



Chevron

ENVIRONMENTAL
PROTECTION

99 DEC 13 PM 4:55

STED 3565

Chevron U.S.A. Products Company
6001 Bollinger Canyon Rd. Bldg. L
P. O. Box 6004
San Ramon, CA 94583-0804

Site Assessment and
Remediation Group
Phone (510) 842-3300
Fax (510) 842-3370

Date: December 3, 1999
To: Distribution
Re: Groundwater Monitoring Report , 9-1153

The enclosed groundwater monitoring report has been properly reviewed by a Chevron authorized representative. Agency guidelines have been followed. Blaine Tech Services is authorized to distribute the report directly to interested parties.

925-842-8695

If you have any questions, please call me at (510) 842-3695.

~~*925-842-1000*~~

Sincerely,

Brett L. Hunter

Brett Hunter
Site Assessment and Remediation
Project Manager

~~*925-842-8695*~~

925-842-8695



1680 ROGERS AVENUE
SAN JOSE, CALIFORNIA 95112-1105
(408) 573-7771 FAX
(408) 573-0555 PHONE

December 3, 1999

Brett Hunter
Chevron U.S.A. Products Company
P.O. Box 6004
San Ramon, CA 94583-0904

3rd Quarter 1999 Monitoring at 9-1153

Third Quarter 1999 Groundwater Monitoring at
Chevron Service Station Number 9-1153
3126 Fernside Blvd.
Alameda, CA

Monitoring Performed on July 29, 1999

Groundwater Sampling Report 990729-L-1

This report covers the routine monitoring of groundwater wells at this Chevron facility. Blaine Tech Services, Inc.'s work at the site includes inspection, gauging, evacuation, purgewater containment, sample collection and sample handling in accordance with standard procedures that conform to Regional Water Quality Control Board requirements.

Routine field data collection includes depth to water, total well depth, thickness of any separate immiscible layer, water column volume, calculated volume of a three-case volume purge, elapsed evacuation time, total volume of water removed, and standard water parameter instrument readings. Sample material is collected, contained, stored, and transported to the laboratory in conformance with EPA standards. Purgewater is, likewise, collected and transported to McKittrick Waste Treatment Site for disposal.

Basic field information is presented alongside analytical values excerpted from the laboratory report in the cumulative table of **WELL DATA AND ANALYTICAL RESULTS**. The full analytical report for the most recent samples is located in the **Analytical Appendix**. The table also contains new groundwater elevation calculations taken from the computer plotted gradient

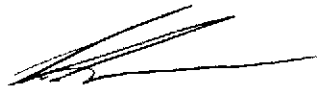
map which is located in the **Professional Engineering Appendix**.

At a minimum, Blaine Tech Services, Inc. field personnel are certified upon completion of a forty-hour Hazardous Materials and Emergency Response training course per 29 CFR 1910.120. Field personnel are also enrolled in annual eight hour refresher courses.

Blaine Tech Services, Inc. conducts sampling and documentation assignments of this type as an independent third party. In order to avoid compromising the objectivity necessary for the proper and disinterested performance of this work, Blaine Tech Services, Inc. concentrates on objective data collection and does not participate in the interpretation of analytical results, the definition of geological or hydrological conditions, the formulation of recommendations, or the marketing of remedial systems.

Please call if you have any questions.

Yours truly,



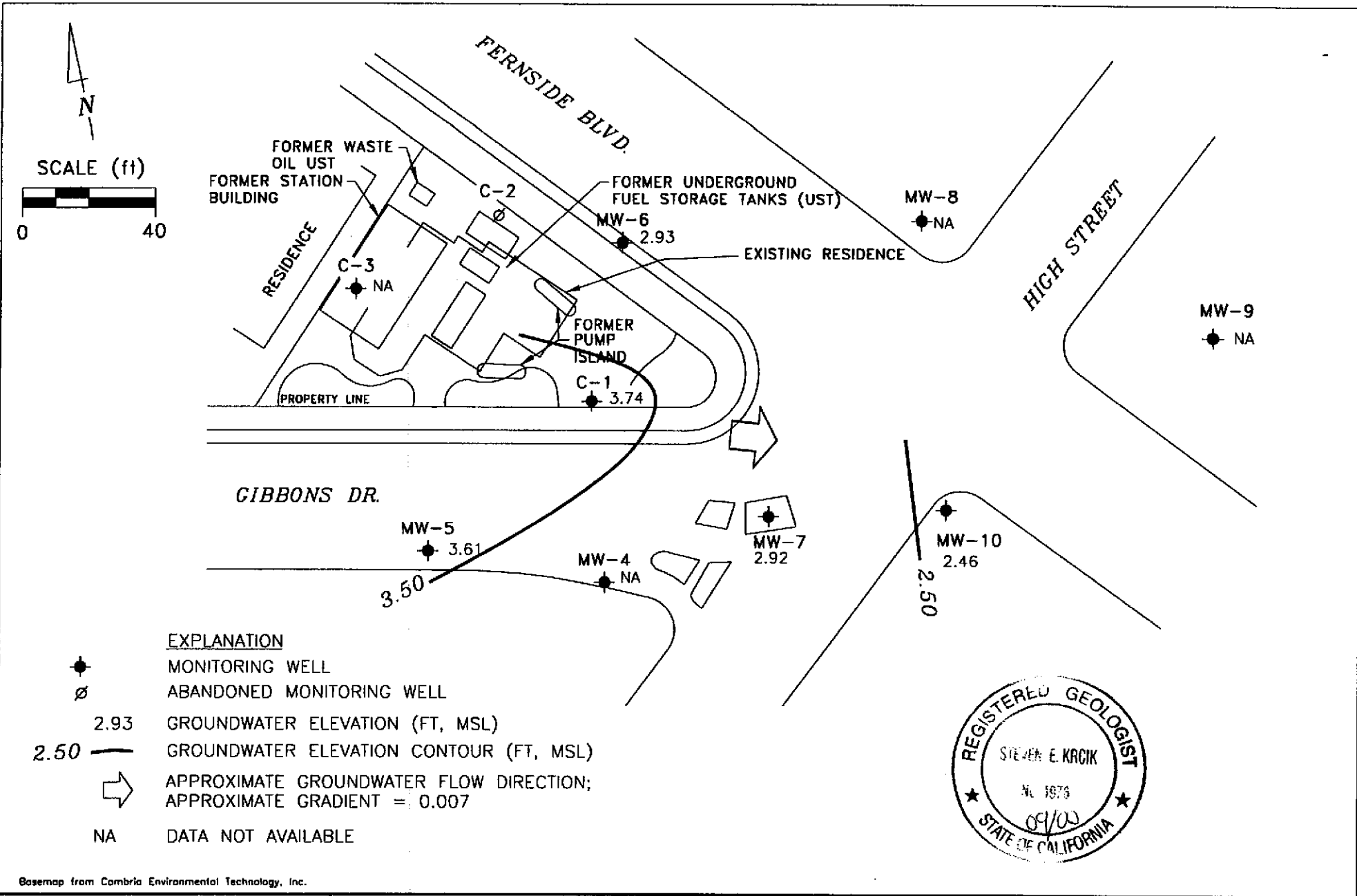
Scott Boor
Project Coordinator

SDB/jh

attachments: Professional Engineering Appendix
Cumulative Table of Well Data and Analytical Results
Analytical Appendix
Field Data Sheets

cc: **Larry Seto, Alameda County Health Care Services**
Mr. & Mrs. Thompson
Greg Gurss, Gettler-Ryan, Inc.
Bette Owen, Chevron (w/o enclosure)

