 8.78 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| 06/19/00 | 325.89 | 318.34 | 7.55 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <2.5 |
| 09/18/00 | 325.89 | 317.64 | 8.25 | <50.0 | <0.500 | <0.500 | <0.500 | <0.500 | <5.00 |
| 12/01/00 | 325.89 | 317.45 | 8.44 | <50.0 | <0.500 | <0.500 | <0.500 | <0.500 | <5.00 |
| 03/13/01 | 325.89 | 318.32 | 7.57 | <50.0 | <0.500 | <0.500 | <0.500 | <0.500 | <0.500 |
| 06/01/01 | 325.89 | 317.97 | 7.92 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <2.5/<2.0 ⁷ |
| 09/07/01 | 325.89 | 318.11 | 7.78 | <50 | <0.50 | <0.50 | <0.50 | <1.5 | <2.5 |

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-0917
5280 Hopyard Road
Pleasanton, California

| WELL ID/ DATE | TOC (ft.) | GWE (msl) | DTW (ft.) | TPH-G (ppb) | B (ppb) | T (ppb) | E (ppb) | X (ppb) | MTBE (ppb) |
|---------------------|---------------|---------------|--------------|----------------|-----------------|-----------------|-----------------|----------------|------------------------|
| MW-9 | | | | | | | | | |
| 06/20/97 | 325.73 | 317.88 | 7.85 | ND | ND | ND | ND | ND | ND |
| 10/01/97 | 325.73 | 318.10 | 7.63 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <5.0 |
| 12/31/97 | 325.73 | 318.53 | 7.20 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| 04/02/98 | 325.73 | 318.52 | 7.21 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| 06/29/98 | 325.73 | 315.31 | 10.42 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| 09/16/98 | 325.73 | 315.99 | 9.74 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| 12/23/98 | 325.73 | 317.59 | 8.14 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| 03/26/99 | 325.73 | 317.62 | 8.11 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.0 |
| 06/25/99 | 325.73 | 318.28 | 7.45 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.0 |
| 09/16/99 | 325.73 | 316.87 | 8.86 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <5.0 |
| 12/15/99 | 325.73 | 317.93 | 7.80 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| 03/07/00 | 325.73 | 318.37 | 7.36 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| 06/19/00 | 325.73 | 318.39 | 7.34 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <2.5 |
| 09/18/00 | 325.73 | 317.61 | 8.12 | <50.0 | <0.500 | <0.500 | <0.500 | <0.500 | <5.00 |
| 12/01/00 | 325.73 | 317.46 | 8.27 | <50.0 | <0.500 | <0.500 | <0.500 | <0.500 | <5.00 |
| 03/13/01 | 325.73 | 318.34 | 7.39 | <50.0 | <0.500 | <0.500 | <0.500 | <0.500 | <0.500 |
| 06/01/01 | 325.73 | 317.92 | 7.81 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <2.5/<2.0 ⁷ |
| 09/07/01 | 325.73 | 317.55 | 8.18 | <50 | <0.50 | <0.50 | <0.50 | <1.5 | <2.5 |
| BAILER BLANK | | | | | | | | | |
| 03/22/93 | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 07/25/93 | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 09/23/93 | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 12/28/93 | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 03/21/94 | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-0917
5280 Hopyard Road
Pleasanton, California

| WELL ID/ DATE | TOC (ft.) | GWE (msl) | DTW (ft.) | TPH-G (ppb) | B (ppb) | T (ppb) | E (ppb) | X (ppb) | MTBE (ppb) |
|-------------------|--------------|--------------|--------------|----------------|------------|------------|------------|------------|---------------|
| TRIP BLANK | | | | | | | | | |
| 06/22/90 | -- | -- | -- | <50 | <0.3 | <0.3 | <0.3 | <0.6 | -- |
| 09/16/91 | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 01/22/92 | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 03/26/92 | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 06/05/92 | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 09/23/92 | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 12/30/92 | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 03/22/93 | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 07/25/93 | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 09/23/93 | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 12/28/93 | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 03/21/94 | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 06/07/94 | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 10/07/94 | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 12/29/94 | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 03/06/95 | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 06/14/95 | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 09/14/95 | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 12/16/95 | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| 03/28/96 | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <5.0 |
| 06/28/96 | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <5.0 |
| 09/26/96 | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <5.0 |
| 12/30/96 | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <5.0 |
| 03/13/97 | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <5.0 |
| 06/30/97 | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <5.0 |
| 10/01/97 | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <5.0 |
| 12/31/97 | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| 04/02/98 | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| 06/29/98 | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| 09/16/98 | -- | -- | -- | <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 |

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-0917
5280 Hopyard Road
Pleasanton, California

| WELL ID/ DATE | TOC (ft.) | GWE (msl) | DTW (ft.) | TPH-G (ppb) | B (ppb) | T (ppb) | E (ppb) | X (ppb) | MTBE (ppb) |
|--------------------------|--------------|--------------|--------------|----------------|-----------------|-----------------|-----------------|----------------|----------------|
| TRIP BLANK (cont) | | | | | | | | | |
| 03/26/99 | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.0 |
| 09/16/99 | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <5.0 |
| 12/15/99 | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| 03/07/00 | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| 06/19/00 | -- | -- | -- | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <2.5 |
| 09/18/00 | -- | -- | -- | <50.0 | <0.500 | <0.500 | <0.500 | <0.500 | <5.00 |
| 12/01/00 | -- | -- | -- | <50.0 | <0.500 | <0.500 | <0.500 | <0.500 | <5.00 |
| 03/13/01 | -- | -- | -- | <50.0 | <0.500 | 1.61 | <0.500 | 0.593 | <0.500 |
| 06/01/01 | -- | -- | -- | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <2.5 |
| 09/07/01 | -- | -- | -- | <50 | <0.50 | <0.50 | <0.50 | <1.5 | <2.5 |

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-0917
5280 Hopyard Road
Pleasanton, California

EXPLANATIONS:

Groundwater monitoring data and laboratory analytical results prior to June 19, 2000, were compiled by reports prepared by Blaine Tech Services, Inc.

