

Environmental Management
Company
6001 Bollinger Canyon Rd, L4050
P.O. Box 6012
San Ramon, CA 94583-2324
Tel 925-842-1589
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Karen Streich
Project Manager

PC0274 ✓

October 4, 2004

ChevronTexaco

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

Re: Chevron Service Station # 9-3322

Address: 7225 Bancroft Avenue, Oakland, CA

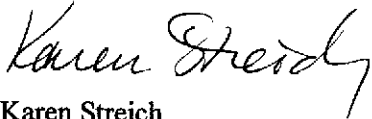
I have reviewed the attached routine groundwater monitoring report dated September 13, 2004.

I agree with the conclusions and recommendations presented in the referenced report. The information in this report is accurate to the best of my knowledge and all local Agency/Regional Board guidelines have been followed. This report was prepared by Gettler-Ryan, Inc., upon whose assistance and advice I have relied.

This letter is submitted pursuant to the requirements of California Water Code Section 13267(b)(1) and the regulating implementation entitled Appendix A pertaining thereto.

I declare under penalty of perjury that the foregoing is true and correct.

Sincerely,



Karen Streich
Project Manager

Enclosure: Report



GETTLER-RYAN INC.

TRANSMITTAL

September 13, 2004

G-R #386433

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

CC: Ms. Karen Streich
ChevronTexaco Company
P.O. Box 6012, Room K2256
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**
#9-3322
7225 Bancroft Avenue
Oakland, California

WE HAVE ENCLOSED THE FOLLOWING:

| COPIES | DATED | DESCRIPTION |
|--------|--------------------|--|
| 1 | September 10, 2004 | Groundwater Monitoring and Sampling Report Third Quarter - Event of August 10, 2004 |

COMMENTS:

This report is being sent for your review. Please provide any comments/changes and propose any groundwater monitoring modifications for the next event prior to *October 1, 2004*, at which time the final report will be distributed to the following:

cc: Mr. Barney Chan, Alameda County Health Care Services, Dept. of Environmental Health, 1131 Harbor Bay
Parkway, Suite 250, Alameda, CA 94502-6577
Mr. Dean Najdawi, (Owner), 7225 Bancroft Avenue, Oakland, CA 94605-2407

Enclosures

trans/9-3322-ks



GETTLER - RYAN INC.

September 10, 2004
G-R Job #386433

Ms. Karen Streich
ChevronTexaco Company
P.O. Box 6012, Room K2256
San Ramon, CA 94583

RE: Third Quarter Event of August 10, 2004
Groundwater Monitoring & Sampling Report
Chevron Service Station #9-3322
7225 Bancroft Avenue
Oakland, 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.

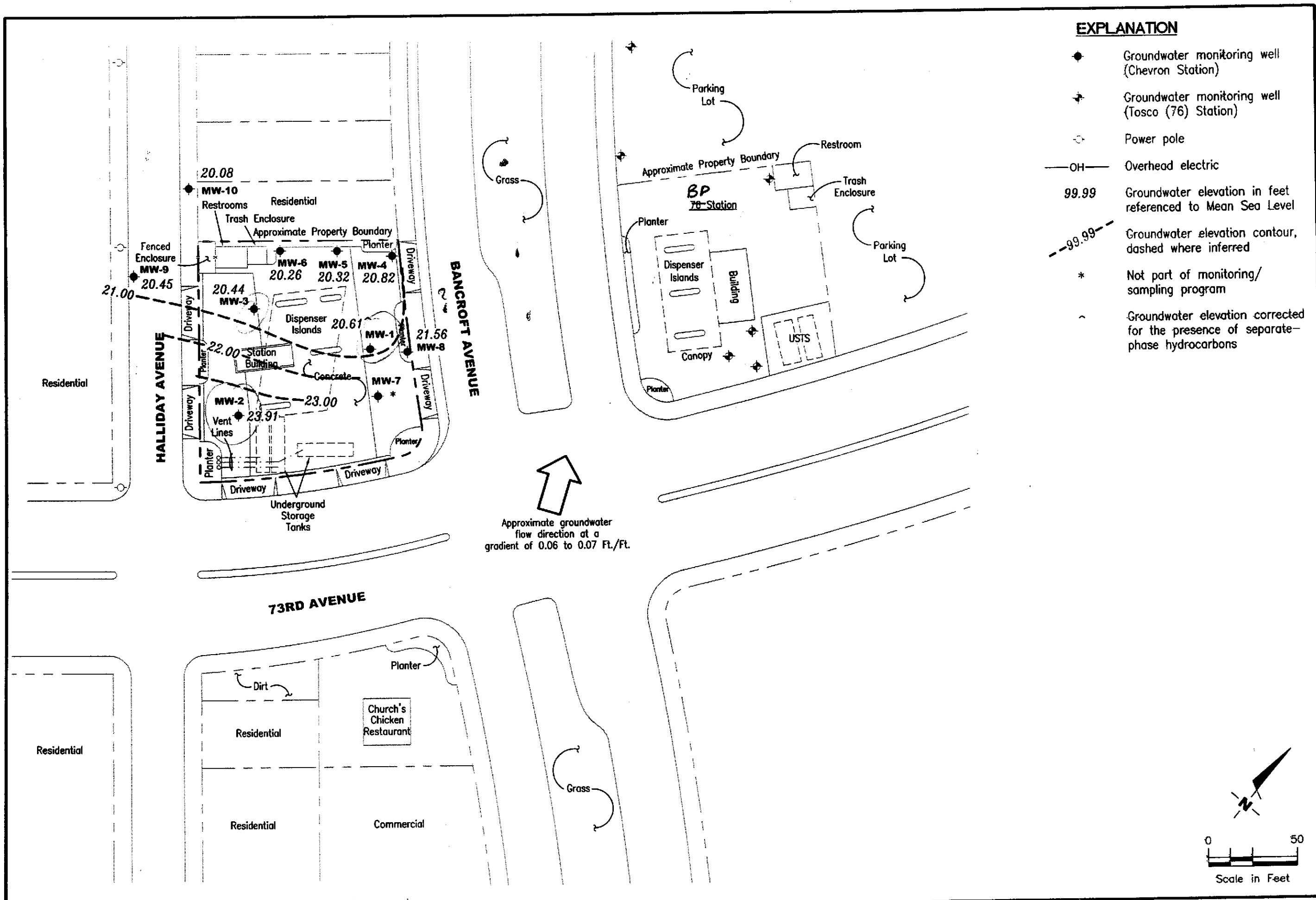
Sincerely,

Deanna L. Harding
Project Coordinator

Hagop Kevork
P.E. No. C55734

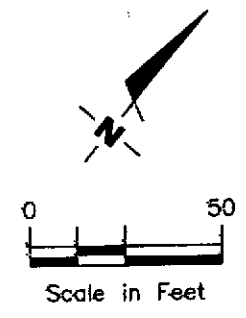


- Figure 1: Potentiometric Map
- Table 1: Groundwater Monitoring Data and Analytical Results
- Table 2: Groundwater Analytical Results - Oxygenate Compounds
- Attachments: Standard Operating Procedure - Groundwater Sampling
Field Data Sheets
Chain of Custody Document and Laboratory Analytical Reports



EXPLANATION

- ◆ Groundwater monitoring well (Chevron Station)
- ◆ Groundwater monitoring well (Tosco (76) Station)
- Power pole
- OH— Overhead electric
- 99.99 Groundwater elevation in feet referenced to Mean Sea Level
- - - 99.99 - - - Groundwater elevation contour, dashed where inferred
- * Not part of monitoring/sampling program
- ~ Groundwater elevation corrected for the presence of separate-phase hydrocarbons



FIGURE

1

POTENTIOMETRIC MAP
 Chevron Service Station #9-3322
 7225 Bancroft Avenue
 Oakland, California

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

PROJECT NUMBER: 386433
 FILE NAME: P:\Environ\Chevron\9-3322\004-9-3322.DWG | Layout Tab: Pot3
 DATE: August 10, 2004
 REVISION DATE:

Source: Figure modified from drawings provided by RRM engineering contracting firm, Combra and County Assessor's maps.

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-3322
7225 Bancroft Avenue
Oakland, California

| WELL ID/ DATE | TOC* (%) | GWE (msl) | DTW (ft.) | SPHT (ft.) | SPH REMOVED (gallons) | TPH-G (ppb) | B (ppb) | T (ppb) | E (ppb) | X (ppb) | MTBE (ppb) |
|-----------------------|-------------|--------------|--------------|---------------|-----------------------------|--|------------|------------|------------|------------|---------------|
| MW-1 | | | | | | | | | | | |
| 02/08/98 | 40.41 | 26.53 | 13.88 | -- | -- | 130,000 | 9,700 | 8,200 | 3,200 | 15,000 | <250 |
| 06/16/98 | 40.41 | 26.18 | 14.23 | -- | -- | 96,000 | 15,000 | 12,000 | 2,600 | 11,000 | 1,300 |
| 07/29/98 | 40.41 | 22.59 | 17.82 | -- | -- | 370,000 | 19,000 | 14,000 | 5,800 | 15,000 | <2,500 |
| 08/13/98 | 40.41 | 22.01 | 18.40 | -- | -- | 120,000 | 19,000 | 16,000 | 2,900 | 14,000 | <1,000 |
| 11/24/98 | 40.41 | 19.61 | 20.80 | -- | -- | 100,000 | 26,000 | 18,000 | 4,000 | 22,000 | 2,000 |
| 02/03/99 | 40.41 | 22.96 | 17.45 | -- | -- | 110,000 | 27,000 | 16,000 | 3,800 | 22,000 | <2.5 |
| 06/07/99 | 40.41 | 24.29** | 16.44 | 0.40 | 0.03 | -- | -- | -- | -- | -- | -- |
| 09/07/99 | 40.41 | 19.97** | 20.71 | 0.34 | 0.01 | -- | -- | -- | -- | -- | -- |
| 10/27/99 | 40.41 | 18.93** | 21.75 | 0.34 | 0.03 | -- | -- | -- | -- | -- | -- |
| 02/08/00 | 40.41 | 22.44 | 17.97 | 0.00 | 0.00 | 147,000 | 19,600 | 13,700 | 4,020 | 21,300 | <2,500 |
| 05/05/00 | 40.41 | 24.36 | 16.05 | 0.00 | 0.00 | 150,000 ² | 28,000 | 17,000 | 4,400 | 23,000 | <1,000 |
| 07/28/00 | 40.41 | 21.21 | 19.20 | 0.00 | 0.00 | 76,000 ² | 20,000 | 15,000 | 3,400 | 23,000 | 1,200 |
| 11/26/00 | 40.41 | 20.44** | 20.18 | 0.26 | 0.26 ⁴ | NOT SAMPLED DUE TO THE PRESENCE OF SPH | | | | -- | -- |
| 02/09/01 | 40.41 | 22.40** | 18.03 | 0.03 | 0.26 ⁴ | NOT SAMPLED DUE TO THE PRESENCE OF SPH | | | | -- | -- |
| 05/11/01 | 40.41 | 25.31 | 15.10 | 0.00 | 0.00 | 89,000 ² | 21,000 | 12,000 | 3,200 | 14,000 | <500 |
| 08/30/01 | 40.41 | 20.05** | 20.42 | 0.07 | 0.26 ⁴ | NOT SAMPLED DUE TO THE PRESENCE OF SPH | | | | -- | -- |
| 11/21/01 | 40.41 | 20.11** | 20.52 | 0.27 | 0.00 | NOT SAMPLED DUE TO THE PRESENCE OF SPH | | | | -- | -- |
| 02/05/02 | 40.41 | 25.79** | 14.63 | 0.01 | 0.00 | 130,000 | 16,000 | 13,000 | 4,200 | 23,000 | <30 |
| 04/01/02 | 37.40 | 25.03 | 12.37 | 0.00 | 0.00 | -- | -- | -- | -- | -- | -- |
| 08/05/02 | 37.40 | 24.46 | 12.94 | 0.00 | 0.00 | 230,000 | 12,000 | 9,000 | 5,500 | 28,000 | 280 |
| 11/04/02 | 37.40 | 17.37 | 20.03 | 0.00 | 0.00 | 130,000 | 24,000 | 15,000 | 3,900 | 20,000 | <60 |
| 02/03/03 | 37.40 | 23.22 | 14.18 | 0.00 | 0.00 | 100,000 | 13,000 | 8,900 | 3,000 | 15,000 | <130 |
| 05/02/03 | 37.40 | 24.12 | 13.28 | 0.00 | 0.00 | 140,000 | 9,900 | 5,900 | 4,200 | 21,000 | <130 |
| 08/01/03 ⁷ | 37.40 | 20.58 | 16.82 | 0.00 | 0.00 | 250,000 | 16,000 | 7,300 | 3,700 | 19,000 | 45 |
| 11/21/03 ⁷ | 37.40 | 19.06 | 18.34 | 0.00 | 0.00 | 110,000 | 18,000 | 9,500 | 3,000 | 17,000 | <10 |
| 02/10/04 ⁷ | 37.40 | 23.89 | 13.51 | 0.00 | 0.00 | 51,000 | 4,800 | 1,700 | 760 | 6,400 | 20 |
| 05/11/04 ⁷ | 37.40 | 23.05 | 14.35 | 0.00 | 0.00 | 80,000 | 13,000 | 6,500 | 2,800 | 14,000 | 61 |
| 08/10/04 ⁷ | 37.40 | 20.61** | 16.80 | 0.01 | 0.00 | 100,000 | 14,000 | 8,700 | 3,200 | 17,000 | <25 |