Professional Engineering Appendix



PREPARED BY

RRM
engineering contracting firm

Former Chevron Station 9-1153
3126 Fernside Boulevard
Alameda, California

GROUNDWATER ELEVATION CONTOUR MAP,
JULY 29, 1999

FIGURE:
1
PROJECT:
DAC04

Table of Well Data and Analytical Results

Cumulative Table of Well Data and Analytical Results

| Vertical Measurements are in feet. | | | Volumetric Measurements are in gallons. | | | | Analytical results are in parts per billion (ppb) | | | | | | | |
|------------------------------------|-----------------|--------------------|---|---------------|-------------|-------------------|---|---------------|---------|---------|----------------|--------|-------|-------|
| DATE | Well Head Elev. | Ground Water Elev. | Depth To Water | SPH Thickness | SPH Removed | Total SPH Removed | Notes | TPH- Gasoline | Benzene | Toluene | Ethyl- Benzene | Xylene | MTBE | Other |
| C-1 | | | | | | | | | | | | | | |
| 08/18/86 | -- | -- | 4.10 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 09/04/86 | -- | -- | -- | -- | -- | -- | -- | 15,000 | 760 | 820 | 1500 | -- | -- | -- |
| 07/22/87 | -- | -- | -- | -- | -- | -- | -- | 1100 | 250 | 7.0 | 40 | -- | -- | -- |
| 05/03/89 | -- | -- | 4.46 | -- | -- | -- | -- | 6900 | 3800 | 190 | 229 | -- | -- | -- |
| 12/04/89 | -- | -- | 4.16 | -- | -- | -- | -- | 17,000 | 8000 | 490 | 470 | -- | -- | -- |
| 02/14/90 | -- | -- | 3.64 | -- | -- | -- | -- | 19,000 | 12,000 | 990 | 1050 | -- | -- | -- |
| 03/07/90 | -- | -- | 3.36 | -- | -- | -- | -- | -- | 4260 | 261 | 430 | -- | -- | -- |
| 09/06/91 | -- | -- | 4.43 | -- | -- | -- | -- | 21,000 | 10,000 | 100 | 240 | 560 | -- | -- |
| 12/15/91 | -- | -- | 4.78 | -- | -- | -- | -- | 20,000 | 4900 | 43 | 110 | 330 | -- | -- |
| 03/03/92 | -- | -- | 2.39 | -- | -- | -- | -- | 13,000 | 5800 | 730 | 340 | 1200 | -- | -- |
| 06/04/92 | 4.08 | 0.00 | 4.08 | -- | -- | -- | -- | 34,000 | 9400 | 350 | 290 | 1200 | -- | -- |
| 10/13/92 | 4.08 | -0.67 | 4.75 | -- | -- | -- | -- | 24,000 | 11,000 | 98 | 280 | 530 | -- | -- |
| 01/11/93 | 4.08 | 1.82 | 2.26 | Sheen | -- | -- | -- | 7100 | 1500 | 130 | 150 | 700 | -- | -- |
| 04/14/93 | 4.08 | 1.18 | 2.90 | Sheen | -- | -- | -- | 29,000 | 7300 | 4000 | 640 | 2300 | -- | -- |
| 07/13/93 | 4.08 | 0.11 | 3.97 | Sheen | -- | -- | -- | 650,000 | 27,000 | 18,000 | 6300 | 29,000 | -- | -- |
| 10/19/93 | 4.08 | -0.42 | 4.50 | -- | -- | -- | -- | 40,000 | 12,000 | 730 | 1100 | 3600 | -- | -- |
| 11/30/93 | 7.50 | 3.23 | 4.27 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 01/27/94 | 7.50 | 4.15 | 3.35 | -- | -- | -- | -- | 36,000 | 8600 | 220 | 670 | 1900 | -- | -- |
| 04/07/94 | 7.50 | 4.08 | 3.42 | -- | -- | -- | -- | 53,000 | 12,000 | 3500 | 480 | 3300 | -- | -- |
| 07/01/94 | 7.50 | 3.54 | 3.96 | -- | -- | -- | -- | 65,000 | 19,000 | 5900 | 1000 | 9000 | -- | -- |
| 10/05/94 | 7.50 | 3.11 | 4.39 | -- | -- | -- | -- | 160,000 | 23,000 | 12,000 | 2200 | 11,000 | -- | -- |
| 01/12/95 | 7.50 | 6.38 | 1.52 | 0.50 | 0.264 | 0.264 | -- | -- | -- | -- | -- | -- | -- | -- |
| 04/26/95 | 7.50 | 4.86 | 4.40 | 2.20 | 1.321 | 1.585 | -- | -- | -- | -- | -- | -- | -- | -- |
| 07/12/95 | 7.50 | 4.10 | 4.85 | 1.81 | 0.661 | 2.246 | -- | -- | -- | -- | -- | -- | -- | -- |
| 10/30/95 | 7.50 | 3.13 | 5.67 | 1.63 | 0.528 | 2.774 | -- | -- | -- | -- | -- | -- | -- | -- |
| 01/04/96 | 7.50 | 3.68 | 3.92 | 0.12 | 0.264 | 3.038 | -- | -- | -- | -- | -- | -- | -- | -- |
| 01/10/96 | 7.50 | 4.12 | 3.48 | 0.13 | 0.066 | 3.104 | -- | -- | -- | -- | -- | -- | -- | -- |
| 01/17/96 | 7.50 | 4.12 | 3.40 | 0.02 | 0.396 | 3.500 | -- | -- | -- | -- | -- | -- | -- | -- |
| 01/22/96 | 7.50 | 4.60 | 2.90 | 0.00 | 0.000 | 3.500 | -- | 82,000 | 18,000 | 4400 | 1400 | 5200 | <1000 | -- |
| 02/23/96 | 7.50 | 4.89 | 4.10 | 1.86 | 0.661 | 4.161 | -- | -- | -- | -- | -- | -- | -- | -- |
| 02/28/96 | 7.50 | -- | -- | >0.83 | 1.250 | 5.411 | -- | -- | -- | -- | -- | -- | -- | -- |
| 03/08/96 | 7.50 | 6.10 | 2.86 | 1.83 | 0.264 | 5.675 | -- | -- | -- | -- | -- | -- | -- | -- |
| 03/08/96 | 7.50 | 5.49 | 2.30 | 0.36 | 0.528 | 6.203 | -- | -- | -- | -- | -- | -- | -- | -- |
| 03/08/96 | 7.50 | 5.46 | 2.33 | 0.36 | 0.264 | 6.467 | -- | -- | -- | -- | -- | -- | -- | -- |
| 03/08/96 | 7.50 | 5.40 | 2.28 | 0.22 | 0.528 | 6.995 | -- | -- | -- | -- | -- | -- | -- | -- |

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Cumulative Table of Well Data and Analytical Results

| Vertical Measurements are in feet. | | | Volumetric Measurements are in gallons. | | | | Analytical results are in parts per billion (ppb) | | | | | | | |
|------------------------------------|-----------------|--------------------|---|---------------|-------------|-------------------|---|---------------|---------|---------|----------------|--------|-------|-------|
| DATE | Well Head Elev. | Ground Water Elev. | Depth To Water | SPH Thickness | SPH Removed | Total SPH Removed | Notes | TPH- Gasoline | Benzene | Toluene | Ethyl- Benzene | Xylene | MTBE | Other |
| C-1 (CONT'D) | | | | | | | | | | | | | | |
| 03/26/96 | 7.50 | 4.56 | 3.96 | 1.28 | 0.396 | 7.391 | -- | -- | -- | -- | -- | -- | -- | -- |
| 04/11/96 | 7.50 | 3.29 | 5.61 | 1.75 | 0.528 | 7.919 | -- | -- | -- | -- | -- | -- | -- | -- |
| 04/19/96 | 7.50 | 4.44 | 3.09 | 0.04 | 0.396 | 8.315 | -- | -- | -- | -- | -- | -- | -- | -- |
| 04/24/96 | 7.50 | 4.48 | 3.04 | 0.03 | 0.396 | 8.711 | -- | -- | -- | -- | -- | -- | -- | -- |
| 05/03/96 | 7.50 | 3.85 | 4.02 | 0.46 | 0.396 | 9.107 | -- | -- | -- | -- | -- | -- | -- | -- |
| 05/03/96 | 7.50 | 3.99 | 3.89 | 0.47 | 0.000 | 9.107 | -- | -- | -- | -- | -- | -- | -- | -- |
| 05/08/96 | 7.50 | 3.53 | 4.25 | 0.35 | 0.066 | 9.173 | -- | -- | -- | -- | -- | -- | -- | -- |
| 05/17/96 | 7.50 | 4.29 | 3.24 | 0.04 | 0.029 | 9.202 | -- | -- | -- | -- | -- | -- | -- | -- |
| 05/17/96 | 7.50 | 4.16 | 3.35 | 0.01 | 0.029 | 9.231 | -- | -- | -- | -- | -- | -- | -- | -- |
| 05/17/96 | 7.50 | 4.08 | 3.43 | 0.01 | 0.029 | 9.260 | -- | -- | -- | -- | -- | -- | -- | -- |
| 05/17/96 | 7.50 | 3.86 | 3.65 | 0.01 | 0.000 | 9.260 | -- | -- | -- | -- | -- | -- | -- | -- |
| 05/22/96 | 7.50 | 4.46 | 3.10 | 0.07 | 0.079 | 9.339 | -- | -- | -- | -- | -- | -- | -- | -- |
| 06/18/96 | 7.50 | 3.20 | 4.68 | 0.48 | 0.264 | 9.603 | -- | -- | -- | -- | -- | -- | -- | -- |
| 07/03/96 | 7.50 | 2.57 | 5.03 | 0.13 | 0.145 | 9.748 | -- | -- | -- | -- | -- | -- | -- | -- |
| 07/09/96 | 7.50 | 3.05 | 4.63 | 0.23 | 0.092 | 9.840 | -- | -- | -- | -- | -- | -- | -- | -- |
| 07/17/96 | 7.50 | 2.89 | 4.73 | 0.15 | 0.317 | 10.157 | -- | -- | -- | -- | -- | -- | -- | -- |
| 07/29/96 | 7.50 | 2.47 | 5.10 | 0.09 | 0.264 | 10.421 | -- | -- | -- | -- | -- | -- | -- | -- |
| 08/02/96 | 7.50 | 1.84 | 5.68 | 0.03 | 0.033 | 10.454 | -- | -- | -- | -- | -- | -- | -- | -- |
| 08/07/96 | 7.50 | 2.35 | 5.16 | 0.01 | 0.132 | 10.586 | -- | -- | -- | -- | -- | -- | -- | -- |
| 08/23/96 | 7.50 | 1.77 | 5.75 | 0.03 | 0.026 | 10.612 | -- | -- | -- | -- | -- | -- | -- | -- |
| 08/28/96 | 7.50 | 1.99 | 5.53 | 0.03 | 0.013 | 10.625 | -- | -- | -- | -- | -- | -- | -- | -- |
| 09/06/96 | 7.50 | 2.12 | 5.38 | -- | 0.046 | 10.671 | -- | -- | -- | -- | -- | -- | -- | -- |
| 09/12/96 | 7.50 | 2.04 | 5.48 | 0.03 | 0.013 | 10.684 | -- | -- | -- | -- | -- | -- | -- | -- |
| 09/19/96 | 7.50 | 1.20 | 6.32 | 0.03 | 0.011 | 10.695 | -- | -- | -- | -- | -- | -- | -- | -- |
| 10/10/96 | 7.50 | 3.00 | 4.58 | 0.10 | 0.132 | 10.827 | -- | -- | -- | -- | -- | -- | -- | -- |
| 10/17/96 | 7.50 | 1.90 | 5.61 | 0.01 | 0.011 | 10.838 | -- | -- | -- | -- | -- | -- | -- | -- |
| 10/29/96 | 7.50 | 1.49 | 6.01 | -- | -- | 10.838 | -- | -- | -- | -- | -- | -- | -- | -- |
| 11/07/96 | 7.50 | 1.94 | 5.56 | 0.04 | 0.132 | 10.970 | -- | -- | -- | -- | -- | -- | -- | -- |
| 11/11/96 | 7.50 | 2.18 | 5.32 | 0.04 | 0.132 | 11.102 | -- | -- | -- | -- | -- | -- | -- | -- |
| 12/20/96 | 7.50 | 4.17 | 3.33 | 0.03 | 0.053 | 11.155 | -- | -- | -- | -- | -- | -- | -- | -- |
| 12/17/96 | 7.50 | 3.77 | 3.73 | 0.01 | 0.010 | 11.165 | -- | -- | -- | -- | -- | -- | -- | -- |
| 01/15/97 | 7.50 | 4.76 | 2.74 | -- | -- | 11.165 | -- | 47,000 | 16,000 | 2800 | 1300 | 4900 | <1000 | -- |
| 01/22/97 | 7.50 | 6.13 | 1.37 | 0.19 | 0.066 | 11.231 | -- | -- | -- | -- | -- | -- | -- | -- |
| 02/04/97 | 7.50 | 4.52 | 2.98 | 0.51 | 0.145 | 11.376 | -- | -- | -- | -- | -- | -- | -- | -- |
| 02/20/97 | 7.50 | 3.41 | 4.09 | 0.13 | 0.106 | 11.482 | -- | -- | -- | -- | -- | -- | -- | -- |