| | | |
|--------------------------------------|------------------------------------|--------------------------------|
| TOC = Top of Casing | B = Benzene | -- = Not Measured/Not Analyzed |
| (ft.) = Feet | T = Toluene | |
| GWE = Groundwater Elevation | E = Ethylbenzene | |
| (msl) = Mean sea level | X = Xylenes | |
| DTW = Depth to Water | MTBE = Methyl tertiary butyl ether | |
| TPH-G = Total Petroleum Hydrocarbons | (ppb) = Parts per billion | |

- 1 Confirmation run.
- 2 ORC installed.
- 3 ORC present in well.
- 4 Laboratory report indicates gasoline C6-C12.
- 5 Laboratory report indicates unidentified hydrocarbons C6-C12.
- 6 Laboratory report indicates insufficient preservative to reduce sample pH to less than 2. Sample was analyzed within 14 days, but beyond the seventh day recommended for Benzene, Toluene, Xylenes, and Ethylbenzene.
- 7 MTBE by EPA Method 8260.
- 8 Removed ORC from well.

Table 2
Groundwater Analytical Results - Oxygenate Compounds
Chevron Service Station #9-0917
5280 Hopyard Road
Pleasanton, California

| WELL ID | DATE | TBA (ppb) | MTBE (ppb) | DIPE (ppb) | ETBE (ppb) | TAME (ppb) | 1,2-DCA (ppb) | EDB (ppb) |
|---------|----------|--------------|---------------|---------------|---------------|---------------|------------------|--------------|
| MW-4 | 06/01/01 | <20 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| MW-5 | 06/01/01 | <20 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| MW-6 | 06/01/01 | <20 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| MW-7 | 06/01/01 | <20 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| MW-8 | 06/01/01 | <20 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| MW-9 | 06/01/01 | <20 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |

EXPLANATIONS:

TBA = Tertiary butyl alcohol
MTBE = Methyl tertiary butyl ether
DIPE = Di-isopropyl ether
ETBE = Ethyl tertiary butyl ether
TAME = Tertiary amyl methyl ether
1,2-DCA = 1,2-Dichloroethane
EDB = Ethylene dibromide
(ppb) = Parts per billion

ANALYTICAL METHOD:

EPA Method 8260 for Oxygenate Compounds

Table 3
Dissolved Oxygen Concentrations
Chevron Service Station #9-0917
5280 Hopyard Road
Pleasanton, California

| WELL ID | DATE | Before Purging (mg/L) | After Purging (mg/L) |
|---------|----------|--------------------------|-------------------------|
| MW-4 | 09/07/01 | 1.96 | -- |
| MW-5 | 06/19/00 | 9.65 | -- |
| | 09/18/00 | 3.59 | -- |
| | 12/01/00 | 3.76 | -- |
| | 03/13/01 | 3.59 | -- |
| | 06/01/01 | 3.36 | -- |
| | 09/07/01 | 4.02 | -- |
| MW-6 | 06/19/00 | 5.88 | -- |
| | 09/18/00 | 4.81 | -- |
| | 12/01/00 | 4.27 | -- |
| | 03/13/01 | 4.12 | -- |
| | 06/01/01 | 3.84 | -- |
| | 09/07/01 | 4.26 | -- |
| MW-7 | 09/07/01 | 2.04 | -- |
| MW-8 | 09/07/01 | 2.17 | -- |
| MW-9 | 09/07/01 | 1.72 | -- |

EXPLANATIONS:

(mg/L) = Milligrams per liter

-- = Not Measured

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**

Client/ Facility # Chevron 9-0917 Job #: 385242
 Address: 5280 Hopyard Rd. Date: 9.7.01
 City: Pleasanton, CA Sampler: FRANK T.

Well ID MW-4 Well Condition: OK
 Well Diameter 2 in. Hydrocarbon Thickness: 0 (feet) Amount Bailed (product/water): 0 (Gallons)
 Total Depth 24.48 ft. Volume Factor (VF) 2" = 0.17 3" = 0.38 4" = 0.66
 Depth to Water 8.45 ft. 6" = 1.50 12" = 5.80

16.03 x VF .17 = 2.72 X 3 (case volume) = Estimated Purge Volume: 8.17 (gal.)

Purge Equipment: (Disposable Bailer)
 Bailer
 Stack
 Suction
 Grundfos
 Other: _____
 Sampling Equipment: (Disposable Bailer)
 Bailer
 Pressure Bailer
 Grab Sample
 Other: _____

Starting Time: 10:47 Weather Conditions: SUNNY
 Sampling Time: 11:09 Water Color: CLEAR Odor: NO
 Purging Flow Rate: N/A gpm. Sediment Description: _____
 Did well de-water? NO If yes; Time: _____ Volume: _____ (gal.)

| Time | Volume (gal.) | pH | Conductivity $\mu\text{mhos/cm} \times 100$ | Temperature $^{\circ}\text{F}$ | D.O. (mg/L) | ORP (mV) | Alkalinity (ppm) |
|--------------|---------------|-------------|---|--------------------------------|------------------|----------|------------------|
| <u>10:52</u> | <u>2.5</u> | <u>7.28</u> | <u>1310</u> | <u>68.6</u> | <u>PRE: 1.96</u> | | |
| <u>10:57</u> | <u>5.0</u> | <u>7.33</u> | <u>1357</u> | <u>67.7</u> | | | |
| <u>11:03</u> | <u>8.0</u> | <u>7.35</u> | <u>1343</u> | <u>67.9</u> | | | |
| | | | | | | | |
| | | | | | | | |

LABORATORY INFORMATION

| SAMPLE ID | (#) - CONTAINER | REFRIG. | PRESERV. TYPE | LABORATORY | ANALYSES |
|-------------|-------------------|----------|---------------|-------------|--------------------------|
| <u>MW-4</u> | <u>3x VOAVIAL</u> | <u>Y</u> | <u>HCL</u> | <u>LAN.</u> | <u>TPH(GI)/btex/mtbe</u> |
| | | | | | |
| | | | | | |

COMMENTS: _____

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/ Facility # Chevron 9-0917
 Address: 5280 Hopyard Rd.
 City: Pleasanton, CA

Job#: 385242
 Date: 9.7.01
 Sampler: FRANK T.