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-3322
7225 Bancroft Avenue
Oakland, California

| WELL ID/ DATE | TOC* (%) | GWE (msl) | DTW (ft.) | SPHT (ft.) | SPH REMOVED (gallons) | TPH-G (ppb) | B (ppb) | T (ppb) | E (ppb) | X (ppb) | MTBE (ppb) |
|-----------------------|-------------|--------------|--------------|---------------|-----------------------------|---------------------|------------|------------|------------|------------|---------------|
| MW-2 | | | | | | | | | | | |
| 02/08/98 | 38.73 | 31.13 | 7.60 | -- | -- | 24,000 | 130 | 170 | 450 | 1,900 | 2,300 |
| 06/16/98 | 38.73 | 29.61 | 9.12 | -- | -- | 8,900 | 31 | 46 | 310 | 1,100 | 260 |
| 07/29/98 | 38.73 | 27.06 | 11.67 | -- | -- | 7,600 | 15 | 21 | 150 | 480 | 82 |
| 08/13/98 | 38.73 | 26.32 | 12.41 | -- | -- | 14,000 | 26 | 80 | 500 | 2,100 | 32 |
| 11/24/98 | 38.73 | 23.10 | 15.63 | -- | -- | 37,000 | 63 | 220 | 1,300 | 7,100 | 770 |
| 02/03/99 | 38.73 | 27.16 | 11.57 | -- | -- | 16,000 | 140 | 110 | 850 | 3,100 | 900 |
| 06/07/99 | 38.73 | 27.78 | 10.95 | -- | -- | 4,300 | <10 | <10 | 120 | 260 | 160 |
| 09/07/99 | 38.73 | 26.00 | 12.73 | -- | -- | 10,700 | 50.5 | <25 | 297 | 1,020 | <250 |
| 10/27/99 | 38.73 | 26.02 | 12.71 | -- | -- | 7,240 | 53.8 | 31.9 | 234 | 654 | 448 |
| 02/08/00 | 38.73 | 28.59 | 10.14 | -- | -- | 10,100 | 42.9 | 18.4 | 424 | 1,480 | 206 |
| 05/05/00 | 38.73 | 28.61 | 10.12 | 0.00 | 0.00 | 7,800 ² | 34 | 22 | 320 | 1,100 | 170 |
| 07/28/00 | 38.73 | 26.16 | 12.57 | 0.00 | 0.00 | 6,700 ² | 40 | 13 | 490 | 540 | 190 |
| 11/26/00 | 38.73 | 26.83 | 11.90 | 0.00 | 0.00 | 8,200 ² | 21 | 9.5 | 400 | 1,100 | 120 |
| 02/09/01 | 38.73 | 26.53 | 12.20 | 0.00 | 0.00 | 11,200 ³ | <50.0 | <50.0 | 629 | 1,380 | 282 |
| 05/11/01 | 38.73 | 29.75 | 8.98 | 0.00 | 0.00 | 6,800 ² | 39 | 19 | 370 | 1,100 | 67 |
| 08/30/01 | 38.73 | 25.83 | 12.90 | 0.00 | 0.00 | 17,000 | 67 | <25 | 750 | 2,100 | 360 |
| 11/21/01 | 38.73 | 25.61 | 13.12 | 0.00 | 0.00 | 3,500 | 14 | <5.0 | 100 | 51 | 610 |
| 02/05/02 | 38.73 | 30.38 | 8.35 | 0.00 | 0.00 | 10,000 | 5.5 | <10 | 330 | 960 | 63 |
| 04/01/02 | 35.72 | 27.91 | 7.81 | 0.00 | 0.00 | -- | -- | -- | -- | -- | -- |
| 08/05/02 | 35.72 | 19.81 | 15.91 | 0.00 | 0.00 | 8,800 | 18 | 8.2 | 220 | 630 | 220 |
| 11/04/02 | 35.72 | 21.58 | 14.14 | 0.00 | 0.00 | 14,000 | 28 | 10 | 670 | 1,600 | 440 |
| 02/03/03 | 35.72 | 25.72 | 10.00 | 0.00 | 0.00 | 7,200 | 6.2 | 2.7 | 140 | 430 | 50 |
| 05/02/03 | 35.72 | 27.41 | 8.31 | 0.00 | 0.00 | 12,000 | <20 | 3.9 | 350 | 1,500 | 150 |
| 08/01/03 ⁷ | 35.72 | 23.06 | 12.66 | 0.00 | 0.00 | 12,000 | 14 | 4 | 330 | 730 | 140 |
| 11/21/03 ⁷ | 35.72 | 23.05 | 12.67 | 0.00 | 0.00 | 15,000 | 13 | 4 | 400 | 1,500 | 100 |
| 02/10/04 ⁷ | 35.72 | 30.52 | 5.20 | 0.00 | 0.00 | 17,000 | 9 | 3 | 420 | 1,600 | 72 |
| 05/11/04 ⁷ | 35.72 | 25.89 | 9.83 | 0.00 | 0.00 | 4,800 | 1 | 0.6 | 140 | 440 | 81 |
| 08/10/04 ⁷ | 35.72 | 23.91 | 11.81 | 0.00 | 0.00 | 11,000 | 8 | 1 | 340 | 1,100 | 35 |

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-3322
7225 Bancroft Avenue
Oakland, California

| WELL ID/ DATE | TOC* (ft.) | GWE (msl) | DTW (ft.) | SPHT (ft.) | SPH REMOVED (gallons) | TPH-G (ppb) | B (ppb) | T (ppb) | E (ppb) | X (ppb) | MTBE (ppb) |
|-----------------------|---------------|--------------|--------------|---------------|-----------------------------|---------------------|------------|------------|------------|------------|--------------------------|
| MW-3 | | | | | | | | | | | |
| 02/08/98 | 39.51 | 24.91 | 14.60 | -- | -- | 94,000 | 12,000 | 4,400 | 2,000 | 10,000 | 8,000 |
| 06/16/98 | 39.51 | 25.53 | 13.98 | -- | -- | 38,000 | 5,600 | 1,400 | 1,200 | 4,700 | 6,300/4,600 ¹ |
| 07/29/98 | 39.51 | 22.14 | 17.37 | -- | -- | 58,000 | 4,100 | 700 | 1,300 | 4,200 | 4,100 |
| 08/13/98 | 39.51 | 21.29 | 18.22 | -- | -- | 43,000 | 6,800 | 1,900 | 1,600 | 6,800 | 2,300 |
| 11/24/98 | 39.51 | 19.06 | 20.45 | -- | -- | 40,000 | 5,000 | 800 | 1,600 | 6,800 | 6,000/4,400 ¹ |
| 02/03/99 | 39.51 | 22.03 | 17.48 | -- | -- | 47,000 | 7,100 | 1,600 | 1,900 | 9,000 | 5,000 |
| 06/07/99 | 39.51 | 23.76 | 15.75 | -- | -- | 27,000 | 2,500 | 540 | 1,200 | 3,900 | 2,800 |
| 09/07/99 | 39.51 | 19.80 | 19.71 | -- | -- | 44,000 | 3,930 | 1,170 | 1,760 | 7,130 | 3,440 |
| 10/27/99 | 39.51 | 19.09 | 20.42 | -- | -- | 28,200 | 2,030 | 620 | 1,260 | 5,080 | 1,710 |
| 02/08/00 | 39.51 | 21.76 | 17.75 | -- | -- | 25,300 | 2,000 | 668 | 1,210 | 5,330 | 1,760 |
| 05/05/00 | 39.51 | 23.87 | 15.64 | 0.00 | 0.00 | 27,000 ² | 2,600 | 960 | 1,500 | 5,200 | 2,500 |
| 07/28/00 | 39.51 | 21.28 | 18.23 | 0.00 | 0.00 | 7,400 ² | 950 | 360 | 840 | 3,200 | 1,700 |
| 11/26/00 | 39.51 | 20.13 | 19.38 | 0.00 | 0.00 | 20,000 ² | 1,800 | 690 | 1,400 | 5,500 | 1,600 |
| 02/09/01 | 39.51 | 21.79 | 17.72 | 0.00 | 0.00 | 31,200 ³ | 1,980 | <50.0 | 1,770 | 7,220 | 2,170 |
| 05/11/01 | 39.51 | 24.86 | 14.65 | 0.00 | 0.00 | 18,000 ² | 3,000 | 780 | 1,600 | 5,500 | 1,800 |
| 08/30/01 | 39.51 | 20.16 | 19.35 | 0.00 | 0.00 | 9,400 | 570 | 180 | 610 | 1,900 | 880 |
| 11/21/01 | 39.51 | 19.47 | 20.04 | 0.00 | 0.00 | 29,000 | 1,100 | 450 | 1,500 | 6,100 | 1,200 |
| 02/05/02 | 39.51 | 25.42 | 14.09 | 0.00 | 0.00 | 16,000 | 820 | 210 | 830 | 2,400 | 1,100 |
| 04/01/02 | 36.53 | 24.32 | 12.21 | 0.00 | 0.00 | -- | -- | -- | -- | -- | -- |
| 08/05/02 | 36.53 | 22.22 | 14.31 | 0.00 | 0.00 | 11,000 | 310 | 92 | 380 | 820 | 830 |
| 11/04/02 | 36.53 | 17.50 | 19.03 | 0.00 | 0.00 | 32,000 | 1,900 | 540 | 1,800 | 5,900 | 1,500 |
| 02/03/03 | 36.53 | 22.58 | 13.95 | 0.00 | 0.00 | 19,000 | 1,100 | 240 | 920 | 2,900 | 1,100 |
| 05/02/03 | 36.53 | 23.46 | 13.07 | 0.00 | 0.00 | 18,000 | 1,200 | 270 | 1,100 | 2,500 | 1,400 |
| 08/01/03 ⁷ | 36.53 | 20.22 | 16.31 | 0.00 | 0.00 | 7,700 | 300 | 79 | 410 | 820 | 780 |
| 11/21/03 ⁷ | 36.53 | 18.64 | 17.89 | 0.00 | 0.00 | 7,600 | 270 | 100 | 470 | 1,300 | 700 |
| 02/10/04 ⁷ | 36.53 | 23.47 | 13.06 | 0.00 | 0.00 | 3,800 | 250 | 28 | 170 | 300 | 650 |
| 05/11/04 ⁷ | 36.53 | 22.80 | 13.73 | 0.00 | 0.00 | 1,200 | 60 | 9 | 76 | 62 | 530 |
| 08/10/04 ⁷ | 36.53 | 20.44 | 16.09 | 0.00 | 0.00 | 1,600 | 70 | 9 | 86 | 62 | 500 |

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-3322
7225 Bancroft Avenue
Oakland, California

| WELL ID/ DATE | TOC* (ft.) | GWE (msl) | DTW (ft.) | SPHT (ft.) | SPH REMOVED (gallons) | TPH-G (ppb) | B (ppb) | T (ppb) | E (ppb) | X (ppb) | MTBE (ppb) |
|-----------------------|---------------|--------------|--------------|---------------|-----------------------------|----------------|------------|------------|------------|------------|---------------|
| MW-4 | | | | | | | | | | | |
| 02/02/99 | 40.24 | 27.07 | 13.17 | -- | -- | <50 | 0.52 | <0.5 | <0.5 | <0.5 | 6.0 |
| 06/07/99 | 40.24 | 23.83 | 16.41 | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| 09/07/99 | 40.24 | 19.34 | 20.90 | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <5.0 |
| 10/27/99 | 40.24 | 18.65 | 21.59 | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| 02/08/00 | 40.24 | 23.08 | 17.16 | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <5.0 |
| 05/05/00 | 40.24 | 24.22 | 16.02 | 0.00 | 0.00 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <2.5 |
| 07/28/00 | 40.24 | 21.12 | 19.12 | 0.00 | 0.00 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <2.5 |
| 11/26/00 | 40.24 | 20.32 | 19.92 | 0.00 | 0.00 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <2.5 |
| 02/09/01 | 40.24 | 22.79 | 17.45 | 0.00 | 0.00 | <50.0 | <0.500 | <0.500 | <0.500 | <0.500 | <2.50 |
| 05/11/01 | 40.24 | 25.22 | 15.02 | 0.00 | 0.00 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <2.5 |
| 08/30/01 | 40.24 | 19.91 | 20.33 | 0.00 | 0.00 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <2.5 |
| 11/21/01 | 40.24 | 20.49 | 19.75 | 0.00 | 0.00 | <50 | <0.50 | <0.50 | <0.50 | <1.5 | <2.5 |
| 02/05/02 | 40.24 | 26.18 | 14.06 | 0.00 | 0.00 | <50 | <0.50 | <0.50 | <0.50 | <1.5 | <2.5 |
| 04/01/02 | 37.29 | 25.23 | 12.06 | 0.00 | 0.00 | -- | -- | -- | -- | -- | -- |
| 08/05/02 | 37.29 | 20.24 | 17.05 | 0.00 | 0.00 | <50 | <0.50 | <0.50 | <0.50 | <1.5 | <2.5 |
| 11/04/02 | 37.29 | 17.56 | 19.73 | 0.00 | 0.00 | <50 | <0.50 | <0.50 | <0.50 | <1.5 | <2.5 |
| 02/03/03 | 37.29 | 23.24 | 14.05 | 0.00 | 0.00 | <50 | <0.50 | <0.50 | <0.50 | <1.5 | <2.5 |
| 05/02/03 | 37.29 | 24.44 | 12.85 | 0.00 | 0.00 | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 |
| 08/01/03 ⁷ | 37.29 | 20.35 | 16.94 | 0.00 | 0.00 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| 11/21/03 ⁷ | 37.29 | 19.14 | 18.15 | 0.00 | 0.00 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| 02/10/04 ⁷ | 37.29 | 24.27 | 13.02 | 0.00 | 0.00 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | 1 |
| 05/11/04 ⁷ | 37.29 | 23.14 | 14.15 | 0.00 | 0.00 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| 08/10/04 ⁷ | 37.29 | 20.82 | 16.47 | 0.00 | 0.00 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| MW-5 | | | | | | | | | | | |
| 02/02/99 | 40.37 | 21.57 | 18.80 | -- | -- | 72 | 2.7 | <0.5 | <0.5 | <0.5 | 11 |
| 06/07/99 | 40.37 | 23.39 | 16.98 | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| 09/07/99 | 40.37 | 19.24 | 21.13 | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | 6.92 |
| 10/27/99 | 40.37 | 18.45 | 21.92 | -- | -- | <50 | 2.39 | <0.5 | <0.5 | <0.5 | 21.3 |
| 02/08/00 | 40.37 | 21.39 | 18.98 | -- | -- | <50 | 10.6 | <0.5 | <0.5 | <0.5 | 21.7 |
| 05/05/00 | 40.37 | 23.48 | 16.89 | 0.00 | 0.00 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | 3.8 |

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-3322
7225 Bancroft Avenue
Oakland, California

| WELL ID/ DATE | TOC* (ft.) | GWE (msl) | DTW (ft.) | SPHT (ft.) | SPH REMOVED (gallons) | TPH-G (ppb) | B (ppb) | T (ppb) | E (ppb) | X (ppb) | MTBE (ppb) |
|-----------------------|---------------|--------------|--------------|---------------|-----------------------------|---------------------|------------|------------|------------|------------|---------------|
| MW-5 (cont) | | | | | | | | | | | |
| 07/28/00 | 40.37 | 20.88 | 19.49 | 0.00 | 0.00 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <2.5 |
| 11/26/00 | 40.37 | 19.68 | 20.69 | 0.00 | 0.00 | <50 | 0.57 | <0.50 | <0.50 | <0.50 | 15 |
| 02/09/01 | 40.37 | 21.50 | 18.87 | 0.00 | 0.00 | <50.0 | <0.500 | <0.500 | <0.500 | <0.500 | 9.11 |
| 05/11/01 | 40.37 | 24.47 | 15.90 | 0.00 | 0.00 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <2.5 |
| 08/30/01 | 40.37 | 19.76 | 20.61 | 0.00 | 0.00 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | 9.5 |
| 11/21/01 | 40.37 | 19.33 | 21.04 | 0.00 | 0.00 | <50 | <0.50 | <0.50 | <0.50 | <1.5 | 7.3 |
| 02/05/02 | 40.37 | 25.16 | 15.21 | 0.00 | 0.00 | <50 | <0.50 | <0.50 | <0.50 | <1.5 | <2.5 |
| 04/01/02 | 37.40 | 23.95 | 13.45 | 0.00 | 0.00 | -- | -- | -- | -- | -- | -- |
| 08/05/02 | 37.40 | 19.86 | 17.54 | 0.00 | 0.00 | <50 | <0.50 | <0.50 | <0.50 | <1.5 | 2.7 |
| 11/04/02 | 37.40 | 17.33 | 20.07 | 0.00 | 0.00 | <50 | <0.50 | <0.50 | <0.50 | <1.5 | 6.3 |
| 02/03/03 | 37.40 | 22.37 | 15.03 | 0.00 | 0.00 | <50 | <0.50 | 0.60 | <0.50 | <1.5 | <2.5 |
| 05/02/03 | 37.40 | 23.44 | 13.96 | 0.00 | 0.00 | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 |
| 08/01/03 ⁷ | 37.40 | 20.00 | 17.40 | 0.00 | 0.00 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| 11/21/03 ⁷ | 37.40 | 18.83 | 18.57 | 0.00 | 0.00 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| 02/10/04 ⁷ | 37.40 | 23.26 | 14.14 | 0.00 | 0.00 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| 05/11/04 ⁷ | 37.40 | 22.70 | 14.70 | 0.00 | 0.00 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| 08/10/04 ⁷ | 37.40 | 20.32 | 17.08 | 0.00 | 0.00 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| MW-6 | | | | | | | | | | | |
| 02/02/99 | 39.84 | 21.36 | 18.48 | -- | -- | 14,000 | 5,600 | <50 | 150 | 160 | <250 |
| 06/07/99 | 39.84 | 23.39 | 16.45 | -- | -- | 1,500 | 1,100 | 33 | 25 | 34 | 200 |
| 09/07/99 | 39.84 | 19.35 | 20.49 | -- | -- | 6,550 | 2,940 | 81.5 | 177 | 84 | 865 |
| 10/27/99 | 39.84 | 18.61 | 21.23 | -- | -- | 3,680 | 1,240 | 29.6 | 115 | 14.9 | 735 |
| 02/08/00 | 39.84 | 21.44 | 18.40 | -- | -- | 17,300 | 8,920 | <100 | 378 | 211 | 2,610 |
| 05/05/00 | 39.84 | 23.48 | 16.36 | 0.00 | 0.00 | 4,200 ² | 1,900 | 98 | 170 | 290 | 1,300 |
| 07/28/00 | 39.84 | 20.90 | 18.94 | 0.00 | 0.00 | 1,200 ² | 660 | 30 | 83 | 36 | 650 |
| 11/26/00 | 39.84 | 19.71 | 20.13 | 0.00 | 0.00 | 7,600 ² | 4,300 | 63 | 360 | 110 | 2,000 |
| 02/09/01 | 39.84 | 21.44 | 18.40 | 0.00 | 0.00 | 18,200 ³ | 7,090 | <100 | 457 | 169 | 2,930 |
| 05/11/01 | 39.84 | 24.39 | 15.45 | 0.00 | 0.00 | 2,600 ² | 2,300 | 31 | 88 | 40 | 990 |
| 08/30/01 | 39.84 | 19.82 | 20.02 | 0.00 | 0.00 | 2,500 | 1,600 | 50 | 160 | 100 | 1,900 |
| 11/21/01 | 39.84 | 19.22 | 20.62 | 0.00 | 0.00 | 25,000 | 8,800 | 150 | 620 | 330 | 2,900 |