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Cumulative Table of Well Data and Analytical Results

| Vertical Measurements are in feet. | | | Volumetric Measurements are in gallons. | | | | Analytical results are in parts per billion (ppb) | | | | | | | |
|------------------------------------|-----------------|--------------------|---|---------------|-------------|-------------------|---|--------------|---------|---------|---------------|--------|------|-------|
| DATE | Well Head Elev. | Ground Water Elev. | Depth To Water | SPH Thickness | SPH Removed | Total SPH Removed | Notes | TPH-Gasoline | Benzene | Toluene | Ethyl-Benzene | Xylene | MTBE | Other |
| C-1 (CONT'D) | | | | | | | | | | | | | | |
| 03/06/97 | 7.50 | 3.75 | 3.75 | 0.56 | 1.189 | 12.671 | -- | -- | -- | -- | -- | -- | -- | -- |
| 03/14/97 | 7.50 | 3.68 | 3.82 | 0.03 | 0.119 | 12.790 | -- | -- | -- | -- | -- | -- | -- | -- |
| 03/20/97 | 7.50 | 3.77 | 3.73 | 0.03 | 0.013 | 12.803 | -- | -- | -- | -- | -- | -- | -- | -- |
| 03/25/97 | 7.50 | 3.18 | 4.32 | 0.01 | -- | 12.803 | -- | -- | -- | -- | -- | -- | -- | -- |
| 03/31/97 | 7.50 | 3.79 | 3.71 | 0.03 | 0.003 | 12.806 | -- | -- | -- | -- | -- | -- | -- | -- |
| 04/03/97 | 7.50 | 2.92 | 4.60 | 0.03 | 0.004 | 12.810 | -- | -- | -- | -- | -- | -- | -- | -- |
| 04/09/97 | 7.50 | 3.27 | 4.25 | 0.02 | 0.026 | 12.836 | -- | -- | -- | -- | -- | -- | -- | -- |
| 04/24/97 | 7.50 | 2.87 | 4.65 | 0.02 | 0.005 | 12.841 | -- | -- | -- | -- | -- | -- | -- | -- |
| 04/30/97 | 7.50 | 4.02 | 3.50 | 0.02 | 0.005 | 12.846 | -- | -- | -- | -- | -- | -- | -- | -- |
| 05/22/97 | 7.50 | 2.53 | 4.97 | -- | 0.011 | 12.857 | -- | -- | -- | -- | -- | -- | -- | -- |
| 06/03/97 | 7.50 | 3.93 | 3.62 | 0.06 | 0.007 | 12.864 | -- | -- | -- | -- | -- | -- | -- | -- |
| 07/09/97 | 7.50 | 3.25 | 4.30 | 0.06 | 0.132 | 12.996 | -- | -- | -- | -- | -- | -- | -- | -- |
| 08/12/97 | 7.50 | 2.32 | 5.18 | 0.00 | 0.050 | 13.046 | -- | -- | -- | -- | -- | -- | -- | -- |
| 09/30/97 | 7.50 | 2.65 | 5.25 | 0.50 | 0.070 | 13.116 | -- | -- | -- | -- | -- | -- | -- | -- |
| 10/29/97 | 7.50 | 2.19 | 5.33 | 0.03 | 0.020 | 13.136 | -- | -- | -- | -- | -- | -- | -- | -- |
| 11/13/97 | 7.50 | 2.66 | 4.86 | 0.02 | 0.026 | 13.162 | -- | -- | -- | -- | -- | -- | -- | -- |
| 12/18/97 | 7.50 | 5.16 | 2.34 | -- | -- | 13.162 | -- | -- | -- | -- | -- | -- | -- | -- |
| 01/14/98 | 7.50 | 7.27 | 0.25 | 0.02 | 0.132 | 13.294 | -- | -- | -- | -- | -- | -- | -- | -- |
| 02/02/98 | 7.50 | 5.19 | 2.35 | 0.05 | 0.026 | 13.320 | -- | -- | -- | -- | -- | -- | -- | -- |
| 03/16/98 | 7.50 | 5.40 | 2.50 | 0.50 | 0.132 | 13.452 | -- | -- | -- | -- | -- | -- | -- | -- |
| 04/17/98 | 7.50 | 5.17 | 2.65 | 0.40 | 0.106 | 13.558 | -- | -- | -- | -- | -- | -- | -- | -- |
| 05/01/98 | 7.50 | 5.14 | 2.39 | 0.04 | 0.264 | 13.822 | -- | -- | -- | -- | -- | -- | -- | -- |
| 06/17/98 | 7.50 | 4.30 | 3.26 | 0.08 | 0.033 | 13.855 | -- | -- | -- | -- | -- | -- | -- | -- |
| 07/15/98 | 7.50 | 3.95 | 3.55 | -- | -- | 13.855 | -- | 110,000 | 22,000 | 22,000 | 1000 | 10,000 | <250 | -- |
| 09/01/98 | 7.50 | 3.50 | 4.00 | -- | -- | 13.855 | -- | -- | -- | -- | -- | -- | -- | -- |
| 10/27/98 | 7.50 | 3.02 | 4.48 | -- | -- | 13.855 | -- | 45,000 | 12,000 | 5400 | 590 | 4300 | <500 | -- |
| 11/19/98 | 7.50 | 3.61 | 3.89 | -- | -- | 13.855 | -- | -- | -- | -- | -- | -- | -- | -- |
| 12/19/98 | 7.50 | 5.39 | 2.13 | 0.02 | 0.040 | 13.895 | -- | -- | -- | -- | -- | -- | -- | -- |
| 01/20/99 | 7.50 | 3.52 | 3.98 | -- | -- | 13.895 | -- | 50,300 | 7050 | 5030 | 244 | 6090 | <40 | -- |
| 02/24/99 | 7.50 | 4.95 | 2.55 | -- | -- | 13.895 | -- | -- | -- | -- | -- | -- | -- | -- |
| 03/26/99 | 7.50 | 5.97 | 2.14 | 0.76 | 0.2642 | 14.159 | -- | -- | -- | -- | -- | -- | -- | -- |
| 04/19/99 | 7.50 | 6.46 | 1.04 | -- | -- | 14.159 | -- | 150,000 | 21,000 | 20,000 | 3000 | 18,000 | <2.5 | -- |
| 04/19/99 | 7.50 | 6.46 | 1.04 | -- | -- | -- | Confirmation Run | -- | -- | -- | -- | -- | 49 | -- |
| 07/29/99 | 7.50 | 3.76 | 3.76 | 0.02 | 0.01 | 14.169 | -- | -- | -- | -- | -- | -- | -- | -- |

Cumulative Table of Well Data and Analytical Results

| Vertical Measurements are in feet. | | | Volumetric Measurements are in gallons. | | | | Analytical results are in parts per billion (ppb) | | | | | | | |
|------------------------------------|-----------------|--------------------|---|---------------|-------------|-------------------|---|--------------|---------|---------|---------------|--------|------|-------|
| DATE | Well Head Elev. | Ground Water Elev. | Depth To Water | SPH Thickness | SPH Removed | Total SPH Removed | Notes | TPH-Gasoline | Benzene | Toluene | Ethyl-Benzene | Xylene | MTBE | Other |
| C-2 | | | | | | | | | | | | | | |
| 08/18/86 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 09/04/86 | -- | -- | -- | -- | -- | -- | -- | 1100 | 49 | 18 | 84 | -- | -- | -- |
| 07/22/87 | -- | -- | -- | -- | -- | -- | -- | <50 | 1.8 | <1.0 | <4.0 | -- | -- | -- |
| 05/03/89 | -- | -- | -- | -- | -- | -- | Abandoned | -- | -- | -- | -- | -- | -- | -- |

Cumulative Table of Well Data and Analytical Results

| Vertical Measurements are in feet. | | | Volumetric Measurements are in gallons. | | | | Analytical results are in parts per billion (ppb) | | | | | | | |
|------------------------------------|-----------------|--------------------|---|---------------|-------------|-------------------|---|---------------|---------|---------|----------------|--------|------|-------|
| DATE | Well Head Elev. | Ground Water Elev. | Depth To Water | SPH Thickness | SPH Removed | Total SPH Removed | Notes | TPH- Gasoline | Benzene | Toluene | Ethyl- Benzene | Xylene | MTBE | Other |
| C-3 | | | | | | | | | | | | | | |
| 08/18/86 | -- | -- | 4.00 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 09/04/86 | -- | -- | -- | -- | -- | -- | -- | 50 | 3.2 | 5.4 | 5.8 | -- | -- | -- |
| 07/22/87 | -- | -- | -- | -- | -- | -- | -- | <50 | <0.5 | <1.0 | <4.0 | -- | -- | -- |
| 05/03/89 | -- | -- | 4.15 | -- | -- | -- | -- | <50 | <0.5 | <1.0 | <2.0 | -- | -- | -- |
| 12/04/89 | -- | -- | 4.24 | -- | -- | -- | -- | <250 | <0.5 | <0.5 | <0.5 | -- | -- | -- |
| 02/14/90 | -- | -- | 3.57 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | -- | -- | -- |
| 03/07/90 | -- | -- | 3.31 | -- | -- | -- | -- | -- | <5.0 | <5.0 | <5.0 | -- | -- | -- |
| 09/06/91 | -- | -- | 4.59 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- |
| 12/15/91 | -- | -- | 4.84 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- |
| 03/03/92 | -- | -- | 2.17 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- |
| 06/04/92 | 4.41 | 0.40 | 4.01 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- |
| 10/13/92 | 4.41 | -0.38 | 4.79 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- |
| 01/11/93 | 4.41 | 2.40 | 2.01 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- |
| 04/14/93 | 4.41 | 1.65 | 2.76 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- |
| 07/13/93 | 4.41 | 0.45 | 3.96 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <1.5 | -- | -- |
| 10/19/93 | 4.41 | -0.12 | 4.53 | -- | -- | -- | -- | 66 | 12 | 1.4 | 1.0 | 8.4 | -- | -- |
| 11/30/93 | 7.83 | 3.79 | 4.04 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 01/27/94 | 7.83 | 4.66 | 3.17 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- |
| 04/07/94 | 7.83 | 4.63 | 3.20 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- |
| 07/01/94 | 7.83 | 3.84 | 3.99 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- |
| 10/05/94 | 7.83 | 3.29 | 4.54 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- |
| 01/12/95 | 7.83 | 7.03 | 0.80 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- |
| 05/02/95 | 7.83 | 5.68 | 2.15 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- |
| 07/12/95 | 7.83 | 4.41 | 3.42 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- |
| 10/30/95 | 7.83 | 3.37 | 4.46 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 | -- |
| 01/22/96 | 7.83 | 6.10 | 1.73 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 | -- |
| 04/24/96 | 7.83 | 5.21 | 2.62 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 | -- |
| 07/29/96 | 7.83 | 3.89 | 3.94 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 | -- |
| 10/10/96 | 7.83 | 3.77 | 4.06 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 | -- |
| 01/15/97 | 7.83 | 6.29 | 1.54 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 | -- |
| 04/03/97 | 7.83 | 4.60 | 3.23 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 | -- |
| 07/09/97 | 7.83 | 3.47 | 4.36 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 | -- |
| 10/29/97 | 7.83 | 3.18 | 4.65 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 | -- |
| 01/14/98 | 7.83 | 7.06 | 0.77 | -- | -- | -- | Gauged and sampled annua | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 | -- |
| 07/15/98 | 7.83 | 4.11 | 3.72 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 | -- |
| 01/20/99 | 7.83 | 5.18 | 2.65 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.0 | -- |
| 04/19/99 | 7.83 | 6.05 | 1.78 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