Well ID MW-5
 Well Diameter 2 in.
 Total Depth 23.62 ft.
 Depth to Water 9.39 ft.

Well Condition: ok'

| Hydrocarbon Thickness: | Amount Bailed (Gallons) | | |
|------------------------|-------------------------|------------------|-----------|
| | (feet) | (product/water): | |
| <u>0</u> | | <u>0</u> | |
| Volume | 2" = 0.17 | 3" = 0.38 | 4" = 0.66 |
| Factor (VF) | 6" = 1.50 | 12" = 5.80 | |

14.23 X VF .17 = 2.4 X 3 (case volume) = Estimated Purge Volume: 7.25 (gal.)

Purge Equipment: (Disposable Bailer)
 Bailer
 Stack
 Suction
 Grundfos
 Other: _____

Sampling Equipment: (Disposable Bailer)
 Bailer
 Pressure Bailer
 Grab Sample
 Other: _____

Starting Time: 11:58
 Sampling Time: 12:20
 Purging Flow Rate: N/A gpm.
 Did well de-water? NO

Weather Conditions: SUNNY
 Water Color: CLOUDY/LT-TAN Odor: SLIGHT
 Sediment Description: SLIGHTLY SILTY
 If yes; Time: _____ Volume: _____ (gal.)

| Time | Volume (gal.) | pH | Conductivity μ mhos/cm $\times 100$ | Temperature $^{\circ}$ F | D.O. (mg/L) | ORP (mV) | Alkalinity (ppm) |
|--------------|---------------|-------------|---|--------------------------|-----------------|----------|------------------|
| <u>12:05</u> | <u>2.5</u> | <u>7.57</u> | <u>1801</u> | <u>75.4</u> | <u>mg: 4.02</u> | | |
| <u>12:09</u> | <u>5.0</u> | <u>7.50</u> | <u>1356</u> | <u>72.1</u> | | | |
| <u>12:13</u> | <u>7.0</u> | <u>7.41</u> | <u>1067</u> | <u>70.8</u> | | | |
| | | | | | | | |
| | | | | | | | |

LABORATORY INFORMATION

| SAMPLE ID | (#) - CONTAINER | REFRIG. | PRESERV. TYPE | LABORATORY | ANALYSES |
|--------------|-------------------|----------|---------------|-------------|-------------------------|
| <u>MW- 5</u> | <u>3x VOAVIAL</u> | <u>Y</u> | <u>HCL</u> | <u>LAN.</u> | <u>TPHIGI/btex/mtbe</u> |
| | | | | | |
| | | | | | |

COMMENTS: NEW 2" CAP & LOCK
REMOVED ORC FROM WELL.

**WELL MONITORING/SAMPLING
FIELD DATA SHEET**

Client/ Facility # Chevron 9-0917
 Address: 5280 Hopyard Rd.
 City: Pleasanton, CA

Job#: 385242
 Date: 9.7.01
 Sampler: FRANK T.

Well ID MW-6
 Well Diameter 2 in.
 Total Depth 24.95 ft.
 Depth to Water 9.91 ft.

Well Condition: OK
 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 | |

15.04 x VF .17 = 2.55 x 3 (case volume) = Estimated Purge Volume: 7.67 (gal.)

Purge Equipment: (Disposable Bailer)
 Bailer
 Stack
 Suction
 Grundfos
 Other: _____

Sampling Equipment: (Disposable Bailer)
 Bailer
 Pressure Bailer
 Grab Sample
 Other: _____

Starting Time: 11:20
 Sampling Time: 11:42
 Purging Flow Rate: NA gpm.
 Did well de-water? NO

Weather Conditions: SUNNY
 Water Color: CLEAR Odor: NO
 Sediment Description: _____
 If yes; Time: _____ Volume: _____ (gal.)

| Time | Volume (gal.) | pH | Conductivity μ mhos/cm $\times 100$ | Temperature $^{\circ}$ F | D.O. (mg/L) | ORP (mV) | Alkalinity (ppm) |
|--------------|---------------|-------------|---|--------------------------|------------------|----------|------------------|
| <u>11:25</u> | <u>2.5</u> | <u>7.43</u> | <u>1826</u> | <u>72.5</u> | <u>PR2: 4.26</u> | | |
| <u>11:30</u> | <u>5.0</u> | <u>7.25</u> | <u>1397</u> | <u>71.4</u> | | | |
| <u>11:35</u> | <u>7.5</u> | <u>7.16</u> | <u>1304</u> | <u>70.2</u> | | | |
| | | | | | | | |
| | | | | | | | |

LABORATORY INFORMATION

| SAMPLE ID | (#) - CONTAINER | REFRIG. | PRESERV. TYPE | LABORATORY | ANALYSES |
|-------------|-------------------|----------|---------------|-------------|-------------------------|
| <u>MW-6</u> | <u>3x VOAVIAL</u> | <u>Y</u> | <u>HCL</u> | <u>LAP.</u> | <u>TPHIGI/btex/mtbe</u> |
| | | | | | |
| | | | | | |

COMMENTS: NEW 2" CAP & LOCK
REMOVED ORC FROM WELL

**WELL MONITORING/SAMPLING
FIELD DATA SHEET**

Client/ Facility # Chevron 9-0917 Job#: 385242
 Address: 5280 Hopyard Rd. Date: 9.7.01
 City: Pleasanton, CA Sampler: FRANK T.

Well ID MW-7 Well Condition: OK
 Well Diameter 2 in. Hydrocarbon Thickness: 0 (feet) Amount Bailed (Gallons)
 Total Depth 19.77 ft. Volume 2" = 0.17 3" = 0.38 4" = 0.66
 Depth to Water 7.74 ft. Factor (VF) 6" = 1.50 12" = 5.80

12.01 x VF .17 = 2.04 x 3 (case volume) = Estimated Purge Volume: 6.12 (gal.)