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-3322
7225 Bancroft Avenue
Oakland, California

| WELL ID/ DATE | TOC* (ft.) | GWE (msl) | DTW (ft.) | SPHT (ft.) | SPH REMOVED (gallons) | TPH-G (ppb) | B (ppb) | T (ppb) | E (ppb) | X (ppb) | MTBE (ppb) |
|-----------------------|---------------|---|--------------|---------------|-----------------------------|----------------|------------|------------|------------|------------|------------------------|
| MW-6 (cont) | | | | | | | | | | | |
| 02/05/02 | 39.84 | 24.04 | 15.80 | 0.00 | 0.00 | 1,400 | 400 | 6.8 | 27 | 20 | 480 |
| 04/01/02 | 36.90 | 23.08 | 13.82 | 0.00 | 0.00 | -- | -- | -- | -- | -- | -- |
| 08/05/02 | 36.90 | 19.85 | 17.05 | 0.00 | 0.00 | 1,200 | 300 | 5.1 | 11 | 3.7 | 250 |
| 11/04/02 | 36.90 | 17.34 | 19.56 | 0.00 | 0.00 | 7,500 | 2,000 | 29 | 140 | 39 | 1,300 |
| 02/03/03 | 36.90 | 22.28 | 14.62 | 0.00 | 0.00 | 630 | 160 | <5.0 | 9.2 | 2.7 | 260 |
| 05/02/03 | 36.90 | INACCESSIBLE - VEHICLE PARKED OVER WELL | | | | -- | -- | -- | -- | -- | -- |
| 08/01/03 ⁷ | 36.90 | 20.02 | 16.88 | 0.00 | 0.00 | 1,500 | 400 | 3 | 14 | 3 | 540 |
| 11/21/03 ⁷ | 36.90 | 18.49 | 18.41 | 0.00 | 0.00 | 4,400 | 1,300 | 12 | 98 | 18 | 540 |
| 02/10/04 ⁷ | 36.90 | 23.20 | 13.70 | 0.00 | 0.00 | 430 | 110 | 1 | 4 | 0.7 | 150 |
| 05/11/04 ⁷ | 36.90 | 22.63 | 14.27 | 0.00 | 0.00 | 95 | 11 | <0.5 | 1 | 0.6 | 120 |
| 08/10/04 ⁷ | 36.90 | 20.26 | 16.64 | 0.00 | 0.00 | 430 | 46 | <0.5 | 3 | <0.5 | 140 |
| MW-8 | | | | | | | | | | | |
| 04/01/02 ⁶ | 37.21 | 26.11 | 11.10 | 0.00 | 0.00 | 1,200 | 8.6 | <0.50 | 2.5 | 2.5 | <2.5/<2 ⁵ |
| 08/05/02 | 37.21 | 21.07 | 16.14 | 0.00 | 0.00 | 560 | 11 | <0.50 | <0.50 | <1.5 | <2.5/<2 ⁵ |
| 11/04/02 | 37.21 | 18.24 | 18.97 | 0.00 | 0.00 | 780 | 5.1 | <0.50 | 1.1 | 1.9 | <2.5/<2 ⁵ |
| 02/03/03 | 37.21 | 24.00 | 13.21 | 0.00 | 0.00 | 230 | 3.7 | <0.50 | 0.54 | <1.5 | <10/0.6 ⁵ |
| 05/02/03 | 37.21 | 25.09 | 12.12 | 0.00 | 0.00 | 180 | 2.5 | <0.5 | <0.5 | <1.5 | <2.5/<0.5 ⁵ |
| 08/01/03 ⁷ | 37.21 | 21.10 | 16.11 | 0.00 | 0.00 | 220 | 2 | <0.5 | <0.5 | <0.5 | 0.8 |
| 11/21/03 ⁷ | 37.21 | 20.04 | 17.17 | 0.00 | 0.00 | 140 | <0.5 | <0.5 | <0.5 | <0.5 | 0.7 |
| 02/10/04 ⁷ | 37.21 | 25.08 | 12.13 | 0.00 | 0.00 | 150 | 2 | <0.5 | <0.5 | <0.5 | 0.8 |
| 05/11/04 ⁷ | 37.21 | 23.74 | 13.47 | 0.00 | 0.00 | 86 | 4 | <0.5 | <0.5 | <0.5 | 1 |
| 08/10/04 ⁷ | 37.21 | 21.56 | 15.65 | 0.00 | 0.00 | 80 | <0.5 | <0.5 | <0.5 | <0.5 | 0.8 |
| MW-9 | | | | | | | | | | | |
| 04/01/02 ⁶ | 35.03 | 24.41 | 10.62 | 0.00 | 0.00 | 94 | 1.5 | <0.50 | <0.50 | <1.5 | 25/19 ⁵ |
| 08/05/02 | 35.03 | 20.18 | 14.85 | 0.00 | 0.00 | <50 | <0.50 | <0.50 | <0.50 | <1.5 | 18/15 ⁵ |
| 11/04/02 | 35.03 | 17.55 | 17.48 | 0.00 | 0.00 | <50 | <0.50 | 1.7 | <0.50 | 2.1 | 24/21 ⁵ |
| 02/03/03 | 35.03 | 22.52 | 12.51 | 0.00 | 0.00 | <50 | 1.9 | <0.50 | <0.50 | <1.5 | 17/16 ⁵ |
| 05/02/03 | 35.03 | 23.35 | 11.68 | 0.00 | 0.00 | <50 | 0.6 | <0.5 | <0.5 | <1.5 | 21/18 ⁵ |

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-3322
7225 Bancroft Avenue
Oakland, California

| WELL ID/ DATE | TOC* (%) | GWE (msl) | DTW (ft.) | SPHT (ft.) | SPH REMOVED (gallons) | TPH-G (ppb) | B (ppb) | T (ppb) | E (ppb) | X (ppb) | MTBE (ppb) |
|-----------------------|-------------|--------------|--------------|---------------|-----------------------------|----------------|------------|------------|------------|------------|------------------------|
| MW-9 (cont) | | | | | | | | | | | |
| 08/01/03 ⁷ | 35.03 | 20.34 | 14.69 | 0.00 | 0.00 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | 22 |
| 11/21/03 ⁷ | 35.03 | 18.68 | 16.35 | 0.00 | 0.00 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | 18 |
| 02/10/04 ⁷ | 35.03 | 23.34 | 11.69 | 0.00 | 0.00 | 210 | 7 | 0.5 | 1 | 1 | 31 |
| 05/11/04 ⁷ | 35.03 | 22.91 | 12.12 | 0.00 | 0.00 | 230 | 17 | <0.5 | <0.5 | <0.5 | 72 |
| 08/10/04 ⁷ | 35.03 | 20.45 | 14.58 | 0.00 | 0.00 | 250 | 5 | <0.5 | <0.5 | <0.5 | 66 |
| MW-10 | | | | | | | | | | | |
| 04/01/02 ⁶ | 35.53 | 23.81 | 11.72 | 0.00 | 0.00 | <50 | <0.50 | <0.50 | <0.50 | <1.5 | 6.1/5 ⁵ |
| 08/05/02 | 35.53 | 19.73 | 15.80 | 0.00 | 0.00 | <50 | <0.50 | <0.50 | <0.50 | <1.5 | 5.1/5 ⁵ |
| 11/04/02 | 35.53 | 17.22 | 18.31 | 0.00 | 0.00 | <50 | <0.50 | <0.50 | <0.50 | <1.5 | 5.5/5 ⁵ |
| 02/03/03 | 35.53 | 22.11 | 13.42 | 0.00 | 0.00 | <50 | <0.50 | <0.50 | <0.50 | <1.5 | 2.8/3 ⁵ |
| 05/02/03 | 35.53 | 23.08 | 12.45 | 0.00 | 0.00 | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5/<0.5 ⁵ |
| 08/01/03 ⁷ | 35.53 | 19.91 | 15.62 | 0.00 | 0.00 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | 2 |
| 11/21/03 ⁷ | 35.53 | 18.27 | 17.26 | 0.00 | 0.00 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | 1 |
| 02/10/04 ⁷ | 35.53 | 23.01 | 12.52 | 0.00 | 0.00 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| 05/11/04 ⁷ | 35.53 | 22.47 | 13.06 | 0.00 | 0.00 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | 1 |
| 08/10/04 ⁷ | 35.53 | 20.08 | 15.45 | 0.00 | 0.00 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | 3 |
| TRIP BLANK | | | | | | | | | | | |
| 02/08/98 | -- | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| 06/16/98 | -- | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| 07/29/98 | -- | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| 08/13/98 | -- | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| 11/24/98 | -- | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| 02/02/99 | -- | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| 02/03/99 | -- | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| 06/07/99 | -- | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <5.0 |
| 09/07/99 | -- | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| 10/27/99 | -- | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| 02/08/00 | -- | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <5.0 |

Table 1
Groundwater Monitoring Data and Analytical Results
 Chevron Service Station #9-3322
 7225 Bancroft Avenue
 Oakland, California

| WELL ID/ DATE | TOC ^a (ft.) | GWE (msl) | DTW (ft.) | SPHT (ft.) | SPH REMOVED (gallons) | TPH-G (ppb) | B (ppb) | T (ppb) | E (ppb) | X (ppb) | MTBE (ppb) |
|--------------------------|---------------------------|--------------|--------------|---------------|-----------------------------|----------------|------------|------------|------------|------------|---------------|
| TRIP BLANK (cont) | | | | | | | | | | | |
| 05/05/00 | -- | -- | -- | -- | -- | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <2.5 |
| 07/28/00 | -- | -- | -- | -- | -- | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <2.5 |
| 11/26/00 | -- | -- | -- | -- | -- | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <2.5 |
| 02/09/01 | -- | -- | -- | -- | -- | <50.0 | <0.500 | <0.500 | <0.500 | <0.500 | <2.50 |
| 05/11/01 | -- | -- | -- | -- | -- | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <2.5 |
| 08/30/01 | -- | -- | -- | -- | -- | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <2.5 |
| QA | | | | | | | | | | | |
| 11/21/01 | -- | -- | -- | -- | -- | <50 | <0.50 | <0.50 | <0.50 | <1.5 | <2.5 |
| 02/05/02 | -- | -- | -- | -- | -- | <50 | <0.50 | <0.50 | <0.50 | <1.5 | <2.5 |
| 04/01/02 | -- | -- | -- | -- | -- | <50 | <0.50 | <0.50 | <0.50 | <1.5 | <2.5 |
| 08/05/02 | -- | -- | -- | -- | -- | <50 | <0.50 | <0.50 | <0.50 | <1.5 | <2.5 |
| 10/04/02 | -- | -- | -- | -- | -- | <50 | <0.50 | <0.50 | <0.50 | <1.5 | <2.5 |
| 02/03/03 | -- | -- | -- | -- | -- | <50 | <0.50 | <0.50 | <0.50 | <1.5 | <2.5 |
| 05/02/03 | -- | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 |
| 08/01/03 ⁷ | -- | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| 11/21/03 ⁷ | -- | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| 02/10/04 ⁷ | -- | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| 05/11/04 ⁷ | -- | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| 08/10/04 ⁷ | -- | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-3322
7225 Bancroft Avenue
Oakland, California

EXPLANATIONS:

Groundwater monitoring data and laboratory analytical results prior to May 5, 2000, were compiled from reports prepared by Blaine Tech Services, Inc.

| | | |
|---|--|------------------------------------|
| TOC = Top of Casing | TPH-G = Total Petroleum Hydrocarbons as Gasoline | MTBE = Methyl tertiary butyl ether |
| (ft.) = Feet | B = Benzene | (ppb) = Parts per billion |
| GWE = Groundwater Elevation | T = Toluene | -- = Not Measured/Not Analyzed |
| (msl) = Mean sea level | E = Ethylbenzene | QA = Quality Assurance/Trip Blank |
| DTW = Depth to Water | X = Xylenes | |
| SPHT = Separate Phase Hydrocarbon Thickness | | |
| SPH = Separate Phase Hydrocarbons | | |

- * TOC elevations were surveyed in April 2002, by Morrow Surveying. Elevations are based on City of Oakland Benchmark designated 3787 in field book 1595, page 50: cut square northerly curb on Krause Ave., approx. 37 feet westerly of PL westerly of 73rd Ave., (Elevation = 33.82 feet).
- ** GWE corrected for the presence of free product; correction factor: $[(TOC - DTW) + (SPHT \times 0.8)]$.
- 1 Confirmation run.
- 2 Laboratory report indicates gasoline C6-C12.
- 3 Laboratory report indicates weathered gasoline C6-C12.
- 4 Product and water removed.
- 5 MTBE by EPA Method 8260.
- 6 Well development performed.
- 7 BTEX and MTBE by EPA Method 8260.