Cumulative Table of Well Data and Analytical Results

| Vertical Measurements are in feet. | | | Volumetric Measurements are in gallons. | | | | Analytical results are in parts per billion (ppb) | | | | | | | |
|------------------------------------|-----------------|--------------------|---|---------------|-------------|-------------------|---|---------------|---------|---------|----------------|--------|------|-------|
| DATE | Well Head Elev. | Ground Water Elev. | Depth To Water | SPH Thickness | SPH Removed | Total SPH Removed | Notes | TPH- Gasoline | Benzene | Toluene | Ethyl- Benzene | Xylene | MTBE | Other |
| MW-4 | | | | | | | | | | | | | | |
| 06/04/92 | 3.58 | -0.05 | 3.63 | -- | -- | -- | -- | <50 | 0.8 | <0.5 | <0.5 | <0.5 | -- | -- |
| 10/13/92 | 3.58 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 01/11/93 | 3.58 | 1.69 | 1.89 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- |
| 04/14/93 | 3.58 | 1.38 | 2.20 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <1.5 | -- | -- |
| 07/13/93 | 3.58 | 0.07 | 3.51 | -- | -- | -- | -- | 54 | 2.6 | 1.6 | <0.5 | <1.5 | -- | -- |
| 10/19/93 | 3.58 | -0.64 | 4.22 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- |
| 11/30/93 | 7.01 | 3.00 | 4.01 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 01/27/94 | 7.01 | 4.12 | 2.89 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- |
| 04/07/94 | 7.01 | 3.95 | 3.06 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- |
| 07/01/94 | 7.01 | 3.42 | 3.59 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- |
| 10/05/94 | 7.01 | 2.68 | 4.33 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- |
| 01/12/95 | 7.01 | 5.81 | 1.20 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- |
| 04/26/95 | 7.01 | 5.86 | 1.15 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- |
| 07/12/95 | 7.01 | 4.29 | 2.72 | -- | -- | -- | -- | <50 | 6.4 | <0.5 | 0.63 | 0.72 | -- | -- |
| 10/30/95 | 7.01 | 2.93 | 4.08 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 | -- |
| 01/22/96 | 7.01 | 5.25 | 1.76 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 | -- |
| 04/24/96 | 7.01 | 5.06 | 1.95 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 | -- |
| 07/29/96 | 7.01 | 3.64 | 3.37 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 | -- |
| 10/10/96 | 7.01 | 3.05 | 3.96 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 | -- |
| 01/15/97 | 7.01 | 5.74 | 1.27 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 | -- |
| 04/03/97 | 7.01 | 4.90 | 2.11 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 | -- |
| 07/09/97 | 7.01 | 2.97 | 4.04 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 | -- |
| 10/29/97 | 7.01 | 2.45 | 4.56 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 | -- |
| 01/14/98 | 7.01 | 6.62 | 0.39 | -- | -- | -- | Gauged and sampled annua | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 | -- |
| 01/20/99 | 7.01 | 4.18 | 2.83 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.0 | -- |
| 04/19/99 | 7.01 | 4.10 | 2.91 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

Cumulative Table of Well Data and Analytical Results

| Vertical Measurements are in feet. | | | | Volumetric Measurements are in gallons. | | | Analytical results are in parts per billion (ppb) | | | | | | | |
|------------------------------------|-----------------|--------------------|----------------|---|-------------|-------------------|---|--------------|---------|---------|---------------|--------|------|-------|
| DATE | Well Head Elev. | Ground Water Elev. | Depth To Water | SPH Thickness | SPH Removed | Total SPH Removed | Notes | TPH-Gasoline | Benzene | Toluene | Ethyl-Benzene | Xylene | MTBE | Other |
| MW-5 | | | | | | | | | | | | | | |
| 06/04/92 | 3.61 | 0.36 | 3.25 | -- | -- | -- | -- | 560 | 110 | 0.5 | 37 | 2.2 | -- | -- |
| 10/13/92 | 3.61 | -0.59 | 4.20 | -- | -- | -- | -- | 1200 | 150 | <2.5 | 84 | 8.6 | -- | -- |
| 01/11/93 | 3.61 | 2.31 | 1.30 | -- | -- | -- | -- | 1300 | 48 | 1.0 | 83 | 33 | -- | -- |
| 04/14/93 | 3.61 | 2.41 | 1.20 | -- | -- | -- | -- | 2600 | 240 | 6.1 | 250 | 170 | -- | -- |
| 07/13/93 | 3.61 | 0.46 | 3.15 | -- | -- | -- | -- | 1700 | 260 | 7.8 | 160 | 100 | -- | -- |
| 10/19/93 | 3.61 | -0.21 | 3.82 | -- | -- | -- | -- | 1900 | 190 | 3.3 | 200 | 93 | -- | -- |
| 11/30/93 | 7.04 | 3.48 | 3.56 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 01/27/94 | 7.04 | 4.62 | 2.42 | -- | -- | -- | -- | 4000 | 100 | 12 | 210 | 110 | -- | -- |
| 04/07/94 | 7.04 | 4.71 | 2.33 | -- | -- | -- | -- | 2600 | 170 | 10 | 150 | 88 | -- | -- |
| 07/01/94 | 7.04 | 3.86 | 3.18 | -- | -- | -- | -- | 2300 | 350 | 9.1 | 110 | 76 | -- | -- |
| 10/05/94 | 7.04 | 3.06 | 3.98 | -- | -- | -- | -- | 11,000 | 840 | 150 | 130 | 340 | -- | -- |
| 01/12/95 | 7.04 | 6.64 | 0.40 | -- | -- | -- | -- | 2300 | 82 | <2.5 | 54 | 20 | -- | -- |
| 04/26/95 | 7.04 | 6.54 | 0.50 | -- | -- | -- | -- | 1600 | 52 | <5.0 | 36 | 61 | -- | -- |
| 07/12/95 | 7.04 | 4.63 | 2.41 | -- | -- | -- | -- | 2800 | 150 | <5.0 | 34 | 38 | -- | -- |
| 10/30/95 | 7.04 | 3.26 | 3.78 | -- | -- | -- | -- | 1100 | 81 | <5.0 | <5.0 | <5.0 | 35 | -- |
| 01/22/96 | 7.04 | 6.26 | 0.78 | -- | -- | -- | -- | 880 | 7.3 | <2.0 | 15 | 4.8 | <10 | -- |
| 04/24/96 | 7.04 | 5.39 | 1.65 | -- | -- | -- | -- | 1600 | 51 | 3.8 | 14 | 5.6 | 56 | -- |
| 07/29/96 | 7.04 | -- | -- | -- | -- | -- | Inaccessible | -- | -- | -- | -- | -- | -- | -- |
| 10/10/96 | 7.04 | 3.44 | 3.60 | -- | -- | -- | -- | 1000 | 18 | <1.2 | 1.5 | <1.2 | <6.2 | -- |
| 01/15/97 | 7.04 | 6.59 | 0.45 | -- | -- | -- | -- | 520 | 0.84 | <0.5 | 3.1 | 1.2 | 8.4 | -- |
| 04/03/97 | 7.04 | 4.93 | 2.11 | -- | -- | -- | -- | 1400 | 13 | <2.0 | 4.3 | 8.4 | 32 | -- |
| 07/09/97 | 7.04 | 3.33 | 3.71 | -- | -- | -- | -- | 810 | 3.6 | 0.97 | <0.5 | <0.5 | 9.7 | -- |
| 10/29/97 | 7.04 | 2.84 | 4.20 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 | -- |
| 01/14/98 | 7.04 | 7.04 | 0.00 | -- | -- | -- | -- | 430 | 5.8 | 2.4 | <0.5 | 1.6 | 17 | -- |
| 04/17/98 | 7.04 | 6.33 | 0.71 | -- | -- | -- | Sampled biannually | -- | -- | -- | -- | -- | -- | -- |
| 07/15/98 | 7.04 | 7.04 | 0.00 | -- | -- | -- | -- | 990 | 11 | 3.9 | 0.56 | 2.2 | 61 | -- |
| 10/27/98 | 7.04 | 2.81 | 4.23 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 01/20/99 | 7.04 | 4.46 | 2.58 | -- | -- | -- | -- | 168 | <0.5 | <0.5 | <0.5 | 0.692 | <2.0 | -- |
| 04/19/99 | 7.04 | 4.97 | 2.07 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 07/29/99 | 7.04 | 3.61 | 3.43 | -- | -- | -- | -- | 246 | 1.54 | <0.5 | <0.5 | <0.5 | <5.0 | -- |
| 07/29/99 | 7.04 | 3.61 | 3.43 | -- | -- | -- | Confirmation run | -- | -- | -- | -- | -- | <2.0 | -- |