Purge Equipment: (Disposable Bailer) Bailer Stack Suction Grundfos Other: _____
 Sampling Equipment: (Disposable Bailer) Bailer Pressure Bailer Grab Sample Other: _____

Starting Time: 10:17 Weather Conditions: SUNNY
 Sampling Time: 10:35 Water Color: CLOUDY/TAN Odor: NO
 Purging Flow Rate: N/A gpm. Sediment Description: SLIGHTLY SILTY
 Did well de-water? NO If yes; Time: _____ Volume: _____ (gal.)

| Time | Volume (gal.) | pH | Conductivity $\mu\text{mhos/cm} \times 100$ | Temperature °F | D.O. (mg/L) | ORP (mV) | Alkalinity (ppm) |
|--------------|---------------|-------------|---|----------------|------------------|----------|------------------|
| <u>10:21</u> | <u>2.0</u> | <u>7.34</u> | <u>1003</u> | <u>77.5</u> | <u>PRE: 2.04</u> | | |
| <u>10:25</u> | <u>4.0</u> | <u>7.13</u> | <u>815</u> | <u>75.1</u> | | | |
| <u>10:29</u> | <u>6.0</u> | <u>7.06</u> | <u>775</u> | <u>75.3</u> | | | |
| | | | | | | | |

LABORATORY INFORMATION

| SAMPLE ID | (#) - CONTAINER | REFRIG. | PRESERV. TYPE | LABORATORY | ANALYSES |
|-------------|-------------------|----------|---------------|-------------|-------------------------|
| <u>MW-7</u> | <u>3x VOAVIAL</u> | <u>Y</u> | <u>HCL</u> | <u>LAJ.</u> | <u>TPHIGI/btex/mtbe</u> |
| | | | | | |
| | | | | | |

COMMENTS: _____

**WELL MONITORING/SAMPLING
FIELD DATA SHEET**

Client/ Facility # Chevron 9-0917
 Address: 5280 Hopyard Rd.
 City: Pleasanton, CA

Job#: 385242
 Date: 9.7.01
 Sampler: FRANK T.

Well ID MW-8
 Well Diameter 2 in.
 Total Depth 20.06 ft.
 Depth to Water 7.78 ft.

Well Condition: o'k'
 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 | |

12.28 x VF .17 = 2.08 x 3 (case volume) = Estimated Purge Volume: 6.26 (gal.)

Purge Equipment: (Disposable Bailer)
 Bailer
 Stack
 Suction
 Grundfos
 Other: _____

Sampling Equipment: (Disposable Bailer)
 Bailer
 Pressure Bailer
 Grab Sample
 Other: _____

Starting Time: 9:52
 Sampling Time: 10:09
 Purging Flow Rate: N/A gpm.
 Did well de-water? NO

Weather Conditions: SUNNY
 Water Color: CLEAR Odor: NO
 Sediment Description: _____
 If yes; Time: _____ Volume: _____ (gal.)

| Time | Volume (gal.) | pH | Conductivity $\mu\text{mhos/cm} \times 100$ | Temperature $^{\circ}\text{F}$ | D.O. (mg/L) | ORP (mV) | Alkalinity (ppm) |
|--------------|---------------|-------------|---|--------------------------------|-----------------|----------|------------------|
| <u>9:56</u> | <u>2.0</u> | <u>7.57</u> | <u>1162</u> | <u>76.1</u> | <u>PH: 2.17</u> | | |
| <u>9:59</u> | <u>4.0</u> | <u>7.46</u> | <u>1224</u> | <u>75.5</u> | | | |
| <u>10:03</u> | <u>6.0</u> | <u>7.37</u> | <u>1249</u> | <u>74.8</u> | | | |
| | | | | | | | |
| | | | | | | | |

LABORATORY INFORMATION

| SAMPLE ID | (#) - CONTAINER | REFRIG. | PRESERV. TYPE | LABORATORY | ANALYSES |
|-------------|-------------------|----------|---------------|-------------|--------------------------|
| <u>MW-8</u> | <u>3x VOAVIAL</u> | <u>Y</u> | <u>HCL</u> | <u>LAN.</u> | <u>TPH(GI)/btex/mtbe</u> |
| | | | | | |
| | | | | | |

COMMENTS: _____

**WELL MONITORING/SAMPLING
FIELD DATA SHEET**

Client/ Facility # Chevron 9-0917
 Address: 5280 Hopyard Rd.
 City: Pleasanton, CA

Job#: 385242
 Date: 9.7.01
 Sampler: FRANK T.

Well ID MW-9 Well Condition: OK
 Well Diameter 2 in. Hydrocarbon Thickness: 0 (feet) Amount Bailed (Gallons)
 Total Depth 19.71 ft. Volume 2" = 0.17 3" = 0.38 4" = 0.66
 Depth to Water 8.18 ft. Factor (VF) 6" = 1.50 12" = 5.80

11.53 x VF .17 = 1.96 x 3 (case volume) = Estimated Purge Volume: 5.88 (gal.)

Purge Equipment: (Disposable Bailer)
 Bailer
 Stack
 Suction
 Grundfos
 Other: _____

Sampling Equipment: (Disposable Bailer)
 Bailer
 Pressure Bailer
 Grab Sample
 Other: _____

Starting Time: 9:15
 Sampling Time: 9:36
 Purging Flow Rate: N/A gpm.
 Did well de-water? NO

Weather Conditions: SUNNY
 Water Color: CLOUDY/LT. TAN Odor: NO
 Sediment Description: LITE SILT
 If yes; Time: _____ Volume: _____ (gal.)

| Time | Volume (gal.) | pH | Conductivity $\mu\text{mhos/cm} \times 100$ | Temperature $^{\circ}\text{F}$ | D.O. (mg/L) | ORP (mV) | Alkalinity (ppm) |
|-------------|---------------|-------------|---|--------------------------------|-------------|----------|------------------|
| <u>9:19</u> | <u>2.0</u> | <u>7.22</u> | <u>570</u> | <u>71.3</u> | <u>1.72</u> | | |
| <u>9:23</u> | <u>4.0</u> | <u>7.19</u> | <u>561</u> | <u>71.6</u> | | | |
| <u>9:27</u> | <u>6.0</u> | <u>7.14</u> | <u>582</u> | <u>71.2</u> | | | |
| | | | | | | | |
| | | | | | | | |