Table 2
Groundwater Analytical Results - Oxygenate Compounds
Chevron Service Station #9-3322
7225 Bancroft Avenue
Oakland, California

| WELL ID | DATE | ETHANOL (ppb) | TBA (ppb) | MTBE (ppb) | DIPE (ppb) | ETBE (ppb) | TAME (ppb) |
|---------|----------|------------------|--------------|---------------|---------------|---------------|---------------|
| MW-1 | 08/01/03 | <2,000 | -- | 45 | -- | -- | -- |
| | 11/21/03 | <1,000 | -- | <10 | -- | -- | -- |
| | 02/10/04 | <250 | -- | 20 | -- | -- | -- |
| | 05/11/04 | <500 | -- | 61 | -- | -- | -- |
| | 08/10/04 | <2,500 | -- | <25 | -- | -- | -- |
| MW-2 | 08/01/03 | <100 | -- | 140 | -- | -- | -- |
| | 11/21/03 | <100 | -- | 100 | -- | -- | -- |
| | 02/10/04 | <100 | -- | 72 | -- | -- | -- |
| | 05/11/04 | <50 | -- | 81 | -- | -- | -- |
| | 08/10/04 | <100 | -- | 35 | -- | -- | -- |
| MW-3 | 08/01/03 | <130 | -- | 780 | -- | -- | -- |
| | 11/21/03 | <50 | -- | 700 | -- | -- | -- |
| | 02/10/04 | <50 | -- | 650 | -- | -- | -- |
| | 05/11/04 | <50 | -- | 530 | -- | -- | -- |
| | 08/10/04 | <100 | -- | 500 | -- | -- | -- |
| MW-4 | 08/01/03 | <50 | -- | <0.5 | -- | -- | -- |
| | 11/21/03 | <50 | -- | <0.5 | -- | -- | -- |
| | 02/10/04 | <50 | -- | 1 | -- | -- | -- |
| | 05/11/04 | <50 | -- | <0.5 | -- | -- | -- |
| | 08/10/04 | <50 | -- | <0.5 | -- | -- | -- |
| MW-5 | 08/01/03 | <50 | -- | <0.5 | -- | -- | -- |
| | 11/21/03 | <50 | -- | <0.5 | -- | -- | -- |
| | 02/10/04 | <50 | -- | <0.5 | -- | -- | -- |
| | 05/11/04 | <50 | -- | <0.5 | -- | -- | -- |
| | 08/10/04 | <50 | -- | <0.5 | -- | -- | -- |

Table 2
Groundwater Analytical Results - Oxygenate Compounds
Chevron Service Station #9-3322
7225 Bancroft Avenue
Oakland, California

| WELL ID | DATE | ETHANOL (ppb) | TBA (ppb) | MTBE (ppb) | DIPE (ppb) | ETBE (ppb) | TAME (ppb) |
|---------|----------|------------------|--------------|---------------|---------------|---------------|---------------|
| MW-6 | 08/01/03 | <100 | -- | 540 | -- | -- | -- |
| | 11/21/03 | <50 | -- | 540 | -- | -- | -- |
| | 02/10/04 | <50 | -- | 150 | -- | -- | -- |
| | 05/11/04 | <50 | -- | 120 | -- | -- | -- |
| | 08/10/04 | <50 | -- | 140 | -- | -- | -- |
| MW-8 | 04/01/02 | -- | <100 | <2 | <2 | <2 | <2 |
| | 08/05/02 | -- | <100 | <2 | <2 | <2 | <2 |
| | 11/04/02 | -- | <100 | <2 | <2 | <2 | <2 |
| | 02/03/03 | -- | <5 | 0.6 | <0.5 | <0.5 | <0.5 |
| | 05/02/03 | -- | <5 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 08/01/03 | <50 | <5 | 0.8 | <0.5 | <0.5 | <0.5 |
| | 11/21/03 | <50 | <5 | 0.7 | <0.5 | <0.5 | <0.5 |
| | 02/10/04 | <50 | <5 | 0.8 | <0.5 | <0.5 | <0.5 |
| | 05/11/04 | <50 | <5 | 1 | <0.5 | <0.5 | <0.5 |
| | 08/10/04 | <50 | <5 | 0.8 | <0.5 | <0.5 | <0.5 |
| MW-9 | 04/01/02 | -- | <100 | 19 | <2 | <2 | <2 |
| | 08/05/02 | -- | <100 | 15 | <2 | <2 | <2 |
| | 11/04/02 | -- | <100 | 21 | <2 | <2 | <2 |
| | 02/03/03 | -- | <5 | 16 | <0.5 | <0.5 | 0.8 |
| | 05/02/03 | -- | <5 | 18 | <0.5 | <0.5 | 0.8 |
| | 08/01/03 | <50 | 7 | 22 | 0.9 | <0.5 | 1 |
| | 11/21/03 | <50 | <5 | 18 | 0.8 | <0.5 | 1 |
| | 02/10/04 | <50 | 9 | 31 | 0.6 | <0.5 | 2 |
| | 05/11/04 | <50 | 16 | 72 | <0.5 | <0.5 | 4 |
| | 08/10/04 | <50 | <5 | 66 | 0.9 | <0.5 | 3 |
| MW-10 | 04/01/02 | -- | <100 | 5 | <2 | <2 | <2 |
| | 08/05/02 | -- | <100 | 5 | <2 | <2 | <2 |
| | 11/04/02 | -- | <100 | 5 | <2 | <2 | <2 |

Table 2
Groundwater Analytical Results - Oxygenate Compounds
Chevron Service Station #9-3322
7225 Bancroft Avenue
Oakland, California

| WELL ID | DATE | ETHANOL (ppb) | TBA (ppb) | MTBE (ppb) | DIPE (ppb) | ETBE (ppb) | TAME (ppb) |
|---------|----------|------------------|--------------|---------------|---------------|---------------|---------------|
| MW-10 | 02/03/03 | -- | <5 | 3 | <0.5 | <0.5 | <0.5 |
| (cont) | 05/02/03 | -- | <5 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 08/01/03 | <50 | <5 | 2 | <0.5 | <0.5 | <0.5 |
| | 11/21/03 | <50 | <5 | 1 | <0.5 | <0.5 | <0.5 |
| | 02/10/04 | <50 | <5 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 05/11/04 | <50 | <5 | 1 | <0.5 | <0.5 | <0.5 |
| | 08/10/04 | <50 | <5 | 3 | <0.5 | <0.5 | <0.5 |

Table 2
Groundwater Analytical Results - Oxygenate Compounds
Chevron Service Station #9-3322
7225 Bancroft Avenue
Oakland, California

EXPLANATIONS:

TBA = Tertiary butyl alcohol
MTBE = Methyl tertiary butyl ether
DIPE = Di-isopropyl ether
ETBE = Ethyl tertiary butyl ether
TAME = Tertiary amyl methyl ether
(ppb) = Parts per billion
-- = Not Analyzed

ANALYTICAL METHOD:

EPA Method 8260 for Oxygenate Compounds

STANDARD OPERATING PROCEDURE - GROUNDWATER SAMPLING

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

Prior to sampling, the presence or absence of free-phase hydrocarbons is determined using an interface probe. Product thickness, if present, is measured to the nearest 0.01 foot and is noted in the field notes. In addition, all depth to water level measurements are collected with a static water level indicator and are also recorded in the field notes, prior to purging and sampling any wells.

After water levels are collected and prior to sampling, if purging is to occur, each well is purged a minimum of three well casing volumes of water using pre-cleaned pumps (stack, suction, Grundfos), or disposable bailers. Temperature, pH and electrical conductivity are measured a minimum of three times during the purging. Purging continues until these parameters stabilize.

Groundwater samples are collected using disposable bailers. The water samples are transferred from the bailer into appropriate containers. Pre-preserved containers, supplied by analytical laboratories, are used when possible. When pre-preserved containers are not available, the laboratory is instructed to preserve the sample as appropriate. Duplicate samples are collected for the laboratory to use in maintaining quality assurance/quality control standards. The samples are labeled to include the job number, sample identification, collection date and time, analysis, preservation (if any), and the sample collector's initials. The water samples are placed in a cooler, maintained at 4°C for transport to the laboratory. Once collected in the field, all samples are maintained under chain of custody until delivered to the laboratory.

The chain of custody document includes the job number, type of preservation, if any, analysis requested, sample identification, date and time collected, and the sample collector's name. The chain of custody is signed and dated (including time of transfer) by each person who receives or surrenders the samples, beginning with the field personnel and ending with the laboratory personnel.

A laboratory supplied trip blank accompanies each sampling set. For sampling sets greater than 20 samples, 5% trip blanks are included. The trip blank is analyzed for some or all of the same compounds as the groundwater samples.

As requested by ChevronTexaco Company, the purge water and decontamination water generated during sampling activities is transported by IWM to McKittrick Waste Management located in McKittrick, California.



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-3322
 Site Address: 7225 Bancroft Avenue
 City: Oakland, CA

Job Number: 386433
 Event Date: 8-10-04 (inclusive)
 Sampler: Joc

Well ID: MW-1
 Well Diameter: 2 in.
 Total Depth: 33.96 ft.
 Depth to Water: 16.80 ft.
17.16 xVF 0.17 = 2.92

Date Monitored: 8-10-04 Well Condition: OK

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

x3 case volume = Estimated Purge Volume: 9 gal.

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

Sampling Equipment:
 Disposable Bailer
 Pressure Bailer _____
 Discrete Bailer _____
 Other: _____

Time Started: _____ (2400 hrs)
 Time Bailed: _____ (2400 hrs)
 Depth to Product: 16.79 ft
 Depth to Water: 16.80 ft
 Hydrocarbon Thickness: 0.01 ft
 Visual Confirmation/Description: _____
 Skimmer / Absorbant Sock (circle one)
 Amt Removed from Skimmer: _____ gal
 Amt Removed from Well: _____ gal
 Water Removed: _____
 Product Transferred to: _____

Start Time (purge): 1110 Weather Conditions: Overcast clear
 Sample Time/Date: 1135 18-9-04 Water Color: clear Odor: yes
 Purging Flow Rate: 1 gpm. Sediment Description: _____
 Did well de-water? _____ If yes, Time: _____ Volume: _____ gal.

| Time (2400 hr.) | Volume (gal.) | pH | Conductivity (u mhos/cm) x 1000 | Temperature (C/F) | D.O. (mg/L) | ORP (mV) |
|-----------------|---------------|-------------|---------------------------------|-------------------|-------------|----------|
| <u>1118</u> | <u>3</u> | <u>6.40</u> | <u>0.12</u> | <u>69.5</u> | _____ | _____ |
| <u>1121</u> | <u>6</u> | <u>6.46</u> | <u>0.18</u> | <u>70.2</u> | _____ | _____ |
| <u>1124</u> | <u>9</u> | <u>6.47</u> | <u>0.19</u> | <u>70.5</u> | _____ | _____ |
| _____ | _____ | _____ | _____ | _____ | _____ | _____ |

LABORATORY INFORMATION

| SAMPLE ID | (#) CONTAINER | REFRIG. | PRESERV. TYPE | LABORATORY | ANALYSES |
|-----------|---------------|---------|---------------|------------|--|
| MW-1 | 6 x vob vial | YES | HCL | LANCASTER | TPH-G(8015)/BTEX+MTBE(8260)/ETHANOL(8260) - OR |
| | x vob vial | YES | HCL | LANCASTER | TPH-G(8015)/BTEX+MTBE(8260)/5 OXYS+ETHANOL(8260) |
| | | | | | |
| | | | | | |

COMMENTS: _____

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



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-3322 Job Number: 386433
 Site Address: 7225 Bancroft Avenue Event Date: 8-10-04 (inclusive)
 City: Oakland, CA Sampler: See

Well ID: MW-2 Date Monitored: 8-10-04 Well Condition: OK

Well Diameter: 2 in.

Total Depth: 29.88 ft.

Depth to Water: 11.81 ft.

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

18.07 xVF = 0.17 = 3.07 x3 case volume= Estimated Purge Volume: 9.5 gal.

Purge Equipment:

Disposable Bailer _____
 Stainless Steel Bailer _____
 Stack Pump _____
 Suction Pump
 Grundfos _____
 Other: _____

Sampling Equipment:

Disposable Bailer
 Pressure Bailer _____
 Discrete Bailer _____
 Other: _____

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

Start Time (purge): 1035 Weather Conditions: Foggy
 Sample Time/Date: 1100 8-10-04 Water Color: clear Odor: yes
 Purging Flow Rate: 1 gpm. Sediment Description: _____
 Did well de-water? _____ If yes, Time: _____ Volume: _____ gal.

| Time (2400 hr.) | Volume (gal.) | pH | Conductivity (u mhos/cm) | Temperature (C/F) | D.O. (mg/L) | ORP (mV) |
|-----------------|---------------|-------------|--------------------------|-------------------|-------------|----------|
| <u>1045</u> | <u>3</u> | <u>6.87</u> | <u>0.92</u> | <u>71.2</u> | | |
| <u>1048</u> | <u>6</u> | <u>6.89</u> | <u>0.98</u> | <u>71.0</u> | | |
| <u>1051</u> | <u>9.5</u> | <u>6.92</u> | <u>0.99</u> | <u>71.4</u> | | |
| | | | | | | |
| | | | | | | |

LABORATORY INFORMATION

| SAMPLE ID | (#) CONTAINER | REFRIG. | PRESERV. TYPE | LABORATORY | ANALYSES |
|-------------|---------------------|------------|---------------|------------------|---|
| <u>MW-2</u> | <u>6 x voa vial</u> | <u>YES</u> | <u>HCL</u> | <u>LANCASTER</u> | <u>TPH-G(8015)/BTEX+MTBE(8260)/ETHANOL(8260) - OR</u> |
| | <u>x voa vial</u> | <u>YES</u> | <u>HCL</u> | <u>LANCASTER</u> | <u>TPH-G(8015)/BTEX+MTBE(8260)/5 OXYS+ETHANOL(8260)</u> |
| | | | | | |
| | | | | | |

COMMENTS:

Add/Replaced Lock: _____

Add/Replaced Plug: _____ Size: _____



GETTLER - RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-3322 Job Number: 386433
 Site Address: 7225 Bancroft Avenue Event Date: 8-10-04 (inclusive)
 City: Oakland, CA Sampler: Soc

Well ID: MW-3 Date Monitored: 8-10-04 Well Condition: o.k.

Well Diameter: 2 in.
 Total Depth: 32.91 ft.
 Depth to Water: 16.09 ft.
16.82

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

xVF 0.17 = 2.86 x3 case volume= Estimated Purge Volume: 9 gal.

Purge Equipment:
 Disposable Bailer _____
 Stainless Steel Bailer _____
 Stack Pump _____
 Suction Pump /
 Grundfos _____
 Other: _____

Sampling Equipment:
 Disposable Bailer /
 Pressure Bailer _____
 Discrete Bailer _____
 Other: _____

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

Start Time (purge): 1002 Weather Conditions: Foggy
 Sample Time/Date: 102618-10-04 Water Color: clear Odor: yes
 Purging Flow Rate: 1 gpm. Sediment Description: _____
 Did well de-water? _____ If yes, Time: _____ Volume: _____ gal.

| Time (2400 hr.) | Volume (gal.) | pH | Conductivity (u mhos/cm) | Temperature (CF) | D.O. (mg/L) | ORP (mV) |
|-----------------|---------------|-------------|--------------------------|------------------|-------------|----------|
| <u>1012</u> | <u>3</u> | <u>6.57</u> | <u>1.20</u> | <u>68.4</u> | | |
| <u>1015</u> | <u>6</u> | <u>6.62</u> | <u>1.26</u> | <u>69.0</u> | | |
| <u>1018</u> | <u>9</u> | <u>6.61</u> | <u>1.21</u> | <u>69.4</u> | | |
| | | | | | | |
| | | | | | | |

LABORATORY INFORMATION

| SAMPLE ID | (#) CONTAINER | REFRIG. | PRESERV. TYPE | LABORATORY | ANALYSES |
|-------------|---------------------|------------|---------------|------------------|---|
| <u>MW-3</u> | <u>6 x vva vial</u> | <u>YES</u> | <u>HCL</u> | <u>LANCASTER</u> | <u>TPH-G(8015)/BTEX+MTBE(8260)/ETHANOL(8260) - OR</u> |
| | <u>x vva vial</u> | <u>YES</u> | <u>HCL</u> | <u>LANCASTER</u> | <u>TPH-G(8015)/BTEX+MTBE(8260)/5.OXYS+ETHANOL(8260)</u> |
| | | | | | |
| | | | | | |

COMMENTS: _____

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



GETTLER - RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-3322
 Site Address: 7225 Bancroft Avenue
 City: Oakland, CA

Job Number: 386433
 Event Date: 8-10-04 (inclusive)
 Sampler: 50c

Well ID: MW-4
 Well Diameter: 2 in.
 Total Depth: 30.26 ft.
 Depth to Water: 16.47 ft.

Date Monitored: 8-10-04 Well Condition: o.k.