Cumulative Table of Well Data and Analytical Results

| Vertical Measurements are in feet. | | | Volumetric Measurements are in gallons. | | | | Analytical results are in parts per billion (ppb) | | | | | | | |
|------------------------------------|-----------------|--------------------|---|---------------|-------------|-------------------|---|---------------|---------|---------|----------------|--------|------|-------|
| DATE | Well Head Elev. | Ground Water Elev. | Depth To Water | SPH Thickness | SPH Removed | Total SPH Removed | Notes | TPH- Gasoline | Benzene | Toluene | Ethyl- Benzene | Xylene | MTBE | Other |
| MW-6 | | | | | | | | | | | | | | |
| 06/04/92 | 3.85 | -0.04 | 3.89 | -- | -- | -- | -- | 210 | 54 | <0.5 | 1.9 | 2.4 | -- | -- |
| 10/13/92 | 3.85 | -0.71 | 4.56 | -- | -- | -- | -- | 10,000 | 5300 | <10 | 70 | <10 | -- | -- |
| 01/11/93 | 3.85 | 1.49 | 2.36 | -- | -- | -- | -- | 100 | 50 | <0.5 | <0.5 | <0.5 | -- | -- |
| 04/14/93 | 3.85 | 0.70 | 3.15 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- |
| 07/13/93 | 3.85 | -0.09 | 3.94 | -- | -- | -- | -- | <50 | 1.8 | <0.5 | <0.5 | <1.5 | -- | -- |
| 10/19/93 | 3.85 | -0.55 | 4.40 | -- | -- | -- | -- | 320 | 150 | <0.5 | 0.8 | <0.5 | -- | -- |
| 11/30/93 | 7.27 | 3.11 | 4.16 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 01/27/94 | 7.27 | 3.94 | 3.33 | -- | -- | -- | -- | 120 | 45 | <0.5 | <0.5 | <0.5 | -- | -- |
| 04/07/94 | 7.27 | 3.84 | 3.43 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- |
| 07/01/94 | 7.27 | 3.33 | 3.94 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- |
| 10/05/94 | 7.27 | 2.89 | 4.38 | -- | -- | -- | -- | 8300 | 2400 | 160 | 42 | 190 | -- | -- |
| 01/12/95 | 7.27 | 4.84 | 2.43 | -- | -- | -- | -- | <50 | 12 | <0.5 | <0.5 | <0.5 | -- | ND * |
| 04/26/95 | 7.27 | 5.21 | 2.06 | -- | -- | -- | -- | <50 | 5.5 | 0.67 | <0.5 | 1.3 | -- | -- |
| 07/12/95 | 7.27 | 3.74 | 3.53 | -- | -- | -- | -- | 65 | 27 | <0.5 | <0.5 | <0.5 | -- | -- |
| 10/30/95 | 7.27 | 2.93 | 4.34 | -- | -- | -- | -- | <50 | 3.9 | <0.5 | <0.5 | <0.5 | <2.5 | -- |
| 01/22/96 | 7.27 | 4.66 | 2.61 | -- | -- | -- | -- | <50 | 0.93 | <0.5 | <0.5 | <0.5 | <2.5 | -- |
| 04/24/96 | 7.27 | 4.77 | 2.50 | -- | -- | -- | -- | 260 | 110 | <1.2 | <1.2 | <1.2 | <6.2 | -- |
| 07/29/96 | 7.27 | 3.42 | 3.85 | -- | -- | -- | -- | <50 | 23 | <0.5 | <0.5 | <0.5 | <2.5 | -- |
| 10/10/96 | 7.27 | 2.90 | 4.37 | -- | -- | -- | -- | 79 | 31 | <0.5 | <0.5 | <0.5 | <2.5 | -- |
| 01/15/97 | 7.27 | 4.64 | 2.63 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 | -- |
| 04/03/97 | 7.27 | 3.85 | 3.42 | -- | -- | -- | -- | 670 | 360 | <5.0 | <5.0 | <5.0 | <25 | -- |
| 07/09/97 | 7.27 | 2.98 | 4.29 | -- | -- | -- | -- | 330 | 140 | <2.0 | <2.0 | <2.0 | <10 | -- |
| 10/29/97 | 7.27 | 2.71 | 4.56 | -- | -- | -- | -- | 400 | 260 | <2.0 | <2.0 | <2.0 | 5.8 | -- |
| 01/14/98 | 7.27 | 6.26 | 1.01 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 | -- |
| 04/17/98 | 7.27 | 4.33 | 2.94 | -- | -- | -- | -- | <50 | 1.7 | <0.5 | <0.5 | <0.5 | <2.5 | -- |
| 07/15/98 | 7.27 | 2.55 | 4.72 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 | -- |
| 10/27/98 | -- | -- | -- | -- | -- | -- | Inaccessible | -- | -- | -- | -- | -- | -- | -- |
| 11/25/98 | 7.27 | 3.11 | 4.16 | -- | -- | -- | -- | 110** | 54 | <0.5 | <0.5 | <0.5 | <2.5 | -- |
| 01/20/99 | 7.27 | 3.82 | 3.45 | -- | -- | -- | -- | <50 | 10 | <0.5 | <0.5 | <0.5 | <2.0 | -- |
| 04/19/99 | 7.27 | 3.88 | 3.39 | -- | -- | -- | -- | <50 | 2.6 | <0.5 | <0.5 | <0.5 | <2.5 | -- |
| 04/19/99 | 7.27 | 3.88 | 3.39 | -- | -- | -- | Confirmation Run | -- | -- | -- | -- | -- | <2.0 | -- |
| 07/29/99 | 7.27 | 2.93 | 4.34 | -- | -- | -- | ORC Socks Installed | <5000 | 2590 | <50 | <50 | <50 | <500 | -- |

* EPA 8010

** Chromatogram report indicates an unidentified hydrocarbon.

Cumulative Table of Well Data and Analytical Results

| Vertical Measurements are in feet. | | | | Volumetric Measurements are in gallons. | | | Analytical results are in parts per billion (ppb) | | | | | | | |
|------------------------------------|-----------------|--------------------|----------------|---|-------------|-------------------|---|--------------|---------|---------|---------------|--------|------|-------|
| DATE | Well Head Elev. | Ground Water Elev. | Depth To Water | SPH Thickness | SPH Removed | Total SPH Removed | Notes | TPH-Gasoline | Benzene | Toluene | Ethyl-Benzene | Xylene | MTBE | Other |
| MW-7 | | | | | | | | | | | | | | |
| 11/30/93 | 8.22 | 2.89 | 5.33 | -- | -- | -- | -- | 480 | 110 | 41 | 4.4 | 38 | -- | -- |
| 01/27/94 | 8.22 | 3.72 | 4.50 | -- | -- | -- | -- | 120 | 21 | 1.1 | 2.2 | 4.8 | -- | -- |
| 04/07/94 | 8.22 | 3.60 | 4.62 | -- | -- | -- | -- | 2600 | 630 | 39 | 56 | 94 | -- | -- |
| 07/01/94 | 8.22 | 3.09 | 5.13 | -- | -- | -- | -- | 2200 | 770 | 42 | <10 | 92 | -- | -- |
| 10/05/94 | 8.22 | 2.61 | 5.61 | -- | -- | -- | -- | 15,000 | 3300 | 90 | 130 | 320 | -- | -- |
| 01/12/95 | 8.22 | 5.39 | 2.83 | -- | -- | -- | -- | 340 | 57 | <1.3 | 18 | 6.4 | -- | -- |
| 04/26/95 | 8.22 | 5.87 | 2.35 | -- | -- | -- | -- | 15,000 | 3700 | 210 | 520 | 800 | -- | -- |
| 07/12/95 | 8.22 | 3.56 | 4.66 | -- | -- | -- | -- | 7700 | 1800 | 59 | 130 | 370 | -- | -- |
| 10/30/95 | 8.22 | 2.74 | 5.48 | -- | -- | -- | -- | 770 | 260 | <5.0 | 33 | 48 | 25 | -- |
| 01/22/96 | 8.22 | 4.88 | 3.34 | -- | -- | -- | -- | 290 | 63 | <1.0 | 6.4 | 5.7 | <5.0 | -- |
| 04/24/96 | 8.22 | 4.10 | 4.12 | -- | -- | -- | -- | 12,000 | 2500 | 510 | 380 | 810 | <125 | -- |
| 07/29/96 | 8.22 | 3.19 | 5.03 | -- | -- | -- | -- | 2600 | 650 | <25 | 61 | 150 | <125 | -- |
| 10/10/96 | 8.22 | 2.70 | 5.52 | -- | -- | -- | -- | 5800 | 1700 | 28 | 170 | 210 | <62 | -- |
| 01/15/97 | 8.22 | 5.30 | 2.92 | -- | -- | -- | -- | 1000 | 230 | <2.5 | 28 | 11 | 63 | -- |
| 04/03/97 | 8.22 | 3.57 | 4.65 | -- | -- | -- | -- | 6000 | 1800 | 100 | 140 | 170 | <100 | -- |
| 07/09/97 | 8.22 | 2.83 | 5.39 | -- | -- | -- | -- | 5500 | 2200 | <20 | 41 | 30 | <100 | -- |
| 10/29/97 | 8.22 | 2.64 | 5.58 | -- | -- | -- | -- | 220 | 40 | 0.61 | 3.0 | 2.4 | 7.6 | -- |
| 01/14/98 | 8.22 | 5.42 | 2.80 | -- | -- | -- | -- | 140 | 5.1 | <0.5 | <0.5 | 1.4 | <2.5 | -- |
| 04/17/98 | 8.22 | 5.22 | 3.00 | -- | -- | -- | -- | 13,000 | 4200 | 98 | 250 | 240 | 250 | -- |
| 07/15/98 | 8.22 | -- | -- | -- | -- | -- | Inaccessible | -- | -- | -- | -- | -- | -- | -- |
| 08/17/98 | 7.92* | 2.40 | 5.52 | -- | -- | -- | -- | 1600 | 380 | 51 | 68 | 280 | 22 | -- |
| 10/27/98 | 7.92 | 0.41 | 7.51 | -- | -- | -- | -- | 190 | 2.3 | 0.53 | <0.5 | <0.5 | 33 | -- |
| 01/20/99 | 7.92 | 4.47 | 3.45 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.0 | -- |
| 04/19/99 | 7.92 | 3.31 | 4.61 | -- | -- | -- | -- | 6500 | 3000 | <0.5 | 110 | 210 | 310 | -- |
| 04/19/99 | 7.92 | 3.31 | 4.61 | -- | -- | -- | Confirmation Run | -- | -- | -- | -- | -- | 150 | -- |
| 07/29/99 | 7.92 | 2.92 | 5.00 | -- | -- | -- | ORC Socks Installed | 8390 | 2100 | 129 | 222 | 729 | 248 | -- |

* Well head elevation altered due to well head maintenance.