LABORATORY INFORMATION

| SAMPLE ID | (#) - CONTAINER | REFRIG. | PRESERV. TYPE | LABORATORY | ANALYSES |
|-------------|-------------------|----------|---------------|-------------|------------------------|
| <u>MW-9</u> | <u>3x VOAVIAL</u> | <u>Y</u> | <u>HCL</u> | <u>LAN.</u> | <u>TPHIG/btex/mtbe</u> |
| | | | | | |
| | | | | | |

COMMENTS: _____

Chevron California Region Analysis Request/Chain of Custody



070901-004

For Lancaster Laboratories use only
 Acct. #: 10905 Sample #: 3684187-93 SCR#:

| Facility #: <u>9-0917</u> Job # <u>385242</u> | | Matrix: <table border="1" style="display: inline-table; vertical-align: top;"> <tr> <td>Potable</td> <td>Water</td> <td>Oil</td> <td>Air</td> </tr> <tr> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td>NPDES</td> <td></td> <td></td> <td></td> </tr> <tr> <td><input type="checkbox"/></td> <td></td> <td></td> <td></td> </tr> </table> | | Potable | Water | Oil | Air | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | NPDES | | | | <input type="checkbox"/> | | | | Analyses Requested | | | | | | | | | | Preservative Codes H = HCl T = Thiosulfate N = HNO ₃ B = NaOH S = H ₂ SO ₄ O = Other | |
|--|--------------------------|--|--------------------------|---|-----------|------|-------|--------------------------|--------------------------|----------------------------|--------------------------|------------------|------------------|---|------------|--------------------------|------|--------------------|--|---------------------------|--|--|--|--|--|--|--|--|--|--|--|
| Potable | Water | Oil | Air | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NPDES | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Site Address: <u>5280 HOPYARD ROAD, PLEASANTON, CA</u> | | | | Preservation Codes | | | | | | | | | | <input type="checkbox"/> J value reporting needed <input type="checkbox"/> Must meet lowest detection limits possible for 8260 compounds 8021 MTBE Confirmation <input type="checkbox"/> Confirm highest hit by 8260 <input type="checkbox"/> Confirm all hits by 8260 <input type="checkbox"/> Run ___ oxy s on highest hit <input type="checkbox"/> Run ___ oxy s on all hits | | | | | | | | | | | | | | | | | |
| Chevron PM: <u>Tom Baubs</u> Lead Consultant: <u>Delta/G-R</u> | | | | Total Number of Containers | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Consultant/Office: <u>G-R, Inc., 6747 Sierra Court, Dublin, Ca 94568</u> | | | | BTEX + MTBE 8260 <input type="checkbox"/> 8021 <input checked="" type="checkbox"/> TPH 8015 MOD GRO <input type="checkbox"/> Silica Gel Cleanup <input type="checkbox"/> TPH 8015 MOD DRO <input type="checkbox"/> 8260 full scan <input type="checkbox"/> Oxygenates <input type="checkbox"/> Lead 7420 <input type="checkbox"/> 7421 <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Consultant Prj. Mgr.: <u>Deanna L. Harding</u> (<u>Deanna@grinc.com</u>) | | | | Grab Composite | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Consultant Phone #: <u>925-551-7555</u> Fax #: <u>925-551-7899</u> | | | | Soil <input type="checkbox"/> Water <input type="checkbox"/> Oil <input type="checkbox"/> Air <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sampler: <u>FRANK TERMINONI</u> | | | | Date Collected | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Service Order #: _____ <input type="checkbox"/> Non SAR: _____ | | | | Time Collected | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sample Identification | | Date Collected | Time Collected | Grab | Composite | Soil | Water | Oil | Air | Total Number of Containers | BTEX + MTBE 8260 | TPH 8015 MOD GRO | TPH 8015 MOD DRO | 8260 full scan | Oxygenates | Lead 7420 | 7421 | Comments / Remarks | | | | | | | | | | | | | |
| TBLB | | 9-7-01 | | | | | W | | | 2 | X | X | | | | | | | | | | | | | | | | | | | |
| MW-4 | | ↓ | 1109 | X | | | | | | 3 | X | X | | | | | | | | | | | | | | | | | | | |
| MW-5 | | ↓ | 1220 | X | | | | | | 3 | X | X | | | | | | | | | | | | | | | | | | | |
| MW-6 | | ↓ | 1142 | X | | | | | | 3 | X | X | | | | | | | | | | | | | | | | | | | |
| MW-7 | | ↓ | 1035 | X | | | | | | 3 | X | X | | | | | | | | | | | | | | | | | | | |
| MW-8 | | ↓ | 1009 | X | | | | | | 3 | X | X | | | | | | | | | | | | | | | | | | | |
| MW-9 | | ↓ | 936 | X | | | | | | 3 | X | X | | | | | | | | | | | | | | | | | | | |

Turnaround Time Requested (TAT) (please circle)

STD. TAT 24 hour 72 hour 48 hour
 4 day 5 day

Data Package Options (please circle if required)

QC Summary Type I — Full
 Type VI (Raw Data) Coelt Deliverable not needed
 WIP (RWQCB)
 Disk

| | | | | | |
|--|---|--------------------|---------------------------------|----------------------|--------------------|
| Relinquished by: <u>Frank Terminoni</u> | Date: <u>9-7-01</u> | Time: <u>1315</u> | Received by: <u>[Signature]</u> | Date: <u>9/7/01</u> | Time: <u>14:20</u> |
| Relinquished by: <u>[Signature]</u> | Date: <u>9/7/01</u> | Time: <u>15:50</u> | Received by: <u>[Signature]</u> | Date: <u>9/7/01</u> | Time: <u>15:50</u> |
| Relinquished by: <u>[Signature]</u> | Date: <u>9/10/01</u> | Time: <u>1000</u> | Received by: <u>[Signature]</u> | Date: <u>9/10/01</u> | Time: _____ |
| Relinquished by Commercial Carrier: <u>FedEx</u> | Temperature Upon Receipt: <u>5.2</u> °C | | Received by: <u>[Signature]</u> | Date: <u>9/10/01</u> | Time: <u>09:15</u> |
| Custody Seals Intact? <u>Yes</u> | | | | | |