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

13.79 xVF 0.17 = 2.34 x3 case volume= Estimated Purge Volume: 7 gal.

Purge Equipment:

Disposable Bailer _____
 Stainless Steel Bailer _____
 Stack Pump _____
 Suction Pump ✓
 Grundfos _____
 Other: _____

Sampling Equipment:

Disposable Bailer ✓
 Pressure Bailer _____
 Discrete Bailer _____
 Other: _____

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

Start Time (purge): 0705 Weather Conditions: Foggy
 Sample Time/Date: 0730 8-10-04 Water Color: clear Odor: none
 Purging Flow Rate: 1 gpm. Sediment Description: _____
 Did well de-water? _____ If yes, Time: _____ Volume: _____ gal.

| Time (2400 hr.) | Volume (gal.) | pH | Conductivity (umhos/cm) ^{4.150} | Temperature (C/E) | D.O. (mg/L) | ORP (mV) |
|-----------------|---------------|-------------|--|-------------------|-------------|----------|
| <u>0713</u> | <u>2.5</u> | <u>7.07</u> | <u>6.06</u> | <u>71.1</u> | _____ | _____ |
| <u>0716</u> | <u>5</u> | <u>7.15</u> | <u>5.58</u> | <u>71.4</u> | _____ | _____ |
| <u>0719</u> | <u>7</u> | <u>7.15</u> | <u>5.52</u> | <u>71.0</u> | _____ | _____ |
| _____ | _____ | _____ | _____ | _____ | _____ | _____ |

LABORATORY INFORMATION

| SAMPLE ID | (#) CONTAINER | REFRIG. | PRESERV. TYPE | LABORATORY | ANALYSES |
|-------------|---------------------|---------|---------------|------------|--|
| <u>MW-4</u> | <u>6</u> x voa vial | YES | HCL | LANCASTER | TPH-G(8015)/BTEX+MTBE(8260)/ETHANOL(8260) - OR |
| | x voa vial | YES | HCL | LANCASTER | TPH-G(8015)/BTEX+MTBE(8260)/5 OXYS+ETHANOL(8260) |
| | | | | | |
| | | | | | |

COMMENTS:

Add/Replaced Lock: _____

Add/Replaced Plug: _____ Size: _____



GETTLER - RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-3322 Job Number: 386433
 Site Address: 7225 Bancroft Avenue Event Date: 8-10-04 (inclusive)
 City: Oakland, CA Sampler: Joe

Well ID: MW-5 Date Monitored: 8-10-04 Well Condition: O.K.
 Well Diameter: 2 in.
 Total Depth: 31.55 ft.
 Depth to Water: 17.08 ft.
14.47 xVF 0.17 = 2.46 x3 case volume = Estimated Purge Volume: 7.5 gal.

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

Purge Equipment:

Disposable Bailer _____
 Stainless Steel Bailer _____
 Stack Pump _____
 Suction Pump
 Grundfos _____
 Other: _____

Sampling Equipment:

Disposable Bailer
 Pressure Bailer _____
 Discrete Bailer _____
 Other: _____

Time Started: _____ (2400 hrs)
 Time Bailed: _____ (2400 hrs)
 Depth to Product: _____ ft
 Depth to Water: _____ ft
 Hydrocarbon Thickness: 0 ft
 Visual Confirmation/Description: _____

Skimmer / Absorbent Sock (circle one)
 Amt Removed from Skimmer: _____ gal
 Amt Removed from Well: _____ gal
 Water Removed: _____
 Product Transferred to: _____

Start Time (purge): 0630 Weather Conditions: clear
 Sample Time/Date: 0655 8-10-04 Water Color: clear Odor: none
 Purging Flow Rate: 1 gpm. Sediment Description: _____
 Did well de-water? _____ If yes, Time: _____ Volume: _____ gal.

| Time (2400 hr.) | Volume (gal.) | pH | Conductivity (u mhos/cm) | Temperature (C/R) | D.O. (mg/L) | ORP (mV) |
|-----------------|---------------|-------------|--------------------------|-------------------|-------------|----------|
| <u>0640</u> | <u>2.5</u> | <u>7.91</u> | <u>4.48</u> | <u>70.2</u> | _____ | _____ |
| <u>0643</u> | <u>5</u> | <u>7.60</u> | <u>4.45</u> | <u>69.9</u> | _____ | _____ |
| <u>0647</u> | <u>7.5</u> | <u>7.64</u> | <u>4.38</u> | <u>70.6</u> | _____ | _____ |
| _____ | _____ | _____ | _____ | _____ | _____ | _____ |

LABORATORY INFORMATION

| SAMPLE ID | (#) CONTAINER | REFRIG. | PRESERV. TYPE | LABORATORY | ANALYSES |
|-------------|---------------------|------------|---------------|------------------|--|
| <u>MW-5</u> | <u>6</u> x voa vial | <u>YES</u> | <u>HCL</u> | <u>LANCASTER</u> | <u>TPH-G(8015)/BTX+MTBE(8260)/ETHANOL(8260) - OR</u> |
| | <u>x-voa vial</u> | <u>YES</u> | <u>HCL</u> | <u>LANCASTER</u> | <u>TPH-G(8015)/BTX+MTBE(8260)/5-OXYS+ETHANOL(8260)</u> |
| | | | | | |
| | | | | | |

COMMENTS:

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



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-3322 Job Number: 386433
 Site Address: 7225 Bancroft Avenue Event Date: 8-10-04 (inclusive)
 City: Oakland, CA Sampler: Joc

Well ID: MW-6 Date Monitored: 8-10-04 Well Condition: _____
 Well Diameter: 2 in.
 Total Depth: 31.25 ft.
 Depth to Water: 16.64 ft.
14.61 xVF 0.17 = 2.48 x3 case volume = Estimated Purge Volume: 7.5 gal.

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

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

Sampling Equipment:
 Disposable Bailer _____
 Pressure Bailer _____
 Discrete Bailer _____
 Other: _____

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

Start Time (purge): 0930 Weather Conditions: Foggy
 Sample Time/Date: 0955 8-10-04 Water Color: clear Odor: slightly mild
 Purging Flow Rate: 1 gpm. Sediment Description: _____
 Did well de-water? _____ If yes, Time: _____ Volume: _____ gal.

| Time (2400 hr.) | Volume (gal.) | pH | Conductivity (umhos/cm) ¹⁰⁰⁰ | Temperature (C/E) | D.O. (mg/L) | ORP (mV) |
|-----------------|---------------|-------------|---|-------------------|-------------|----------|
| <u>0938</u> | <u>2.5</u> | <u>6.96</u> | <u>2.02</u> | <u>71.0</u> | _____ | _____ |
| <u>0941</u> | <u>5</u> | <u>6.91</u> | <u>1.94</u> | <u>71.0</u> | _____ | _____ |
| <u>0944</u> | <u>7.5</u> | <u>6.89</u> | <u>1.87</u> | <u>71.1</u> | _____ | _____ |
| _____ | _____ | _____ | _____ | _____ | _____ | _____ |

LABORATORY INFORMATION

| SAMPLE ID | (#) CONTAINER | REFRIG. | PRESERV. TYPE | LABORATORY | ANALYSES |
|-------------|---------------------|------------|---------------|------------|--|
| <u>MW-6</u> | <u>6</u> x voa vial | YES | HCL | LANCASTER | TPH-G(8015)/BTEX+MTBE(8260)/ETHANOL(8260) - OR |
| | <u>x voa vial</u> | <u>YES</u> | HCL | LANCASTER | TPH-G(8015)/BTEX+MTBE(8260)/5-OXYS-ETHANOL(8260) |
| | | | | | |

COMMENTS: _____

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



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-3322 Job Number: 386433
 Site Address: 7225 Bancroft Avenue Event Date: 8-10-04 (inclusive)
 City: Oakland, CA Sampler: See

Well ID: MW-8 Date Monitored: 8-10-04 Well Condition: o.k.
 Well Diameter: 2 in.
 Total Depth: 29.94 ft.
 Depth to Water: 15.65 ft.
14.29 xVF 0.17 = 2.43 x3 case volume = Estimated Purge Volume: 7.5 gal.

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

Purge Equipment:

Disposable Bailer _____
 Stainless Steel Bailer _____
 Stack Pump _____
 Suction Pump _____
 Grundfos _____
 Other: _____

Sampling Equipment:

Disposable Bailer _____
 Pressure Bailer _____
 Discrete Bailer _____
 Other: _____

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

Start Time (purge): 0846 Weather Conditions: Tranquil Clear
 Sample Time/Date: 0920 8-10-04 Water Color: clear Odor: mild
 Purging Flow Rate: 1 gpm. Sediment Description: _____
 Did well de-water? _____ If yes, Time: _____ Volume: _____ gal.

| Time (2400 hr.) | Volume (gal.) | pH | Conductivity (umhos/cm) | Temperature (C/F) | D.O. (mg/L) | ORP (mV) |
|-----------------|---------------|-------------|-------------------------|-------------------|-------------|----------|
| <u>0904</u> | <u>2.5</u> | <u>7.08</u> | <u>2.45</u> | <u>69.9</u> | | |
| <u>0907</u> | <u>5</u> | <u>6.86</u> | <u>2.42</u> | <u>70.6</u> | | |
| <u>0910</u> | <u>7.5</u> | <u>6.84</u> | <u>2.51</u> | <u>70.7</u> | | |
| | | | | | | |
| | | | | | | |

LABORATORY INFORMATION

| SAMPLE ID | (#) CONTAINER | REFRIG. | PRESERV. TYPE | LABORATORY | ANALYSES |
|-----------|---------------------|---------|---------------|------------|--|
| MW-8 | <u>2</u> x voa vial | YES | HCL | LANCASTER | TPH-G(8015)/BTEX+MTBE(8260)/ETHANOL(8260) - OR - |
| | <u>6</u> x voa vial | YES | HCL | LANCASTER | TPH-G(8015)/BTEX+MTBE(8260)/5 OXYS+ETHANOL(8260) |
| | | | | | |
| | | | | | |

COMMENTS:

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



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-3322 Job Number: 386433
 Site Address: 7225 Bancroft Avenue Event Date: 8-10-04 (inclusive)
 City: Oakland, CA Sampler: See

Well ID: MW-9 Date Monitored: 8-10-04 Well Condition: OK
 Well Diameter: 2 in.
 Total Depth: 19.96 ft.
 Depth to Water: 14.58 ft.
5.38 xVF 0.17 = 0.91 x3 case volume = Estimated Purge Volume: 3 gal.

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

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

Sampling Equipment:
 Disposable Bailer
 Pressure Bailer
 Discrete Bailer
 Other:

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

Start Time (purge): 0815 Weather Conditions: Frogyy
 Sample Time/Date: 0835 8-10-04 Water Color: clear Odor: none
 Purging Flow Rate: 0.6 gpm. Sediment Description: _____
 Did well de-water? _____ If yes, Time: _____ Volume: _____ gal.

| Time (2400 hr.) | Volume (gal.) | pH | Conductivity (umhos/cm) ¹⁵⁰ | Temperature (C/F) | D.O. (mg/L) | ORP (mV) |
|-----------------|---------------|-------------|--|-------------------|-------------|----------|
| <u>0822</u> | <u>1</u> | <u>7.18</u> | <u>7.91</u> | <u>64.2</u> | | |
| <u>0825</u> | <u>2</u> | <u>7.26</u> | <u>7.94</u> | <u>63.8</u> | | |
| <u>0827</u> | <u>3</u> | <u>7.21</u> | <u>7.92</u> | <u>64.3</u> | | |
| | | | | | | |
| | | | | | | |

LABORATORY INFORMATION

| SAMPLE ID | (#) CONTAINER | REFRIG. | PRESERV. TYPE | LABORATORY | ANALYSES |
|-------------|---------------------|------------|---------------|------------------|---|
| <u>MW-9</u> | <u>2 x voa vial</u> | <u>YES</u> | <u>HCL</u> | <u>LANCASTER</u> | <u>TPH-G(8015)/BTEX+MTBE(8260)/ETHANOL(8260) - OR</u> |
| | <u>6 x voa vial</u> | <u>YES</u> | <u>HCL</u> | <u>LANCASTER</u> | <u>TPH-G(8015)/BTEX+MTBE(8260)/5 OXYS+ETHANOL(8260)</u> |
| | | | | | |
| | | | | | |

COMMENTS: _____

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



GETTLER - RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-3322 Job Number: 386433
 Site Address: 7225 Bancroft Avenue Event Date: 8-10-04 (inclusive)
 City: Oakland, CA Sampler: Joc

Well ID: MW-10 Date Monitored: 8-10-04 Well Condition: OK

Well Diameter: 2 in.

Total Depth: 29.89 ft.

Depth to Water: 15.45 ft.

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

14.44 xVF 0.17 = 2.45 x3 case volume= Estimated Purge Volume: 7.5 gal.

Purge Equipment:

Disposable Bailer _____
 Stainless Steel Bailer _____
 Stack Pump _____
 Suction Pump
 Grundfos _____
 Other: _____

Sampling Equipment:

Disposable Bailer
 Pressure Bailer _____
 Discrete Bailer _____
 Other: _____

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

Start Time (purge): 0730 Weather Conditions: Foggy
 Sample Time/Date: 0808 18-10-04 Water Color: clear Odor: none
 Purging Flow Rate: 1 gpm. Sediment Description: _____
 Did well de-water? _____ If yes, Time: _____ Volume: _____ gal.

| Time (2400 hr.) | Volume (gal.) | pH | Conductivity (u mhos/cm) | Temperature (C/F) | D.O. (mg/L) | ORP (mV) |
|-----------------|---------------|-------------|--------------------------|-------------------|-------------|----------|
| <u>0750</u> | <u>2.5</u> | <u>7.42</u> | <u>5.08</u> | <u>71.2</u> | | |
| <u>0753</u> | <u>5</u> | <u>7.50</u> | <u>4.91</u> | <u>71.1</u> | | |
| <u>0756</u> | <u>7.5</u> | <u>7.58</u> | <u>4.87</u> | <u>70.6</u> | | |
| | | | | | | |
| | | | | | | |

LABORATORY INFORMATION

| SAMPLE ID | (#) CONTAINER | REFRIG. | PRESERV. TYPE | LABORATORY | ANALYSES |
|--------------|----------------------|------------|---------------|------------------|---|
| <u>MW-10</u> | <u>1 x voa vial</u> | <u>YES</u> | <u>HCL</u> | <u>LANCASTER</u> | <u>TPH-G(8015)/BTEX+MTBE(8260)/ETHANOL(8260) - OR</u> |
| | <u>10 x voa vial</u> | <u>YES</u> | <u>HCL</u> | <u>LANCASTER</u> | <u>TPH-G(8015)/BTEX+MTBE(8260)/5 OXYS+ETHANOL(8260)</u> |
| | | | | | |
| | | | | | |

COMMENTS:

Add/Replaced Lock: _____

Add/Replaced Plug: _____ Size: _____

Chevron California Region Analysis Request/Chain of Custody



081104-07

Acct. #: 10904

For Lancaster Laboratories use only
Sample #: 43291000-615

GROUP# 907569
SCR#:

Facility #: SS#9-3322 G-R#386433 Global ID#T0600102079
 Site Address: 7225 BANCROFT AVENUE, OAKLAND, CA
 Chevron PM: KS Lead Consultant: GAMBRIAKT
 Consultant/Office: G-R, Inc., 6747 Sierra Court, Suite J, Dublin, Ca. 94568
 Consultant Prj. Mgr.: Deanna L. Harding (deanna@grinc.com)
 Consultant Phone: 925-551-7555 Fax: 925-551-7899
 Sampler: JOE ASEMIAN
 Service Order #: _____ Non SAR:

| Matrix | Analyses Requested | | | | | | | |
|--|---|----------------------------|----------------------------------|---|------------------|------------------|--------------------|-------------|
| | Preservation Codes | | | | | | | |
| Potable <input type="checkbox"/> NPDES Water <input type="checkbox"/> | Oil <input type="checkbox"/> Air <input type="checkbox"/> | Total Number of Containers | H | K | X | H | | |
| | | | Soil <input type="checkbox"/> | 8260 MTBE 8260 <input checked="" type="checkbox"/> 8021 | TPH 8015 MOD GRO | TPH 8015 MOD DRO | Silica Gel Cleanup | 8260 M scan |