Cumulative Table of Well Data and Analytical Results

| Vertical Measurements are in feet. | | | | Volumetric Measurements are in gallons. | | | Analytical results are in parts per billion (ppb) | | | | | | | |
|------------------------------------|-----------------|--------------------|----------------|---|-------------|-------------------|---|---------------|---------|---------|----------------|--------|------|-------|
| DATE | Well Head Elev. | Ground Water Elev. | Depth To Water | SPH Thickness | SPH Removed | Total SPH Removed | Notes | TPH- Gasoline | Benzene | Toluene | Ethyl- Benzene | Xylene | MTBE | Other |
| MW-8 | | | | | | | | | | | | | | |
| 10/17/95 | 6.96 | 2.56 | 4.40 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 10/30/95 | 6.96 | 2.52 | 4.44 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 | -- |
| 01/22/96 | 6.96 | 4.72 | 2.24 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 | -- |
| 04/24/96 | 6.96 | 3.99 | 2.97 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 | -- |
| 07/29/96 | 6.96 | 3.59 | 3.37 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 | -- |
| 10/10/96 | 6.96 | 2.84 | 4.12 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 | -- |
| 01/15/97 | 6.96 | 6.02 | 0.94 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 | -- |
| 04/03/97 | 6.96 | 4.76 | 2.20 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 | -- |
| 07/09/97 | 6.96 | 2.66 | 4.30 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 | -- |
| 10/29/97 | 6.96 | 2.39 | 4.57 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 | -- |
| 01/14/98 | 6.96 | 6.13 | 0.83 | -- | -- | -- | Gauged and sampled annua | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 | -- |
| 01/20/99 | 6.96 | 4.27 | 2.69 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.0 | -- |
| 04/19/99 | 6.96 | 3.20 | 3.76 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

Cumulative Table of Well Data and Analytical Results

| Vertical Measurements are in feet. | | | | Volumetric Measurements are in gallons. | | | Analytical results are in parts per billion (ppb) | | | | | | | |
|------------------------------------|-----------------|--------------------|----------------|---|-------------|-------------------|---|---------------|---------|---------|----------------|--------|------|-------|
| DATE | Well Head Elev. | Ground Water Elev. | Depth To Water | SPH Thickness | SPH Removed | Total SPH Removed | Notes | TPH- Gasoline | Benzene | Toluene | Ethyl- Benzene | Xylene | MTBE | Other |
| MW-9 | | | | | | | | | | | | | | |
| 10/17/95 | 7.21 | 2.41 | 4.80 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 10/30/95 | 7.21 | 2.24 | 4.97 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 | -- |
| 01/22/96 | 7.21 | 3.81 | 3.40 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 | -- |
| 04/24/96 | 7.21 | 3.03 | 4.18 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 | -- |
| 07/29/96 | 7.21 | 2.52 | 4.69 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 | -- |
| 10/10/96 | 7.21 | 2.01 | 5.20 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 | -- |
| 01/15/97 | 7.21 | 3.90 | 3.31 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 | -- |
| 04/03/97 | 7.21 | 2.64 | 4.57 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 | -- |
| 07/09/97 | 7.21 | 2.17 | 5.04 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 | -- |
| 10/29/97 | 7.21 | 2.25 | 4.96 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 | -- |
| 01/14/98 | 7.21 | 4.81 | 2.40 | -- | -- | -- | Gauged and sampled annua | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 | -- |
| 01/20/99 | 7.21 | 2.90 | 4.31 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.0 | -- |
| 04/19/99 | 7.21 | 3.29 | 3.92 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Volumetric Measurements are in gallons.

Analytical results are in parts per billion (ppb)

| DATE | Vertical Measurements are in feet. | | | Volumetric Measurements are in gallons. | | | Notes | Analytical results are in parts per billion (ppb) | | | | | | | |
|--------------------------------|------------------------------------|--------------------|----------------|---|-------------|-------------------|--------------------|---|---------|---------|---------------|--------|------|-------|----|
| | Well Head Elev. | Ground Water Elev. | Depth To Water | SPH Thickness | SPH Removed | Total SPH Removed | | TPH-Gasoline | Benzene | Toluene | Ethyl-Benzene | Xylene | MTBE | Other | |
| MW-10 | | | | | | | | | | | | | | | |
| 10/17/95 | 7.28 | 2.23 | 5.05 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | |
| 10/30/95 | 7.28 | 2.17 | 5.11 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | |
| 01/22/96 | 7.28 | 3.25 | 4.03 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | 5.1 | -- | |
| 04/24/96 | 7.28 | 2.98 | 4.30 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | 0.70 | 17 | -- | |
| 07/29/96 | 7.28 | 2.58 | 4.70 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | 12 | -- | |
| 10/10/96 | 7.28 | 2.04 | 5.24 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | 14 | -- | |
| 01/15/97 | 7.28 | 3.93 | 3.35 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 | -- | |
| 04/03/97 | 7.28 | 2.64 | 4.64 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 | -- | |
| 07/09/97 | 7.28 | 2.16 | 5.12 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | 8.2 | -- | |
| 10/29/97 | 7.28 | 2.18 | 5.10 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 | -- | |
| 01/14/98 | 7.28 | 4.20 | 3.08 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | 5.3 | -- | |
| 04/17/98 | 7.28 | 3.49 | 3.79 | -- | -- | -- | Sampled biannually | <50 | <0.5 | <0.5 | <0.5 | <0.5 | 8.6 | -- | |
| 07/15/98 | 7.28 | 2.73 | 4.55 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | |
| 10/27/98 | 7.28 | 1.96 | 5.32 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | 7.5 | -- | |
| 01/20/99 | 7.28 | 3.04 | 4.24 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | |
| 04/19/99 | 7.28 | 3.21 | 4.07 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.0 | -- | |
| 07/29/99 | 7.28 | 2.46 | 4.82 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | |
| 07/29/99 | 7.28 | 2.46 | 4.82 | -- | -- | -- | Confirmation run | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <5.0 | -- | |
| | | | | | | | | -- | -- | -- | -- | -- | 2.4 | -- | |
| TMW-1 | | | | | | | | | | | | | | | |
| 11/11/93 | -- | -- | -- | -- | -- | -- | -- | -- | <1.0 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- |
| NO LONGER MONITORED OR SAMPLED | | | | | | | | | | | | | | | |
| 3115A GIBBONS DR. | | | | | | | | | | | | | | | |
| 01/14/98 | -- | -- | -- | -- | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 | -- |

Cumulative Table of Well Data and Analytical Results

| Vertical Measurements are in feet. | | | Volumetric Measurements are in gallons. | | | | Analytical results are in parts per billion (ppb) | | | | | | | |
|------------------------------------|-----------------|--------------------|---|---------------|-------------|-------------------|---|--------------|---------|---------|---------------|--------|------|-------|
| DATE | Well Head Elev. | Ground Water Elev. | Depth To Water | SPH Thickness | SPH Removed | Total SPH Removed | Notes | TPH-Gasoline | Benzene | Toluene | Ethyl-Benzene | Xylene | MTBE | Other |
| TRIP BLANK | | | | | | | | | | | | | | |
| 02/14/90 | -- | -- | -- | -- | -- | -- | -- | <50 | <0.5 | 1.1 | <0.5 | <0.5 | -- | -- |
| 09/06/91 | -- | -- | -- | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- |
| 12/15/91 | -- | -- | -- | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- |
| 03/03/92 | -- | -- | -- | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- |
| 06/04/92 | -- | -- | -- | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- |
| 10/13/92 | -- | -- | -- | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- |
| 01/11/93 | -- | -- | -- | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- |
| 04/14/93 | -- | -- | -- | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- |
| 07/13/93 | -- | -- | -- | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- |
| 10/19/93 | -- | -- | -- | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <1.5 | -- | -- |
| 01/27/94 | -- | -- | -- | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- |
| 04/07/94 | -- | -- | -- | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- |
| 07/01/94 | -- | -- | -- | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- |
| 10/05/94 | -- | -- | -- | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- |
| 01/12/95 | -- | -- | -- | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- |
| 04/26/95 | -- | -- | -- | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- |
| 07/12/95 | -- | -- | -- | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- |
| 10/30/95 | -- | -- | -- | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- |
| 01/22/96 | -- | -- | -- | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 | -- |
| 04/24/96 | -- | -- | -- | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 | -- |
| 07/29/96 | -- | -- | -- | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 | -- |
| 10/10/96 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 01/15/97 | -- | -- | -- | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 | -- |
| 04/03/97 | -- | -- | -- | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 | -- |
| 07/09/97 | -- | -- | -- | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 | -- |
| 10/29/97 | -- | -- | -- | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 | -- |
| 01/14/98 | -- | -- | -- | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 | -- |
| 04/17/98 | -- | -- | -- | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 | -- |
| 07/15/98 | -- | -- | -- | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 | -- |
| 10/27/98 | -- | -- | -- | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 | -- |

CONTINUED ON NEXT PAGE

Cumulative Table of Well Data and Analytical Results

| Vertical Measurements are in feet. | | | Volumetric Measurements are in gallons. | | | | Analytical results are in parts per billion (ppb) | | | | | | | |
|------------------------------------|-----------------|--------------------|---|---------------|-------------|-------------------|---|---------------|---------|---------|----------------|--------|------|-------|
| DATE | Well Head Elev. | Ground Water Elev. | Depth To Water | SPH Thickness | SPH Removed | Total SPH Removed | Notes | TPH- Gasoline | Benzene | Toluene | Ethyl- Benzene | Xylene | MTBE | Other |
| TRIP BLANK (CONT'D) | | | | | | | | | | | | | | |
| 01/20/99 | -- | -- | -- | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.0 | -- |
| 04/19/99 | -- | -- | -- | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 | -- |
| 07/29/99 | -- | -- | -- | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <5.0 | -- |

Note: Blaine Tech Services, Inc. began routine monitoring of the groundwater wells at this site on November 1, 1994.
 Earlier field data and analytical results are drawn from the September 27, 1994 Groundwater Technology, Inc. report.