ANALYTICAL RESULTS

Prepared for:

Chevron Products Company
6001 Bollinger Canyon Road
Building L PO Box 6004
San Ramon 94583-0904
925-842-8582

Prepared by:

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

SAMPLE GROUP

The sample group for this submittal is 777662. Samples arrived at the laboratory on Tuesday, September 11, 2001. The PO# for this group is 99011184 and the release number is BAUHS.

| <u>Client Description</u> | | | <u>Lancaster Labs Number</u> |
|---------------------------|------|-------|------------------------------|
| TBLB | X | Water | 3684187 |
| MW-4 | Grab | Water | 3684188 |
| MW-5 | Grab | Water | 3684189 |
| MW-6 | Grab | Water | 3684190 |
| MW-7 | Grab | Water | 3684191 |
| MW-8 | Grab | Water | 3684192 |
| MW-9 | Grab | Water | 3684193 |

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





Lancaster Laboratories

Where quality is a science.

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

Respectfully Submitted,

Victoria M. Martell
Chemist



Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

CASE NARRATIVE

Prepared For:

Thomas Bauhs
Chevron Products Company
6001 Bollinger Canyon Road
Building L
P.O. Box 6004
San Ramon, CA 94583-0904

Prepared By:

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

SAMPLE GROUP

The sample group for this submittal is 777662. Samples arrived at the laboratory on Tuesday, September 11, 2001.

METHODOLOGY

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

COMMENTS

The sample vials MW-4, MW-6, MW-7, MW-8, and MW-9 from Facility 9-0917 submitted for the BTEX/MTBE method 8021 and TPH-GRO analysis did not have a pH < 2 at the time of analysis. It is not appropriate for the laboratory to adjust the pH at the time of sample receipt, due to the volatile nature of the analytes.

Due to the nature of the sample matrix for sample MW-5 from Facility 9-0917, the surrogate recovery is above the range of the specification for the BTEX/MTBE method 8021 and TPH-GRO analysis.



Lancaster Laboratories Sample No. **WW 3684187**

Collected: n.a.

Account Number: 10905

Submitted: 09/11/2001 09:15
 Reported: 10/01/2001 at 18:23
 Discard: 10/09/2001

Chevron Products Company
 6001 Bollinger Canyon Road
 Building L PO Box 6004
 San Ramon 94583-0904

TBLB X Water

Facility# 9-0917 X
 5280 Hopyard-Pleasanton x TBLB

| CAT No. | Analysis Name | CAS Number | As Received Result | As Received Method Detection Limit | Units | Dilution Factor |
|---------|---|------------|--------------------|------------------------------------|-------|-----------------|
| 01729 | TPH-GRO N. California (waters) | | | | | |
| 01730 | TPH-GRO N. California (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 | N.D. | 2.5 | ug/l | 1 |
| | Site-specific MS/MSD samples were 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 | Trial# | Analysis Date and Time | Analyst | Dilution Factor |
|---------|--------------------------------|--------------------------------|--------|------------------------|---------------|-----------------|
| 01729 | TPH-GRO N. California (waters) | N. CALIF. LUFT Gasoline Method | 1 | 09/15/2001 16:14 | John B. Kiser | 1 |
| 08214 | BTEX, MTBE (8021) | SW-846 8021B | 1 | 09/15/2001 16:14 | John B. Kiser | 1 |
| 01146 | GC VOA Water Prep | SW-846 5030B | 1 | 09/15/2001 16:14 | John B. Kiser | n.a. |



Lancaster Laboratories, Inc.
 2425 New Holland Pike
 PO Box 12425
 Lancaster, PA 17605-2425
 717-656-2300 Fax: 717-656-2681



Lancaster Laboratories Sample No. **WW 3684188**

Collected: 09/07/2001 11:09 by FT

Account Number: 10905

Submitted: 09/11/2001 09:15
 Reported: 10/01/2001 at 18:23
 Discard: 10/09/2001
 MW-4

Chevron Products Company
 6001 Bollinger Canyon Road
 Building L PO Box 6004
 San Ramon 94583-0904

Grab Water

Facility# 9-0917 x
 5280 Hopyard-Pleasanton x MW-4

| CAT No. | Analysis Name | CAS Number | As Received Result | As Received Method Detection Limit | Units | Dilution Factor |
|---|--------------------------------|------------|--------------------|------------------------------------|-------|-----------------|
| 01729 | TPH-GRO N. California (waters) | | | | | |
| 01730 | TPH-GRO N. California (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 | 400. | 2.5 | ug/l | 5 |
| 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 | Trial# | Analysis Date and Time | Analyst | Dilution Factor |
|---------|--------------------------------|--------------------------------|--------|------------------------|---------------|-----------------|
| 01729 | TPH-GRO N. California (waters) | N. CALIF. LUFT Gasoline Method | 1 | 09/14/2001 17:24 | John B. Kiser | 1 |
| 08214 | BTEX, MTBE (8021) | SW-846 8021B | 1 | 09/14/2001 15:15 | John B. Kiser | 5 |
| 08214 | BTEX, MTBE (8021) | SW-846 8021B | 1 | 09/14/2001 17:24 | John B. Kiser | 1 |
| 01146 | GC VOA Water Prep | SW-846 5030B | 1 | 09/14/2001 15:15 | John B. Kiser | n.a. |





Lancaster Laboratories Sample No. **WW 3684189**

Collected: 09/07/2001 12:20 by FT

Account Number: 10905

Submitted: 09/11/2001 09:15

Reported: 10/01/2001 at 18:23

Discard: 10/09/2001

Chevron Products Company
6001 Bollinger Canyon Road
Building L PO Box 6004
San Ramon 94583-0904