Preservative Codes
 H = HCl T = Thiosulfate
 M = HNO₃ B = NaOH
 S = H₂SO₄ 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 | 8260 MTBE 8260 | TPH 8015 MOD GRO | TPH 8015 MOD DRO | Silica Gel Cleanup | 8260 M scan | Organics (8260) | Lead 7420 | 7421 | Ethanol (8260) |
|-----------------------|----------------|----------------|-------------------------------------|-----------|------|-------------------------------------|-----|-----|----------------------------|-------------------------------------|-------------------------------------|------------------|--------------------|-------------|-------------------------------------|-----------|------|-------------------------------------|
| QA | - | - | <input checked="" type="checkbox"/> | | | <input checked="" type="checkbox"/> | | | 2 | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | | | | | | | |
| MW-1 | 8-10-04 | 1135 | | | | | | | 6 | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | | | | | | | <input checked="" type="checkbox"/> |
| MW-2 | | 1100 | | | | | | | 6 | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | | | | | | | <input checked="" type="checkbox"/> |
| MW-3 | | 1026 | | | | | | | 6 | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | | | | | | | <input checked="" type="checkbox"/> |
| MW-4 | | 0730 | | | | | | | 6 | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | | | | | | | <input checked="" type="checkbox"/> |
| MW-5 | | 0655 | | | | | | | 6 | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | | | | | | | <input checked="" type="checkbox"/> |
| MW-6 | | 0955 | | | | | | | 6 | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | | | | | | | <input checked="" type="checkbox"/> |
| MW-8 | | 0920 | | | | | | | 6 | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | | | | <input checked="" type="checkbox"/> | | | <input checked="" type="checkbox"/> |
| MW-9 | | 0835 | | | | | | | 6 | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | | | | <input checked="" type="checkbox"/> | | | <input checked="" type="checkbox"/> |
| MW-10 | | 0808 | <input checked="" type="checkbox"/> | | | | | | 6 | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | | | | <input checked="" type="checkbox"/> | | | <input checked="" type="checkbox"/> |

Comments / Remarks

Turnaround Time Requested (TAT) (please circle)
 STD. TAT 72 hour 48 hour
 24 hour 4 day 5 day

Data Package Options (please circle if required)
 QC Summary Type I — Full
 Type VI (Raw Data) Coelt Deliverable not needed
 WIP (RWOCB)
 Disk

| | | | | | |
|--|----------------------|----------------------|---------------------------------|---|-----------------------------|
| Relinquished by: <u>[Signature]</u> | Date: <u>8-10-04</u> | Time: <u>1435</u> | Received by: <u>[Signature]</u> | Date: <u>8/11/04</u> | Time: <u>1105</u> |
| Relinquished by: <u>[Signature]</u> | Date: <u>8/11/04</u> | Time: <u>[Blank]</u> | Received by: <u>[Signature]</u> | Date: <u>8/11/04</u> | Time: <u>1230</u> |
| Relinquished by: <u>[Signature]</u> | Date: <u>8/11/04</u> | Time: <u>1630</u> | Received by: <u>DHL</u> | Date: <u>8/11/04</u> | Time: <u>[Blank]</u> |
| Relinquished by Commercial Carrier: <u>Other</u> | UPS | FedEx | Received by: <u>[Signature]</u> | Date: <u>8/12/04</u> | Time: <u>0845</u> |
| Temperature Upon Receipt: <u>2-4.5C</u> | | | 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

SAMPLE GROUP

The sample group for this submittal is 907569. Samples arrived at the laboratory on Thursday, August 12, 2004. The PO# for this group is 99011184 and the release number is STREICH.

| <u>Client Description</u> | | <u>Lancaster Labs Number</u> |
|---------------------------|------------|------------------------------|
| QA-T-040810 | NA Water | 4329606 |
| MW-1-W-040810 | Grab Water | 4329607 |
| MW-2-W-040810 | Grab Water | 4329608 |
| MW-3-W-040810 | Grab Water | 4329609 |
| MW-4-W-040810 | Grab Water | 4329610 |
| MW-5-W-040810 | Grab Water | 4329611 |
| MW-6-W-040810 | Grab Water | 4329612 |
| MW-8-W-040810 | Grab Water | 4329613 |
| MW-9-W-040810 | Grab Water | 4329614 |
| MW-10-W-040810 | Grab Water | 4329615 |

1 COPY TO
ELECTRONIC
COPY TO

Cambria C/O Gettler- Ryan
Gettler-Ryan

Attn: Deanna L. Harding
Attn: Cheryl Hansen



Analysis Report

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2661 • www.lancasterlabs.com

Questions? Contact your Client Services Representative
Megan A Moeller at (717) 656-2300.

Respectfully Submitted,

A handwritten signature in cursive script that reads "Victoria M. Martell".

Victoria M. Martell
Chemist



Analysis Report

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

Page 1 of 1

Lancaster Laboratories Sample No. WW 4329606

QA-T-040810 NA Water
 Facility# 93322 Job# 386433 GRD
 7225 Bancroft-Oakland T0600102079 QA
 Collected: 08/10/2004

Account Number: 10904

Submitted: 08/12/2004 08:45
 Reported: 08/24/2004 at 18:24
 Discard: 09/24/2004

ChevronTexaco
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

BANQA

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

State of California Lab Certification No. 2116

Laboratory Chronicle

| CAT No. | Analysis Name | Method | Trial# | Analysis | | Analyst | Dilution Factor |
|---------|----------------------|----------------------------|--------|------------|-------|---------------------------|-----------------|
| | | | | Date | Time | | |
| 01728 | TPH-GRO - Waters | N. CA LUFT Gasoline Method | 1 | 08/16/2004 | 00:24 | K. Robert Caulfeild-James | 1 |
| 06054 | BTEX+MTBE by 8260B | SW-846 8260B | 1 | 08/18/2004 | 09:57 | Anita M Dale | 1 |
| 01146 | GC VOA Water Prep | SW-846 5030B | 1 | 08/16/2004 | 00:24 | K. Robert Caulfeild-James | n.a. |
| 01163 | GC/MS VOA Water Prep | SW-846 5030B | 1 | 08/18/2004 | 09:57 | Anita M Dale | n.a. |

Lancaster Laboratories Sample No. **WW 4329607**

 MW-1-W-040810 **Grab Water**
 Facility# 93322 Job# 386433 **GRD**
 7225 Bancroft-Oakland **T0600102079 MW-1**
 Collected: 08/10/2004 11:35 **by JA**

Account Number: 10904

 Submitted: 08/12/2004 08:45
 Reported: 08/24/2004 at 18:24
 Discard: 09/24/2004

 ChevronTexaco
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

BANM1

| CAT No. | Analysis Name | CAS Number | As Received Result | As Received Method Detection Limit | Units | Dilution Factor |
|---|--------------------------------|------------|--------------------|------------------------------------|-------|-----------------|
| 01728 | TPH-GRO - Waters | n.a. | 100,000. | 10,000. | ug/l | 200 |
| The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. | | | | | | |
| 01594 | BTEX+5 Oxygenates+EDC+EDB+ETOH | | | | | |
| 01587 | Ethanol | 64-17-5 | N.D. | 2,500. | ug/l | 50 |
| 02010 | Methyl Tertiary Butyl Ether | 1634-04-4 | N.D. | 25. | ug/l | 50 |
| 05401 | Benzene | 71-43-2 | 14,000. | 250. | ug/l | 500 |
| 05407 | Toluene | 108-88-3 | 8,700. | 25. | ug/l | 50 |
| 05415 | Ethylbenzene | 100-41-4 | 3,200. | 25. | ug/l | 50 |
| 06310 | Xylene (Total) | 1330-20-7 | 17,000. | 25. | ug/l | 50 |

The reporting limits for the GC/MS volatile compounds were raised because sample dilution was necessary to bring target compounds into the calibration range of the system.

State of California Lab Certification No. 2116

Laboratory Chronicle

| CAT No. | Analysis Name | Method | Trial# | Analysis | | Analyst | Dilution Factor |
|---------|--------------------------------|----------------------------|--------|------------|-------|---------------------------|-----------------|
| | | | | Date | Time | | |
| 01728 | TPH-GRO - Waters | N. CA LUFT Gasoline Method | 1 | 08/17/2004 | 14:31 | K. Robert Caulfeild-James | 200 |
| 01594 | BTEX+5 Oxygenates+EDC+EDB+ETOH | SW-846 8260B | 1 | 08/19/2004 | 18:34 | Anita M Dale | 50 |
| 01594 | BTEX+5 Oxygenates+EDC+EDB+ETOH | SW-846 8260B | 1 | 08/19/2004 | 18:55 | Anita M Dale | 500 |
| 01146 | GC VOA Water Prep | SW-846 5030B | 1 | 08/17/2004 | 14:31 | K. Robert Caulfeild-James | n.a. |
| 01163 | GC/MS VOA Water Prep | SW-846 5030B | 1 | 08/19/2004 | 18:34 | Anita M Dale | n.a. |

Lancaster Laboratories Sample No. WW 4329608

MW-2-W-040810 Grab Water
 Facility# 93322 Job# 386433 GRD
 7225 Bancroft-Oakland T0600102079 MW-2
 Collected: 08/10/2004 11:00 by JA

Account Number: 10904

Submitted: 08/12/2004 08:45
 Reported: 08/24/2004 at 18:24
 Discard: 09/24/2004

ChevronTexaco
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

BANM2

| CAT No. | Analysis Name | CAS Number | As Received Result | As Received Method Detection Limit | Units | Dilution Factor |
|---|--------------------------------|------------|--------------------|------------------------------------|-------|-----------------|
| 01728 | TPH-GRO - Waters | n.a. | 11,000. | 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. | | | | | | |
| 01594 | BTEX+5 Oxygenates+EDC+EDB+ETOH | | | | | |
| 01587 | Ethanol | 64-17-5 | N.D. | 100. | ug/l | 2 |
| 02010 | Methyl Tertiary Butyl Ether | 1634-04-4 | 35. | 1. | ug/l | 2 |
| 05401 | Benzene | 71-43-2 | 8. | 1. | ug/l | 2 |
| 05407 | Toluene | 108-88-3 | 1. | 1. | ug/l | 2 |
| 05415 | Ethylbenzene | 100-41-4 | 340. | 1. | ug/l | 2 |
| 06310 | Xylene (Total) | 1330-20-7 | 1,100. | 10. | ug/l | 20 |
| The reporting limits for the GC/MS volatile compounds were raised because sample dilution was necessary to bring target compounds into the calibration range of the system. | | | | | | |

State of California Lab Certification No. 2116

Laboratory Chronicle

| CAT No. | Analysis Name | Method | Trial# | Analysis | | Analyst | Dilution Factor |
|---------|--------------------------------|---------------------|--------|------------|-------|---------------------------|-----------------|
| | | | | Date | Time | | |
| 01728 | TPH-GRO - Waters | N. CA LUFT Gasoline | 1 | 08/16/2004 | 04:59 | K. Robert Caulfeild-James | 5 |
| 01594 | BTEX+5 Oxygenates+EDC+EDB+ETOH | SW-846 8260B | 1 | 08/17/2004 | 15:36 | Anita M Dale | 2 |
| 01594 | BTEX+5 Oxygenates+EDC+EDB+ETOH | SW-846 8260B | 1 | 08/17/2004 | 16:06 | Anita M Dale | 20 |
| 01146 | GC VOA Water Prep | SW-846 5030B | 1 | 08/16/2004 | 04:59 | K. Robert Caulfeild-James | n.a. |
| 01163 | GC/MS VOA Water Prep | SW-846 5030B | 1 | 08/17/2004 | 15:36 | Anita M Dale | n.a. |



Analysis Report

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Lancaster Laboratories Sample No. **WW 4329609**

MW-3-W-040810 Grab Water
 Facility# 93322 Job# 386433 GRD
 7225 Bancroft-Oakland T0600102079 MW-3
 Collected: 08/10/2004 10:26 by JA

Account Number: 10904

Submitted: 08/12/2004 08:45
 Reported: 08/24/2004 at 18:24
 Discard: 09/24/2004

ChevronTexaco
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

BANM3

| CAT No. | Analysis Name | CAS Number | As Received Result | As Received Method Detection Limit | Units | Dilution Factor |
|---------|---|------------|--------------------|------------------------------------|-------|-----------------|
| 01728 | TPH-GRO - Waters | n.a. | 1,600. | 50. | ug/l | 1 |
| | The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. | | | | | |
| 01594 | BTEX+5 Oxygenates+EDC+EDB+ETOH | | | | | |
| 01587 | Ethanol | 64-17-5 | N.D. | 100. | ug/l | 2 |
| 02010 | Methyl Tertiary Butyl Ether | 1634-04-4 | 500. | 10. | ug/l | 20 |
| 05401 | Benzene | 71-43-2 | 70. | 1. | ug/l | 2 |
| 05407 | Toluene | 108-88-3 | 9. | 1. | ug/l | 2 |
| 05415 | Ethylbenzene | 100-41-4 | 86. | 1. | ug/l | 2 |
| 06310 | Xylene (Total) | 1330-20-7 | 62. | 1. | ug/l | 2 |
| | Due to the level of methyl tertiary butyl ether, the reporting limits for all GC/MS volatile compounds were raised. | | | | | |

State of California Lab Certification No. 2116

Laboratory Chronicle

| CAT No. | Analysis Name | Method | Trial# | Analysis Date and Time | Analyst | Dilution Factor |
|---------|--------------------------------|----------------------------|--------|------------------------|---------------------------|-----------------|
| 01728 | TPH-GRO - Waters | N. CA LUFT Gasoline Method | 1 | 08/16/2004 03:58 | K. Robert Caulfeild-James | 1 |
| 01594 | BTEX+5 Oxygenates+EDC+EDB+ETOH | SW-846 8260B | 1 | 08/17/2004 16:32 | Anita M Dale | 2 |
| 01594 | BTEX+5 Oxygenates+EDC+EDB+ETOH | SW-846 8260B | 1 | 08/17/2004 16:59 | Anita M Dale | 20 |
| 01146 | GC VOA Water Prep | SW-846 5030B | 1 | 08/16/2004 03:58 | K. Robert Caulfeild-James | n.a. |
| 01163 | GC/MS VOA Water Prep | SW-846 5030B | 1 | 08/17/2004 16:32 | Anita M Dale | n.a. |



Analysis Report

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Page 1 of 1

Lancaster Laboratories Sample No. WW 4329610

MW-4-W-040810 Grab Water GRD
Facility# 93322 Job# 386433
7225 Bancroft-Oakland T0600102079 MW-4
Collected: 08/10/2004 07:30 by JA

Account Number: 10904

Submitted: 08/12/2004 08:45
Reported: 08/24/2004 at 18:24
Discard: 09/24/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