ABBREVIATIONS:
 TPH = Total Petroleum Hydrocarbons
 SPH = Separate-Phase Hydrocarbons
 MTBE = Methyl t-butyl ether

Analytical Appendix



August 10, 1999

Christine Lillie
Blaine Tech Services, Inc.
1680 Rogers Avenue
San Jose, CA 95112-1105

RE: Chevron 9-1153, Alameda, CA/S908033

Dear Christine Lillie

Enclosed are the results of analyses for sample(s) received by the laboratory on July 29, 1999. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Sandra R. Hanson

Sandra R. Hanson
Client Services Representative

CA ELAP Certificate Number 1624





| | | |
|---|--|--|
| Blaine Tech Services, Inc. 1680 Rogers Avenue San Jose, CA 95112-1105 | Project: Chevron 9-1153, Alameda, CA Project Number: N/A Project Manager: Christine Lillie | Sampled: 7/29/99 Received: 7/29/99 Reported: 8/10/99 |
|---|--|--|

ANALYTICAL REPORT FOR S908033

| Sample Description | Laboratory Sample Number | Sample Matrix | Date Sampled |
|--------------------|--------------------------|---------------|--------------|
| MW-5 | S908033-01 | Water | 7/29/99 |
| MW-6 | S908033-02 | Water | 7/29/99 |
| MW-7 | S908033-03 | Water | 7/29/99 |
| MW-10 | S908033-04 | Water | 7/29/99 |
| TB | S908033-05 | Water | 7/29/99 |





| | | |
|---|--|--|
| Blaine Tech Services, Inc. 1680 Rogers Avenue San Jose, CA 95112-1105 | Project: Chevron 9-1153, Alameda, CA Project Number: N/A Project Manager: Christine Lillie | Sampled: 7/29/99 Received: 7/29/99 Reported: 8/10/99 |
|---|--|--|

Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT
Sequoia Analytical - Sacramento

| Analyte | Batch Number | Date Prepared | Date Analyzed | Surrogate Limits | Reporting Limit | Result | Units | Notes* |
|-----------------------------------|--------------|---------------|---------------|-------------------|-----------------|--------|--------------|--------|
| MW-5 | | | | S908033-01 | | | Water | |
| Purgeable Hydrocarbons | 9080040 | 8/5/99 | 8/5/99 | | 50.0 | 246 | ug/l | 1 |
| Benzene | " | " | " | | 0.500 | 1.54 | " | |
| Toluene | " | " | " | | 0.500 | ND | " | |
| Ethylbenzene | " | " | " | | 0.500 | ND | " | |
| Xylenes (total) | " | " | " | | 0.500 | ND | " | |
| Methyl tert-butyl ether | " | " | " | | 5.00 | ND | " | |
| Surrogate: a,a,a-Trifluorotoluene | " | " | " | 60.0-140 | | 90.1 | % | |
| MW-6 | | | | S908033-02 | | | Water | |
| Purgeable Hydrocarbons | 9080053 | 8/9/99 | 8/9/99 | | 5000 | ND | ug/l | D |
| Benzene | " | " | " | | 50.0 | 2590 | " | D |
| Toluene | " | " | " | | 50.0 | ND | " | D |
| Ethylbenzene | " | " | " | | 50.0 | ND | " | D |
| Xylenes (total) | " | " | " | | 50.0 | ND | " | D |
| Methyl tert-butyl ether | " | " | " | | 500 | ND | " | D |
| Surrogate: a,a,a-Trifluorotoluene | " | " | " | 60.0-140 | | 85.3 | % | |
| MW-7 | | | | S908033-03 | | | Water | |
| Purgeable Hydrocarbons | 9080049 | 8/6/99 | 8/6/99 | | 2000 | 8390 | ug/l | 1,D |
| Benzene | " | " | " | | 20.0 | 2100 | " | D |
| Toluene | " | " | " | | 20.0 | 129 | " | D |
| Ethylbenzene | " | " | " | | 20.0 | 222 | " | D |
| Xylenes (total) | " | " | " | | 20.0 | 729 | " | D |
| Methyl tert-butyl ether | " | " | " | | 200 | 248 | " | D |
| Surrogate: a,a,a-Trifluorotoluene | " | " | " | 60.0-140 | | 106 | % | |
| MW-10 | | | | S908033-04 | | | Water | |
| Purgeable Hydrocarbons | 9080049 | 8/6/99 | 8/6/99 | | 50.0 | ND | ug/l | |
| Benzene | " | " | " | | 0.500 | ND | " | |
| Toluene | " | " | " | | 0.500 | ND | " | |
| Ethylbenzene | " | " | " | | 0.500 | ND | " | |
| Xylenes (total) | " | " | " | | 0.500 | ND | " | |
| Methyl tert-butyl ether | " | " | " | | 5.00 | ND | " | |
| Surrogate: a,a,a-Trifluorotoluene | " | " | " | 60.0-140 | | 95.1 | % | |
| TB | | | | S908033-05 | | | Water | |
| Purgeable Hydrocarbons | 9080049 | 8/6/99 | 8/6/99 | | 50.0 | ND | ug/l | |
| Benzene | " | " | " | | 0.500 | ND | " | |
| Toluene | " | " | " | | 0.500 | ND | " | |
| Ethylbenzene | " | " | " | | 0.500 | ND | " | |
| Xylenes (total) | " | " | " | | 0.500 | ND | " | |





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| Blaine Tech Services, Inc. 1680 Rogers Avenue San Jose, CA 95112-1105 | Project: Chevron 9-1153, Alameda, CA Project Number: N/A Project Manager: Christine Lillie | Sampled: 7/29/99 Received: 7/29/99 Reported: 8/10/99 |
|---|--|--|

**Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT
Sequoia Analytical - Sacramento**

| Analyte | Batch Number | Date Prepared | Date Analyzed | Surrogate Limits | Reporting Limit | Result | Units | Notes* |
|-----------------------------------|--------------|---------------|---------------|-------------------|-----------------|--------|--------------|--------|
| TB (continued) | | | | S908033-05 | | | Water | |
| Methyl tert-butyl ether | 9080049 | 8/6/99 | 8/6/99 | | 5.00 | ND | ug/l | |
| Surrogate: a,a,a-Trifluorotoluene | " | " | " | 60.0-140 | | 97.4 | % | |





| | | |
|---|--|--|
| Blaine Tech Services, Inc. 1680 Rogers Avenue San Jose, CA 95112-1105 | Project: Chevron 9-1153, Alameda, CA Project Number: N/A Project Manager: Christine Lillie | Sampled: 7/29/99 Received: 7/29/99 Reported: 8/10/99 |
|---|--|--|

**MTBE by EPA Method 8260A
Sequoia Analytical - Sacramento**

| Analyte | Batch Number | Date Prepared | Date Analyzed | Surrogate Limits | Reporting Limit | Result | Units | Notes* |
|-------------------------|--------------|---------------|---------------|-------------------|-----------------|--------|--------------|--------|
| MW-5 | | | | S908033-01 | | | Water | |
| Methyl tert-butyl ether | 9080054 | 8/6/99 | 8/6/99 | | 2.00 | ND | ug/l | |
| Surrogate: 1,2-DCA-d4 | " | " | " | 60.0-140 | | 118 | % | |
| MW-10 | | | | S908033-04 | | | Water | |
| Methyl tert-butyl ether | 9080056 | 8/9/99 | 8/9/99 | | 2.00 | 2.40 | ug/l | |
| Surrogate: 1,2-DCA-d4 | " | " | " | 60.0-140 | | 105 | % | |





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| Blaine Tech Services, Inc. 1680 Rogers Avenue San Jose, CA 95112-1105 | Project: Chevron 9-1153, Alameda, CA Project Number: N/A Project Manager: Christine Lillie | Sampled: 7/29/99 Received: 7/29/99 Reported: 8/10/99 |
|---|--|--|

**Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT/Quality Control
Sequoia Analytical - Sacramento**

| Analyte | Date Analyzed | Spike Level | Sample Result | QC Result | Units | Reporting Limit Recov. Limits | Recov. % | RPD Limit | RPD % | Notes* |
|--|---------------|------------------------------|---------------|-------------------|---|-------------------------------|----------|-----------|-------|--------|
| Batch: 9080040 | | Date Prepared: 8/5/99 | | | Extraction Method: EPA 5030B (P/T) | | | | | |
| Blank | | 9080040-BLK1 | | | | | | | | |
| Purgeable Hydrocarbons | 8/5/99 | | | ND | ug/l | 50.0 | | | | |
| Benzene | " | | | ND | " | 0.500 | | | | |
| Toluene | " | | | ND | " | 0.500 | | | | |
| Ethylbenzene | " | | | ND | " | 0.500 | | | | |
| Xylenes (total) | " | | | ND | " | 0.500 | | | | |
| Methyl tert-butyl ether | " | | | ND | " | 5.00 | | | | |
| <i>Surrogate: a,a,a-Trifluorotoluene</i> | " | 10.0 | | 10.4 | " | 60.0-140 | | 104 | | |
| LCS | | 9080040-BS1 | | | | | | | | |
| Benzene | 8/5/99 | 10.0 | | 10.2 | ug/l | 70.0-130 | | 102 | | |
| Toluene | " | 10.0 | | 10.7 | " | 70.0-130 | | 107 | | |
| Ethylbenzene | " | 10.0 | | 10.8 | " | 70.0-130 | | 108 | | |
| Xylenes (total) | " | 30.0 | | 30.5 | " | 70.0-130 | | 102 | | |
| Methyl tert-butyl ether | " | 10.0 | | 11.4 | " | 70.0-130 | | 114 | | |
| <i>Surrogate: a,a,a-Trifluorotoluene</i> | " | 10.0 | | 10.3 | " | 60.0-140 | | 103 | | |
| Matrix Spike | | 9080040-MS1 | | S908025-02 | | | | | | |
| Benzene | 8/5/99 | 10.0 | ND | 9.90 | ug/l | 60.0-140 | | 99.0 | | |
| Toluene | " | 10.0 | ND | 10.4 | " | 60.0-140 | | 104 | | |
| Ethylbenzene | " | 10.0 | ND | 10.4 | " | 60.0-140 | | 104 | | |
| Xylenes (total) | " | 30.0 | ND | 28.0 | " | 60.0-140 | | 93.3 | | |
| Methyl tert-butyl ether | " | 10.0 | ND | 13.4 | " | 60.0-140 | | 134 | | |
| <i>Surrogate: a,a,a-Trifluorotoluene</i> | " | 10.0 | | 10.2 | " | 60.0-140 | | 102 | | |
| Matrix Spike Dup | | 9080040-MSD1 | | S908025-02 | | | | | | |
| Benzene | 8/5/99 | 10.0 | ND | 9.99 | ug/l | 60.0-140 | | 99.9 | 25.0 | 0.905 |
| Toluene | " | 10.0 | ND | 10.1 | " | 60.0-140 | | 101 | 25.0 | 2.93 |
| Ethylbenzene | " | 10.0 | ND | 10.6 | " | 60.0-140 | | 106 | 25.0 | 1.90 |
| Xylenes (total) | " | 30.0 | ND | 28.4 | " | 60.0-140 | | 94.7 | 25.0 | 1.49 |
| Methyl tert-butyl ether | " | 10.0 | ND | 12.7 | " | 60.0-140 | | 127 | 25.0 | 5.36 |
| <i>Surrogate: a,a,a-Trifluorotoluene</i> | " | 10.0 | | 10.1 | " | 60.0-140 | | 101 | | |
| Batch: 9080049 | | Date Prepared: 8/6/99 | | | Extraction Method: EPA 5030B (P/T) | | | | | |
| Blank | | 9080049-BLK1 | | | | | | | | |
| Purgeable Hydrocarbons | 8/6/99 | | | ND | ug/l | 50.0 | | | | |
| Benzene | " | | | ND | " | 0.500 | | | | |
| Toluene | " | | | ND | " | 0.500 | | | | |
| Ethylbenzene | " | | | ND | " | 0.500 | | | | |
| Xylenes (total) | " | | | ND | " | 0.500 | | | | |
| Methyl tert-butyl ether | " | | | ND | " | 5.00 | | | | |