MW-5 Grab Water

Facility# 9-0917 X
5280 Hopyard-Pleasanton x MW-5

| CAT No. | Analysis Name | CAS Number | As Received Result | As Received Method Detection Limit | Units | Dilution Factor |
|---|--------------------------------|------------|--------------------|------------------------------------|-------|-----------------|
| 01729 | TPH-GRO N. California (waters) | | | | | |
| 01730 | TPH-GRO N. California (waters) | n.a. | 2,600. | 50. | ug/l | 1 |
| <p>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.</p> <p>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.</p> <p>Due to the nature of the sample matrix, the surrogate standard recovery is above the range of specifications.</p> | | | | | | |
| 08214 | BTEX, MTBE (8021) | | | | | |
| 00776 | Benzene | 71-43-2 | 330. | 0.50 | ug/l | 1 |
| 00777 | Toluene | 108-88-3 | N.D. # | 10. | ug/l | 1 |
| 00778 | Ethylbenzene | 100-41-4 | 200. | 0.50 | ug/l | 1 |
| 00779 | Total Xylenes | 1330-20-7 | 12. | 1.5 | ug/l | 1 |
| 00780 | Methyl tert-Butyl Ether | 1634-04-4 | 14. | 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 nature of the sample matrix, the surrogate standard recovery is above the range of specifications.

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

State of California Lab Certification No. 2116



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Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681



Lancaster Laboratories Sample No. WW 3684189

Collected: 09/07/2001 12:20 by FT

Account Number: 10905

Submitted: 09/11/2001 09:15
Reported: 10/01/2001 at 18:23
Discard: 10/09/2001

Chevron Products Company
6001 Bollinger Canyon Road
Building L PO Box 6004
San Ramon 94583-0904

MW-5 Grab Water

Facility# 9-0917 x
5280 Hopyard-Pleasanton x MW-5

Laboratory Chronicle

| CAT No. | Analysis Name | Method | Analysis | | Analyst | Dilution Factor |
|---------|--------------------------------|--------------------------------|----------|------------------|-----------------|-----------------|
| | | | Trial# | Date and Time | | |
| 01729 | TPH-GRO N. California (waters) | N. CALIF. LUFT Gasoline Method | 1 | 09/13/2001 19:56 | Larry K. Gordon | 1 |
| 08214 | BTEX, MTBE (8021) | SW-846 8021B | 1 | 09/13/2001 19:56 | Larry K. Gordon | 1 |
| 01146 | GC VOA Water Prep | SW-846 5030B | 1 | 09/13/2001 19:56 | Larry K. Gordon | n.a. |





Lancaster Laboratories Sample No. WW 3684190

Collected: 09/07/2001 11:42 by FT

Account Number: 10905

Submitted: 09/11/2001 09:15
 Reported: 10/01/2001 at 18:24
 Discard: 10/09/2001

Chevron Products Company
 6001 Bollinger Canyon Road
 Building L PO Box 6004
 San Ramon 94583-0904

MW-6 Grab Water

Facility# 9-0917 X
 5280 Hopyard-Pleasanton x MW-6

| CAT No. | Analysis Name | CAS Number | As Received Result | As Received Method Detection Limit | Units | Dilution Factor |
|---|--------------------------------|------------|--------------------|------------------------------------|-------|-----------------|
| 01729 | TPH-GRO N. California (waters) | | | | | |
| 01730 | TPH-GRO N. California (waters) | n.a. | 1,200. | 250. | ug/l | 5 |
| 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 | 70. | 0.50 | ug/l | 1 |
| 00777 | Toluene | 108-88-3 | N.D. | 0.50 | ug/l | 1 |
| 00778 | Ethylbenzene | 100-41-4 | 42. | 0.50 | ug/l | 1 |
| 00779 | Total Xylenes | 1330-20-7 | 1.9 J | 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 N. California (waters) | N. CALIF. LUFT Gasoline Method | 1 | 09/13/2001 22:10 | Larry K. Gordon | 5 |
| 08214 | BTEX, MTBE (8021) | SW-846 8021B | 1 | 09/13/2001 22:42 | Larry K. Gordon | 1 |
| 01146 | GC VOA Water Prep | SW-846 5030B | 1 | 09/13/2001 22:10 | Larry K. Gordon | n.a. |



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Lancaster Laboratories Sample No. WW 3684191

Collected: 09/07/2001 10:35 by FT

Account Number: 10905

Submitted: 09/11/2001 09:15

Reported: 10/01/2001 at 18:24

Discard: 10/09/2001

Chevron Products Company
6001 Bollinger Canyon Road
Building L PO Box 6004
San Ramon 94583-0904

MW-7 Grab Water

Facility# 9-0917 x
5280 Hopyard-Pleasanton x MW-7

| CAT No. | Analysis Name | CAS Number | AS Received Result | As Received Method Detection Limit | Units | Dilution Factor |
|---|--------------------------------|------------|--------------------|------------------------------------|-------|-----------------|
| 01729 | TPH-GRO N. California (waters) | | | | | |
| 01730 | TPH-GRO N. California (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 | 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 | Trial# | Analysis Date and Time | Analyst | Dilution Factor |
|---------|--------------------------------|--------------------------------|--------|------------------------|-----------------|-----------------|
| 01729 | TPH-GRO N. California (waters) | N. CALIF. LUFT Gasoline Method | 1 | 09/13/2001 20:28 | Larry K. Gordon | 1 |
| 08214 | BTEX, MTBE (8021) | SW-846 8021B | 1 | 09/13/2001 20:28 | Larry K. Gordon | 1 |
| 01146 | GC VOA Water Prep | SW-846 5030B | 1 | 09/13/2001 20:28 | Larry K. Gordon | n.a. |

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Lancaster Laboratories Sample No. **WW 3684192**

Collected: 09/07/2001 10:09 by FT

Account Number: 10905

Submitted: 09/11/2001 09:15
 Reported: 10/01/2001 at 18:24
 Discard: 10/09/2001

Chevron Products Company
 6001 Bollinger Canyon Road
 Building L PO Box 6004
 San Ramon 94583-0904