BANM4

| CAT No. | Analysis Name | CAS Number | As Received Result | As Received | | Units | Dilution Factor |
|---------|---|------------|--------------------|-------------|-----------------|-------|-----------------|
| | | | | Method | Detection Limit | | |
| 01728 | TPH-GRO - Waters | n.a. | N.D. | 50. | | ug/l | 1 |
| | The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. | | | | | | |
| 01594 | BTEX+5 Oxygenates+EDC+EDB+ETOH | | | | | | |
| 01587 | Ethanol | 64-17-5 | N.D. | 50. | | ug/l | 1 |
| 02010 | Methyl Tertiary Butyl Ether | 1634-04-4 | N.D. | 0.5 | | ug/l | 1 |
| 05401 | Benzene | 71-43-2 | N.D. | 0.5 | | ug/l | 1 |
| 05407 | Toluene | 108-88-3 | N.D. | 0.5 | | ug/l | 1 |
| 05415 | Ethylbenzene | 100-41-4 | N.D. | 0.5 | | ug/l | 1 |
| 06310 | Xylene (Total) | 1330-20-7 | N.D. | 0.5 | | ug/l | 1 |

State of California Lab Certification No. 2116

Laboratory Chronicle

| CAT No. | Analysis Name | Method | Trial# | Analysis | | Analyst | Dilution Factor |
|---------|--------------------------------|----------------------------|--------|------------------|--|---------------------------|-----------------|
| | | | | Date and Time | | | |
| 01728 | TPH-GRO - Waters | N. CA LUFT Gasoline Method | 1 | 08/16/2004 00:55 | | K. Robert Caulfeild-James | 1 |
| 01594 | BTEX+5 Oxygenates+EDC+EDB+ETOH | SW-846 8260B | 1 | 08/17/2004 17:24 | | Anita M Dale | 1 |
| 01146 | GC VOA Water Prep | SW-846 5030B | 1 | 08/16/2004 00:55 | | K. Robert Caulfeild-James | n.a. |
| 01163 | GC/MS VOA Water Prep | SW-846 5030B | 1 | 08/17/2004 17:24 | | Anita M Dale | n.a. |



Analysis Report

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Lancaster Laboratories Sample No. WW 4329611

MW-5-W-040810 Grab Water
 Facility# 93322 Job# 386433 GRD
 7225 Bancroft-Oakland T0600102079 MW-5
 Collected: 08/10/2004 06:55 by JA

Account Number: 10904

Submitted: 08/12/2004 08:45
 Reported: 08/24/2004 at 18:24
 Discard: 09/24/2004

ChevronTexaco
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

BANM5

| CAT No. | Analysis Name | CAS Number | As Received Result | As Received | Units | Dilution Factor |
|---------|---|------------|--------------------|-------------------------|-------|-----------------|
| | | | | Method | | |
| 01728 | TPH-GRO - Waters | n.a. | N.D. | 50.0 Detection Limit | ug/l | 1 |
| | The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. | | | | | |
| 01594 | BTEX+5 Oxygenates+EDC+EDB+ETOH | | | | | |
| 01587 | Ethanol | 64-17-5 | N.D. | 50.0 | ug/l | 1 |
| 02010 | Methyl Tertiary Butyl Ether | 1634-04-4 | N.D. | 0.5 | ug/l | 1 |
| 05401 | Benzene | 71-43-2 | N.D. | 0.5 | ug/l | 1 |
| 05407 | Toluene | 108-88-3 | N.D. | 0.5 | ug/l | 1 |
| 05415 | Ethylbenzene | 100-41-4 | N.D. | 0.5 | ug/l | 1 |
| 06310 | Xylene (Total) | 1330-20-7 | N.D. | 0.5 | ug/l | 1 |

State of California Lab Certification No. 2116

Laboratory Chronicle

| CAT No. | Analysis Name | Method | Trial# | Analysis | Analyst | Dilution Factor |
|---------|--------------------------------|----------------------------|--------|------------------|---------------------------|-----------------|
| | | | | Date and Time | | |
| 01728 | TPH-GRO - Waters | N. CA LUFT Gasoline Method | 1 | 08/16/2004 01:26 | K. Robert Caulfeild-James | 1 |
| 01594 | BTEX+5 Oxygenates+EDC+EDB+ETOH | SW-846 8260B | 1 | 08/17/2004 17:50 | Anita M Dale | 1 |
| 01146 | GC VOA Water Prep | SW-846 5030B | 1 | 08/16/2004 01:26 | K. Robert Caulfeild-James | n.a. |
| 01163 | GC/MS VOA Water Prep | SW-846 5030B | 1 | 08/17/2004 17:50 | Anita M Dale | n.a. |



Analysis Report

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Page 1 of 1

Lancaster Laboratories Sample No. WW 4329612

MW-6-W-040810 Grab Water
Facility# 93322 Job# 386433 GRD
7225 Bancroft-Oakland T0600102079 MW-6
Collected: 08/10/2004 09:55 by JA

Account Number: 10904

Submitted: 08/12/2004 08:45
Reported: 08/24/2004 at 18:24
Discard: 09/24/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

BANM6

| CAT No. | Analysis Name | CAS Number | As Received Result | As Received | | Units | Dilution Factor |
|---------|---|------------|--------------------|-------------|-----------------|-------|-----------------|
| | | | | Method | Detection Limit | | |
| 01728 | TPH-GRO - Waters | n.a. | 430. | | 50. | ug/l | 1 |
| | The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. | | | | | | |
| 01594 | BTEX+5 Oxygenates+EDC+EDB+ETOH | | | | | | |
| 01587 | Ethanol | 64-17-5 | N.D. | | 50. | ug/l | 1 |
| 02010 | Methyl Tertiary Butyl Ether | 1634-04-4 | 140. | | 0.5 | ug/l | 1 |
| 05401 | Benzene | 71-43-2 | 46. | | 0.5 | ug/l | 1 |
| 05407 | Toluene | 108-88-3 | N.D. | | 0.5 | ug/l | 1 |
| 05415 | Ethylbenzene | 100-41-4 | 3. | | 0.5 | ug/l | 1 |
| 06310 | Xylene (Total) | 1330-20-7 | N.D. | | 0.5 | ug/l | 1 |

State of California Lab Certification No. 2116

Laboratory Chronicle

| CAT No. | Analysis Name | Method | Analysis | | Analyst | Dilution Factor |
|---------|--------------------------------|----------------------------|----------|------------------|---------------------------|-----------------|
| | | | Trial# | Date and Time | | |
| 01728 | TPH-GRO - Waters | N. CA LUFT Gasoline Method | 1 | 08/16/2004 01:56 | K. Robert Caulfeild-James | 1 |
| 01594 | BTEX+5 Oxygenates+EDC+EDB+ETOH | SW-846 8260B | 1 | 08/17/2004 18:56 | Anita M Dale | 1 |
| 01146 | GC VOA Water Prep | SW-846 5030B | 1 | 08/16/2004 01:56 | K. Robert Caulfeild-James | n.a. |
| 01163 | GC/MS VOA Water Prep | SW-846 5030B | 1 | 08/17/2004 18:56 | Anita M Dale | n.a. |

Lancaster Laboratories Sample No. WW 4329613

 MW-8-W-040810 Grab Water
 Facility# 93322 Job# 386433 GRD
 7225 Bancroft-Oakland T0600102079 MW-8
 Collected: 08/10/2004 09:20 by JA

Account Number: 10904

 Submitted: 08/12/2004 08:45
 Reported: 08/24/2004 at 18:24
 Discard: 09/24/2004

 ChevronTexaco
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

BANM8

| CAT No. | Analysis Name | CAS Number | As Received Result | As Received | | Units | Dilution Factor |
|---------|---|------------|--------------------|-------------|-----------------|-------|-----------------|
| | | | | Method | Detection Limit | | |
| 01728 | TPH-GRO - Waters | n.a. | 80. | 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. | | | | | | |
| 06059 | ETEX+5 Oxygenates+ETOH | | | | | | |
| 01587 | Ethanol | 64-17-5 | N.D. | 50. | | ug/l | 1 |
| 02010 | Methyl Tertiary Butyl Ether | 1634-04-4 | 0.8 | 0.5 | | ug/l | 1 |
| 02011 | di-Isopropyl ether | 108-20-3 | N.D. | 0.5 | | ug/l | 1 |
| 02013 | Ethyl t-butyl ether | 637-92-3 | N.D. | 0.5 | | ug/l | 1 |
| 02014 | t-Amyl methyl ether | 994-05-8 | N.D. | 0.5 | | ug/l | 1 |
| 02015 | t-Butyl alcohol | 75-65-0 | N.D. | 5. | | ug/l | 1 |
| 05401 | Benzene | 71-43-2 | N.D. | 0.5 | | ug/l | 1 |
| 05407 | Toluene | 108-88-3 | N.D. | 0.5 | | ug/l | 1 |
| 05415 | Ethylbenzene | 100-41-4 | N.D. | 0.5 | | ug/l | 1 |
| 06310 | Xylene (Total) | 1330-20-7 | N.D. | 0.5 | | ug/l | 1 |

State of California Lab Certification No. 2116

Laboratory Chronicle

| CAT No. | Analysis Name | Method | Trial# | Analysis | | Analyst | Dilution Factor |
|---------|------------------------|----------------------------|--------|------------|-------|---------------------------|-----------------|
| | | | | Date | Time | | |
| 01728 | TPH-GRO - Waters | N. CA LUPT Gasoline Method | 1 | 08/16/2004 | 02:27 | K. Robert Caulfeild-James | 1 |
| 06059 | ETEX+5 Oxygenates+ETOH | SW-846 8260B | 1 | 08/19/2004 | 22:45 | Marc S Neal | 1 |
| 01146 | GC VOA Water Prep | SW-846 5030B | 1 | 08/16/2004 | 02:27 | K. Robert Caulfeild-James | n.a. |
| 01163 | GC/MS VOA Water Prep | SW-846 5030B | 1 | 08/19/2004 | 22:45 | Marc S Neal | n.a. |

Lancaster Laboratories Sample No. WW 4329614

MW-9-W-040810 Grab Water
 Facility# 93322 Job# 386433 GRD
 7225 Bancroft-Oakland T0600102079 MW-9
 Collected: 08/10/2004 08:35 by JA

Account Number: 10904

Submitted: 08/12/2004 08:45
 Reported: 08/24/2004 at 18:24
 Discard: 09/24/2004

ChevronTexaco
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

BANM9

| CAT No. | Analysis Name | CAS Number | As Received | As Received | Units | Dilution Factor |
|---------|---|------------|-------------|------------------------|-------|-----------------|
| | | | Result | Method Detection Limit | | |
| 01728 | TPH-GRO - Waters | n.a. | 250. | 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. | | | | | |
| 06059 | BTEX+5 Oxygenates+ETOH | | | | | |
| 01587 | Ethanol | 64-17-5 | N.D. | 50. | ug/l | 1 |
| 02010 | Methyl Tertiary Butyl Ether | 1634-04-4 | 66. | 0.5 | ug/l | 1 |
| 02011 | di-Isopropyl ether | 108-20-3 | 0.9 | 0.5 | ug/l | 1 |
| 02013 | Ethyl t-butyl ether | 637-92-3 | N.D. | 0.5 | ug/l | 1 |
| 02014 | t-Amyl methyl ether | 994-05-8 | 3. | 0.5 | ug/l | 1 |
| 02015 | t-Butyl alcohol | 75-65-0 | N.D. | 5. | ug/l | 1 |
| 05401 | Benzene | 71-43-2 | 5. | 0.5 | ug/l | 1 |
| 05407 | Toluene | 108-88-3 | N.D. | 0.5 | ug/l | 1 |
| 05415 | Ethylbenzene | 100-41-4 | N.D. | 0.5 | ug/l | 1 |
| 06310 | Xylene (Total) | 1330-20-7 | N.D. | 0.5 | ug/l | 1 |

State of California Lab Certification No. 2116

Laboratory Chronicle

| CAT No. | Analysis Name | Method | Trial# | Analysis | Analyst | Dilution Factor |
|---------|------------------------|----------------------------|--------|------------------|---------------------------|-----------------|
| | | | | Date and Time | | |
| 01728 | TPH-GRO - Waters | N. CA LUFT Gasoline Method | 1 | 08/16/2004 02:57 | K. Robert Caulfeild-James | 1 |
| 06059 | BTEX+5 Oxygenates+ETOH | SW-846 8260B | 1 | 08/20/2004 00:03 | Marc S Neal | 1 |
| 01146 | GC VOA Water Prep | SW-846 5030B | 1 | 08/16/2004 02:57 | K. Robert Caulfeild-James | n.a. |
| 01163 | GC/MS VOA Water Prep | SW-846 5030B | 1 | 08/20/2004 00:03 | Marc S Neal | n.a. |

Lancaster Laboratories Sample No. WW 4329615

 MW-10-W-040810 Grab Water
 Facility# 93322 Job# 386433 GRD
 7225 Bancroft-Oakland T0600102079 MW-10
 Collected: 08/10/2004 08:08 by JA

Account Number: 10904

 Submitted: 08/12/2004 08:45
 Reported: 08/24/2004 at 18:24
 Discard: 09/24/2004

 ChevronTexaco
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

BAN10

| CAT No. | Analysis Name | CAS Number | As Received | As Received | Units | Dilution Factor |
|---------|---|------------|-------------|------------------------|-------|-----------------|
| | | | Result | Method Detection Limit | | |
| 01728 | TPH-GRO - Waters | n.a. | N.D. | 50. | ug/l | 1 |
| | The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. | | | | | |
| 06059 | BTEX+5 Oxygenates+ETOH | | | | | |
| 01587 | Ethanol | 64-17-5 | N.D. | 50. | ug/l | 1 |
| 02010 | Methyl Tertiary Butyl Ether | 1634-04-4 | 3. | 0.5 | ug/l | 1 |
| 02011 | di-Isopropyl ether | 108-20-3 | N.D. | 0.5 | ug/l | 1 |
| 02013 | Ethyl t-butyl ether | 637-92-3 | N.D. | 0.5 | ug/l | 1 |
| 02014 | t-Amyl methyl ether | 994-05-8 | N.D. | 0.5 | ug/l | 1 |
| 02015 | t-Butyl alcohol | 75-65-0 | N.D. | 5. | ug/l | 1 |
| 05401 | Benzene | 71-43-2 | N.D. | 0.5 | ug/l | 1 |
| 05407 | Toluene | 108-88-3 | N.D. | 0.5 | ug/l | 1 |
| 05415 | Ethylbenzene | 100-41-4 | N.D. | 0.5 | ug/l | 1 |
| 06310 | Xylene (Total) | 1330-20-7 | N.D. | 0.5 | ug/l | 1 |

State of California Lab Certification No. 2116

Laboratory Chronicle

| CAT No. | Analysis Name | Method | Analysis | | Analyst | Dilution Factor |
|---------|------------------------|----------------------------|----------|------------------|---------------------------|-----------------|
| | | | Trial# | Date and Time | | |
| 01728 | TPH-GRO - Waters | N. CA LUFT Gasoline Method | 1 | 08/16/2004 03:28 | K. Robert Caulfeild-James | 1 |
| 06059 | BTEX+5 Oxygenates+ETOH | SW-846 8260B | 1 | 08/20/2004 00:29 | Marc S Neal | 1 |
| 01146 | GC VOA Water Prep | SW-846 5030B | 1 | 08/16/2004 03:28 | K. Robert Caulfeild-James | n.a. |
| 01163 | GC/MS VOA Water Prep | SW-846 5030B | 1 | 08/20/2004 00:29 | Marc S Neal | n.a. |

Quality Control Summary

 Client Name: ChevronTexaco
 Reported: 08/24/04 at 06:24 PM

Group Number: 907569

Matrix QC may not be reported if site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