MW-8 Grab Water

Facility# 9-0917 X
 5280 Hopyard-Pleasanton x MW-8

| CAT No. | Analysis Name | CAS Number | As Received Result | As Received Method Detection Limit | Units | Dilution Factor |
|---------|---|------------|--------------------|------------------------------------|-------|-----------------|
| 01729 | TPH-GRO N. California (waters) | | | | | |
| 01730 | TPH-GRO N. California (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 | N.D. | 2.5 | ug/l | 1 |
| | Site-specific MS/MSD samples were 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 N. California (waters) | N. CALIF. LUFT Gasoline Method | 1 | 09/15/2001 17:19 | John B. Kiser | 1 |
| 08214 | BTEX, MTBE (8021) | SW-846 8021B | 1 | 09/15/2001 17:19 | John B. Kiser | 1 |
| 01146 | GC VOA Water Prep | SW-846 5030B | 1 | 09/15/2001 17:19 | John B. Kiser | n.a. |



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Lancaster Laboratories Sample No. **WW 3684193**

Collected: 09/07/2001 09:36 by FT

Account Number: 10905

Submitted: 09/11/2001 09:15
 Reported: 10/01/2001 at 18:24
 Discard: 10/09/2001

Chevron Products Company
 6001 Bollinger Canyon Road
 Building L PO Box 6004
 San Ramon 94583-0904

MW-9 Grab Water

Facility# 9-0917 x
 5280 Hopyard-Pleasanton x MW-9

| CAT No. | Analysis Name | CAS Number | As Received Result | As Received Method Detection Limit | Units | Dilution Factor |
|---|--------------------------------|------------|--------------------|------------------------------------|-------|-----------------|
| 01729 | TPH-GRO N. California (waters) | | | | | |
| 01730 | TPH-GRO N. California (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 | N.D. | 2.5 | ug/l | 1 |
| Site-specific MS/MSD samples were 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 N. California (waters) | N. CALIF. LUFT Gasoline Method | 1 | 09/15/2001 17:51 | John B. Kiser | 1 |
| 08214 | BTEX, MTBE (8021) | SW-846 8021B | 1 | 09/15/2001 17:51 | John B. Kiser | 1 |
| 01146 | GC VOA Water Prep | SW-846 5030B | 1 | 09/15/2001 17:51 | John B. Kiser | n.a. |



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Quality Control Summary

Client Name: Chevron Products Company
 Reported: 10/01/01 at 06:24 PM

Group Number: 777662

Laboratory Compliance Quality Control

| Analysis Name | Blank Result | Blank MDL | Report Units | LCS %REC | LCSD %REC | LCS/LCSD Limits | RPD | RPD Max |
|---|--------------|-----------|--------------|----------|-----------|-----------------|-----|---------|
| Batch number: 01255A16 Sample number(s): 3684188-3684191 | | | | | | | | |
| Benzene | N.D. | 0.5 | ug/L | 115 | 117 | 80-118 | 2 | 30 |
| Toluene | N.D. | 0.5 | ug/L | 112 | 113 | 82-119 | 1 | 30 |
| Ethylbenzene | N.D. | 0.5 | ug/L | 109 | 110 | 81-119 | 1 | 30 |
| Total Xylenes | N.D. | 1.5 | ug/L | 111 | 112 | 82-120 | 1 | 30 |
| Methyl tert-Butyl Ether | N.D. | 2.5 | ug/L | 109 | 107 | 79-127 | 2 | 30 |
| TPH-GRO N. California (waters) | N.D. | 50. | ug/L | 104 | 98 | 76-119 | 6 | 20 |
| Batch number: 01256A16 Sample number(s): 3684187,3684192-3684193 | | | | | | | | |
| Benzene | N.D. | 0.5 | ug/L | 115 | 117 | 80-118 | 1 | 30 |
| Toluene | N.D. | 0.5 | ug/L | 109 | 111 | 82-119 | 2 | 30 |
| Ethylbenzene | N.D. | 0.5 | ug/L | 102 | 105 | 81-119 | 3 | 30 |
| Total Xylenes | N.D. | 1.5 | ug/L | 104 | 107 | 82-120 | 3 | 30 |
| Methyl tert-Butyl Ether | N.D. | 2.5 | ug/L | 97 | 99 | 79-127 | 3 | 30 |
| TPH-GRO N. California (waters) | N.D. | 50. | ug/L | 95 | 100 | 76-119 | 5 | 20 |

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 | Conc | RPD |
| Batch number: 01255A16 Sample number(s): 3684188-3684191 | | | | | | | | |
| Benzene | 122 | 66-140 | | | | | | |
| Toluene | 118 | 72-138 | | | | | | |
| Ethylbenzene | 110 | 71-138 | | | | | | |
| Total Xylenes | 113 | 69-140 | | | | | | |
| Methyl tert-Butyl Ether | 113 | 60-145 | | | | | | |
| TPH-GRO N. California (waters) | 104 | 74-132 | | | | | | |
| Batch number: 01256A16 Sample number(s): 3684187,3684192-3684193 | | | | | | | | |
| TPH-GRO N. California (waters) | 100 | 74-132 | | | | | | |

Surrogate Quality Control

Analysis Name: TPH-GRO N. California (waters)

Batch number: 01255A16

Trifluorotoluene-F Trifluorotoluene-P

| | | |
|---------|------|------|
| 3684188 | 83 | 112 |
| 3684189 | 193* | 141* |
| 3684190 | 96 | 128 |
| 3684191 | 90 | 113 |
| Blank | 81 | 111 |
| LCS | 119 | 113 |
| LCSD | 125 | 112 |

*- 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

Client Name: Chevron Products Company

Group Number: 777662

Reported: 10/01/01 at 06:24 PM

Surrogate Quality Control

MS 120 112

Limits: 65-137 72-134

Analysis Name: TPH-GRO N. California (waters)

Batch number: 01256A16

Trifluorotoluene-F

Trifluorotoluene-P

3684187 83 112

3684192 77 111

3684193 82 114

Blank 87 113

LCS 123 112

LCSD 117 111

MS 127

Limits: 65-137 72-134

*- 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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