Laboratory Compliance Quality Control

| Analysis Name | Blank Result | Blank MDL | Report Units | LCS %REC | LCSD %REC | LCS/LCSD Limits | RPD | RPD Max |
|--|--------------|-----------|--|----------|-----------|-----------------|-----|---------|
| Batch number: 04227A16A TPH-GRO - Waters | N.D. | 50. | Sample number(s): 4329606, 4329608-4329615 ug/l | 91 | 94 | 70-130 | 4 | 30 |
| Batch number: 04229A16A TPH-GRO - Waters | N.D. | 50. | Sample number(s): 4329607 ug/l | 95 | 96 | 70-130 | 2 | 30 |
| Batch number: Z042301AA Ethanol | N.D. | 50. | Sample number(s): 4329608-4329611 ug/l | | 103 | 46-145 | | |
| Methyl Tertiary Butyl Ether | N.D. | 0.5 | ug/l | | 95 | 77-127 | | |
| Benzene | N.D. | 0.5 | ug/l | | 100 | 85-117 | | |
| Toluene | N.D. | 0.5 | ug/l | | 98 | 85-115 | | |
| Ethylbenzene | N.D. | 0.5 | ug/l | | 97 | 82-119 | | |
| Xylene (Total) | N.D. | 0.5 | ug/l | | 96 | 83-113 | | |
| Batch number: Z042302AA Ethanol | N.D. | 50. | Sample number(s): 4329612 ug/l | | 97 | 46-145 | | |
| Methyl Tertiary Butyl Ether | N.D. | 0.5 | ug/l | | 92 | 77-127 | | |
| Benzene | N.D. | 0.5 | ug/l | | 92 | 85-117 | | |
| Toluene | N.D. | 0.5 | ug/l | | 93 | 85-115 | | |
| Ethylbenzene | N.D. | 0.5 | ug/l | | 93 | 82-119 | | |
| Xylene (Total) | N.D. | 0.5 | ug/l | | 91 | 83-113 | | |
| Batch number: Z042311AA Methyl Tertiary Butyl Ether | N.D. | 0.5 | Sample number(s): 4329606 ug/l | | 98 | 77-127 | | |
| Benzene | N.D. | 0.5 | ug/l | | 103 | 85-117 | | |
| Toluene | N.D. | 0.5 | ug/l | | 104 | 85-115 | | |
| Ethylbenzene | N.D. | 0.5 | ug/l | | 104 | 82-119 | | |
| Xylene (Total) | N.D. | 0.5 | ug/l | | 100 | 83-113 | | |
| Batch number: Z042321AA Ethanol | N.D. | 50. | Sample number(s): 4329607 ug/l | | 105 | 46-145 | | |
| Methyl Tertiary Butyl Ether | N.D. | 0.5 | ug/l | | 91 | 77-127 | | |
| Benzene | N.D. | 0.5 | ug/l | | 95 | 85-117 | | |
| Toluene | N.D. | 0.5 | ug/l | | 98 | 85-115 | | |
| Ethylbenzene | N.D. | 0.5 | ug/l | | 98 | 82-119 | | |
| Xylene (Total) | N.D. | 0.5 | ug/l | | 96 | 83-113 | | |
| Batch number: Z042324AA Ethanol | N.D. | 50. | Sample number(s): 4329613-4329615 ug/l | | 97 | 46-145 | | |
| Methyl Tertiary Butyl Ether | N.D. | 0.5 | ug/l | | 91 | 77-127 | | |
| di-Isopropyl ether | N.D. | 0.5 | ug/l | | 93 | 67-130 | | |
| Ethyl t-butyl ether | N.D. | 0.5 | ug/l | | 91 | 74-120 | | |
| t-Amyl methyl ether | N.D. | 0.5 | ug/l | | 86 | 79-113 | | |
| t-Butyl alcohol | N.D. | 5. | ug/l | | 81 | 57-141 | | |

*- Outside of specification

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

Quality Control Summary

 Client Name: ChevronTexaco
 Reported: 08/24/04 at 06:24 PM

Group Number: 907569

Laboratory Compliance Quality Control

| <u>Analysis Name</u> | <u>Blank Result</u> | <u>Blank MDL</u> | <u>Report Units</u> | <u>LCS %REC</u> | <u>LCSD %REC</u> | <u>LCS/LCSD Limits</u> | <u>RPD</u> | <u>RPD Max</u> |
|----------------------|---------------------|------------------|---------------------|-----------------|------------------|------------------------|------------|----------------|
| Benzene | N.D. | 0.5 | ug/l | 89 | | 85-117 | | |
| Toluene | N.D. | 0.5 | ug/l | 90 | | 85-115 | | |
| Ethylbenzene | N.D. | 0.5 | ug/l | 90 | | 82-119 | | |
| Xylene (Total) | N.D. | 0.5 | ug/l | 88 | | 83-113 | | |

Sample Matrix Quality Control

| <u>Analysis Name</u> | <u>MS %REC</u> | <u>MSD %REC</u> | <u>MS/MSD Limits</u> | <u>RPD</u> | <u>RPD MAX</u> | <u>BKG Conc</u> | <u>DUP Conc</u> | <u>DUP RPD</u> | <u>Dup RPD Max</u> |
|---|--|-----------------|----------------------|------------|----------------|-----------------|-----------------|----------------|--------------------|
| Batch number: 04227A16A TPH-GRO - Waters | Sample number(s): 4329606, 4329608-4329615 | | | | | | | | |
| | 100 | | 63-154 | | | | | | |
| Batch number: 04229A16A TPH-GRO - Waters | Sample number(s): 4329607 | | | | | | | | |
| | 110 | | 63-154 | | | | | | |
| Batch number: Z042301AA | Sample number(s): 4329608-4329611 | | | | | | | | |
| Ethanol | 108 | 95 | 33-153 | 12 | | 30 | | | |
| Methyl Tertiary Butyl Ether | 99 | 96 | 69-134 | 4 | | 30 | | | |
| Benzene | 106 | 104 | 83-128 | 3 | | 30 | | | |
| Toluene | 107 | 103 | 83-127 | 3 | | 30 | | | |
| Ethylbenzene | 105 | 103 | 82-129 | 2 | | 30 | | | |
| Xylene (Total) | 102 | 99 | 82-130 | 3 | | 30 | | | |
| Batch number: Z042302AA | Sample number(s): 4329612 | | | | | | | | |
| Ethanol | 62 | 78 | 33-153 | 22 | | 30 | | | |
| Methyl Tertiary Butyl Ether | 96 | 95 | 69-134 | 1 | | 30 | | | |
| Benzene | 99 | 99 | 83-128 | 0 | | 30 | | | |
| Toluene | 102 | 101 | 83-127 | 1 | | 30 | | | |
| Ethylbenzene | 103 | 101 | 82-129 | 2 | | 30 | | | |
| Xylene (Total) | 99 | 97 | 82-130 | 1 | | 30 | | | |
| Batch number: Z042311AA | Sample number(s): 4329606 | | | | | | | | |
| Methyl Tertiary Butyl Ether | 101 | 97 | 69-134 | 4 | | 30 | | | |
| Benzene | 109 | 107 | 83-128 | 2 | | 30 | | | |
| Toluene | 106 | 107 | 83-127 | 1 | | 30 | | | |
| Ethylbenzene | 106 | 106 | 82-129 | 0 | | 30 | | | |
| Xylene (Total) | 102 | 102 | 82-130 | 0 | | 30 | | | |
| Batch number: Z042321AA | Sample number(s): 4329607 | | | | | | | | |
| Ethanol | 95 | 92 | 33-153 | 2 | | 30 | | | |
| Methyl Tertiary Butyl Ether | 92 | 90 | 69-134 | 2 | | 30 | | | |
| Benzene | 99 | 98 | 83-128 | 1 | | 30 | | | |
| Toluene | 101 | 99 | 83-127 | 2 | | 30 | | | |
| Ethylbenzene | 100 | 98 | 82-129 | 2 | | 30 | | | |
| Xylene (Total) | 97 | 95 | 82-130 | 2 | | 30 | | | |
| Batch number: Z042324AA | Sample number(s): 4329613-4329615 | | | | | | | | |
| Ethanol | 97 | 103 | 33-153 | 6 | | 30 | | | |
| Methyl Tertiary Butyl Ether | 94 | 92 | 69-134 | 3 | | 30 | | | |
| di-Isopropyl ether | 99 | 97 | 75-130 | 2 | | 30 | | | |
| Ethyl t-butyl ether | 96 | 93 | 78-119 | 3 | | 30 | | | |
| t-Amyl methyl ether | 91 | 85 | 77-117 | 6 | | 30 | | | |

*- Outside of specification

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

Quality Control Summary

Client Name: ChevronTexaco
Reported: 08/24/04 at 06:24 PM

Group Number: 907569

Sample Matrix Quality Control

| Analysis Name | MS %REC | MSD %REC | MS/MSD Limits | RPD | RPD MAX | BKG Conc | DUP Conc | DUP RPD | Dup RPD Max |
|-----------------|------------|-------------|------------------|-----|------------|-------------|-------------|------------|----------------|
| t-Butyl alcohol | 83 | 82 | 51-147 | 0 | 30 | | | | |
| Benzene | 100 | 97 | 83-128 | 3 | 30 | | | | |
| Toluene | 100 | 97 | 83-127 | 3 | 30 | | | | |
| Ethylbenzene | 101 | 98 | 82-129 | 3 | 30 | | | | |
| Xylene (Total) | 97 | 94 | 82-130 | 3 | 30 | | | | |

Surrogate Quality Control

Analysis Name: TPH-GRO - Waters
Batch number: 04227A16A
Trifluorotoluene-F

| | |
|---------|-----|
| 4329606 | 108 |
| 4329608 | 123 |
| 4329609 | 126 |
| 4329610 | 108 |
| 4329611 | 110 |
| 4329612 | 118 |
| 4329613 | 113 |
| 4329614 | 128 |
| 4329615 | 114 |
| Blank | 109 |
| LCS | 111 |
| LCSD | 112 |
| MS | 111 |

Limits: 57-146

Analysis Name: TPH-GRO - Waters
Batch number: 04229A16A
Trifluorotoluene-F

| | |
|---------|-----|
| 4329607 | 109 |
| Blank | 108 |
| LCS | 111 |
| LCSD | 112 |
| MS | 113 |

Limits: 57-146

Analysis Name: BTEX+5 Oxygenates+EDC+EDB+ETOH
Batch number: Z042301AA

| | Dibromofluoromethane | 1,2-Dichloroethane-d4 | Toluene-d8 | 4-Bromofluorobenzene |
|---------|----------------------|-----------------------|------------|----------------------|
| 4329608 | 92 | 103 | 98 | 104 |
| 4329609 | 89 | 97 | 96 | 96 |
| 4329610 | 93 | 100 | 96 | 95 |
| 4329611 | 93 | 100 | 95 | 95 |
| Blank | 93 | 99 | 96 | 94 |
| LCS | 92 | 99 | 95 | 96 |
| MS | 93 | 100 | 96 | 99 |
| MSD | 92 | 98 | 96 | 97 |

*- Outside of specification

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

Quality Control Summary

 Client Name: ChevronTexaco
 Reported: 08/24/04 at 06:24 PM

Group Number: 907569

Surrogate Quality Control

| Limits: | 81-120 | 82-112 | 85-112 | 83-113 |
|---|----------------------|-----------------------|------------|----------------------|
| Analysis Name: BTEX+5 Oxygenates+EDC+EDB+ETOH | | | | |
| Batch number: Z042302AA | | | | |
| | Dibromofluoromethane | 1,2-Dichloroethane-d4 | Toluene-d8 | 4-Bromofluorobenzene |
| 4329612 | 97 | 107 | 102 | 100 |
| Blank | 98 | 104 | 100 | 98 |
| LCS | 98 | 104 | 101 | 102 |
| MS | 100 | 107 | 102 | 102 |
| MSD | 99 | 106 | 101 | 103 |
| Limits: | 81-120 | 82-112 | 85-112 | 83-113 |
| Analysis Name: BTEX+MTBE by 8260B | | | | |
| Batch number: Z042311AA | | | | |
| | Dibromofluoromethane | 1,2-Dichloroethane-d4 | Toluene-d8 | 4-Bromofluorobenzene |
| 4329606 | 93 | 104 | 97 | 97 |
| Blank | 94 | 103 | 96 | 97 |
| LCS | 94 | 103 | 97 | 102 |
| MS | 93 | 105 | 96 | 100 |
| MSD | 91 | 103 | 97 | 100 |
| Limits: | 81-120 | 82-112 | 85-112 | 83-113 |
| Analysis Name: BTEX+5 Oxygenates+EDC+EDB+ETOH | | | | |
| Batch number: Z042321AA | | | | |
| | Dibromofluoromethane | 1,2-Dichloroethane-d4 | Toluene-d8 | 4-Bromofluorobenzene |
| 4329607 | 90 | 96 | 96 | 95 |
| Blank | 94 | 99 | 96 | 94 |
| LCS | 92 | 98 | 96 | 97 |
| MS | 93 | 97 | 96 | 97 |
| MSD | 91 | 98 | 95 | 96 |
| Limits: | 81-120 | 82-112 | 85-112 | 83-113 |
| Analysis Name: BTEX+5 Oxygenates+ETOH | | | | |
| Batch number: Z042324AA | | | | |
| | Dibromofluoromethane | 1,2-Dichloroethane-d4 | Toluene-d8 | 4-Bromofluorobenzene |
| 4329613 | 99 | 105 | 100 | 97 |
| 4329614 | 99 | 106 | 100 | 99 |
| 4329615 | 100 | 106 | 100 | 98 |
| Blank | 99 | 105 | 100 | 98 |
| LCS | 98 | 104 | 100 | 100 |
| MS | 99 | 107 | 100 | 101 |
| MSD | 98 | 106 | 101 | 101 |
| Limits: | 81-120 | 82-112 | 85-112 | 83-113 |

*- Outside of specification

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

Explanation of Symbols and Abbreviations

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

| | | | |
|-------------------------|--|-----------------|----------------------------------|
| N.D. | none detected | BMQL | Below Minimum Quantitation Level |
| TNTC | Too Numerous To Count | MPN | Most Probable Number |
| IU | International Units | CP Units | cobalt-chloroplatinate units |
| umhos/cm | micromhos/cm | NTU | nephelometric turbidity units |
| C | degrees Celsius | F | degrees Fahrenheit |
| meq | milliequivalents | lb. | pound(s) |
| g | gram(s) | kg | kilogram(s) |
| ug | microgram(s) | mg | milligram(s) |
| ml | milliliter(s) | l | liter(s) |
| m3 | cubic meter(s) | ul | microliter(s) |
| < | less than - The number following the sign is the <u>limit of quantitation</u> , the smallest amount of analyte which can be reliably determined using this specific test. | | |
| > | greater than | | |
| J | estimated value - The result is \geq the Method Detection Limit (MDL) and $<$ the Limit of Quantitation (LOQ). | | |
| ppm | parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas. | | |
| ppb | parts per billion | | |
| Dry weight basis | Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis. | | |

U.S. EPA CLP Data Qualifiers:

| Organic Qualifiers | Inorganic Qualifiers |
|--|--|
| A TIC is a possible aldol-condensation product | B Value is $<$ CRDL, but \geq IDL |
| B Analyte was also detected in the blank | E Estimated due to interference |
| C Pesticide result confirmed by GC/MS | M Duplicate injection precision not met |
| D Compound quantitated on a diluted sample | N Spike sample not within control limits |
| E Concentration exceeds the calibration range of the instrument | S Method of standard additions (MSA) used for calculation |
| N Presumptive evidence of a compound (TICs only) | U Compound was not detected |
| P Concentration difference between primary and confirmation columns $>$ 25% | W Post digestion spike out of control limits |
| U Compound was not detected | * Duplicate analysis not within control limits |
| X,Y,Z Defined in case narrative | + Correlation coefficient for MSA $<$ 0.995 |

Analytical test results for methods listed on the laboratories' accreditation scope meet all requirements of NELAC unless otherwise noted under the individual analysis.

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

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

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