| | | |
|---|--|--|
| Blaine Tech Services, Inc. 1680 Rogers Avenue San Jose, CA 95112-1105 | Project: Chevron 9-1153, Alameda, CA Project Number: N/A Project Manager: Christine Lillie | Sampled: 7/29/99 Received: 7/29/99 Reported: 8/10/99 |
|---|--|--|

**Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT/Quality Control
 Sequoia Analytical - Sacramento**

| Analyte | Date Analyzed | Spike Level | Sample Result | QC Result | Units | Reporting Limit Recov. Limits | Recov. % | RPD Limit | RPD % | Notes* |
|-----------------------------------|------------------------------|---|-------------------|-----------|-------|----------------------------------|----------|-----------|-------|--------|
| Blank (continued) | | 9080049-BLK1 | | | | | | | | |
| Surrogate: a,a,a-Trifluorotoluene | 8/6/99 | 10.0 | | 9.96 | ug/l | 60.0-140 | 99.6 | | | |
| LCS | | 9080049-BS1 | | | | | | | | |
| Benzene | 8/6/99 | 10.0 | | 10.2 | ug/l | 70.0-130 | 102 | | | |
| Toluene | " | 10.0 | | 10.4 | " | 70.0-130 | 104 | | | |
| Ethylbenzene | " | 10.0 | | 10.5 | " | 70.0-130 | 105 | | | |
| Xylenes (total) | " | 30.0 | | 28.3 | " | 70.0-130 | 94.3 | | | |
| Methyl tert-butyl ether | " | 10.0 | | 11.4 | " | 70.0-130 | 114 | | | |
| Surrogate: a,a,a-Trifluorotoluene | " | 10.0 | | 10.1 | " | 60.0-140 | 101 | | | |
| Matrix Spike | | 9080049-MS1 | S908038-02 | | | | | | | |
| Benzene | 8/6/99 | 10.0 | ND | 9.96 | ug/l | 60.0-140 | 99.6 | | | |
| Toluene | " | 10.0 | ND | 10.6 | " | 60.0-140 | 106 | | | |
| Ethylbenzene | " | 10.0 | ND | 10.6 | " | 60.0-140 | 106 | | | |
| Xylenes (total) | " | 30.0 | ND | 28.5 | " | 60.0-140 | 95.0 | | | |
| Methyl tert-butyl ether | " | 10.0 | ND | 10.9 | " | 60.0-140 | 109 | | | |
| Surrogate: a,a,a-Trifluorotoluene | " | 10.0 | | 10.0 | " | 60.0-140 | 100 | | | |
| Matrix Spike Dup | | 9080049-MSD1 | S908038-02 | | | | | | | |
| Benzene | 8/6/99 | 10.0 | ND | 9.85 | ug/l | 60.0-140 | 98.5 | 25.0 | 1.11 | |
| Toluene | " | 10.0 | ND | 9.97 | " | 60.0-140 | 99.7 | 25.0 | 6.13 | |
| Ethylbenzene | " | 10.0 | ND | 10.4 | " | 60.0-140 | 104 | 25.0 | 1.90 | |
| Xylenes (total) | " | 30.0 | ND | 28.0 | " | 60.0-140 | 93.3 | 25.0 | 1.81 | |
| Methyl tert-butyl ether | " | 10.0 | ND | 10.8 | " | 60.0-140 | 108 | 25.0 | 0.922 | |
| Surrogate: a,a,a-Trifluorotoluene | " | 10.0 | | 9.93 | " | 60.0-140 | 99.3 | | | |
| Batch: 9080053 | Date Prepared: 8/9/99 | Extraction Method: EPA 5030B (P/T) | | | | | | | | |
| Blank | | 9080053-BLK1 | | | | | | | | |
| Purgeable Hydrocarbons | 8/9/99 | | | ND | ug/l | | 50.0 | | | |
| Benzene | " | | | ND | " | | 0.500 | | | |
| Toluene | " | | | ND | " | | 0.500 | | | |
| Ethylbenzene | " | | | ND | " | | 0.500 | | | |
| Xylenes (total) | " | | | ND | " | | 0.500 | | | |
| Methyl tert-butyl ether | " | | | ND | " | | 5.00 | | | |
| Surrogate: a,a,a-Trifluorotoluene | " | 10.0 | | 9.14 | " | 60.0-140 | 91.4 | | | |
| LCS | | 9080053-BS1 | | | | | | | | |
| Benzene | 8/9/99 | 10.0 | | 9.38 | ug/l | 70.0-130 | 93.8 | | | |
| Toluene | " | 10.0 | | 9.67 | " | 70.0-130 | 96.7 | | | |
| Ethylbenzene | " | 10.0 | | 9.63 | " | 70.0-130 | 96.3 | | | |
| Xylenes (total) | " | 30.0 | | 29.0 | " | 70.0-130 | 96.7 | | | |





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| Blaine Tech Services, Inc. 1680 Rogers Avenue San Jose, CA 95112-1105 | Project: Chevron 9-1153, Alameda, CA Project Number: N/A Project Manager: Christine Lillie | Sampled: 7/29/99 Received: 7/29/99 Reported: 8/10/99 |
|---|--|--|

Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT/Quality Control
Sequoia Analytical - Sacramento

| Analyte | Date Analyzed | Spike Level | Sample Result | QC Result | Units | Reporting Limit Recov. Limits | Recov. % | RPD Limit | RPD % | Notes* |
|-----------------------------------|---------------------|-------------|-------------------|-----------|-------|----------------------------------|----------|-----------|-------|--------|
| LCS (continued) | | | | | | | | | | |
| | 9080053-BS1 | | | | | | | | | |
| Methyl tert-butyl ether | 8/9/99 | 10.0 | | 11.0 | ug/l | 70.0-130 | 110 | | | |
| Surrogate: a,a,a-Trifluorotoluene | " | 10.0 | | 9.22 | " | 60.0-140 | 92.2 | | | |
| Matrix Spike | | | | | | | | | | |
| | 9080053-MS1 | | S908089-02 | | | | | | | |
| Benzene | 8/9/99 | 10.0 | ND | 8.97 | ug/l | 60.0-140 | 89.7 | | | |
| Toluene | " | 10.0 | ND | 9.13 | " | 60.0-140 | 91.3 | | | |
| Ethylbenzene | " | 10.0 | ND | 9.17 | " | 60.0-140 | 91.7 | | | |
| Xylenes (total) | " | 30.0 | ND | 27.9 | " | 60.0-140 | 93.0 | | | |
| Methyl tert-butyl ether | " | 10.0 | ND | 11.7 | " | 60.0-140 | 117 | | | |
| Surrogate: a,a,a-Trifluorotoluene | " | 10.0 | | 8.15 | " | 60.0-140 | 81.5 | | | |
| Matrix Spike Dup | | | | | | | | | | |
| | 9080053-MSD1 | | S908089-02 | | | | | | | |
| Benzene | 8/9/99 | 10.0 | ND | 9.13 | ug/l | 60.0-140 | 91.3 | 25.0 | 1.77 | |
| Toluene | " | 10.0 | ND | 9.30 | " | 60.0-140 | 93.0 | 25.0 | 1.84 | |
| Ethylbenzene | " | 10.0 | ND | 9.48 | " | 60.0-140 | 94.8 | 25.0 | 3.32 | |
| Xylenes (total) | " | 30.0 | ND | 28.5 | " | 60.0-140 | 95.0 | 25.0 | 2.13 | |
| Methyl tert-butyl ether | " | 10.0 | ND | 12.1 | " | 60.0-140 | 121 | 25.0 | 3.36 | |
| Surrogate: a,a,a-Trifluorotoluene | " | 10.0 | | 9.64 | " | 60.0-140 | 96.4 | | | |





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| Blaine Tech Services, Inc. 1680 Rogers Avenue San Jose, CA 95112-1105 | Project: Chevron 9-1153, Alameda, CA Project Number: N/A Project Manager: Christine Lillie | Sampled: 7/29/99 Received: 7/29/99 Reported: 8/10/99 |
|---|--|--|

**MTBE by EPA Method 8260A/Quality Control
Sequoia Analytical - Sacramento**

| Analyte | Date Analyzed | Spike Level | Sample Result | QC Result | Units | Reporting Limit Recov. Limits | Recov. % | RPD Limit | RPD % | Notes* |
|---|---------------|-------------|---------------|-----------|-------|----------------------------------|----------|-----------|-------|--------|
| Batch: 9080054 | | | | | | | | | | |
| Blank | | | | | | | | | | |
| Date Prepared: 8/6/99 | | | | | | | | | | |
| Extraction Method: EPA 5030B (P/T) | | | | | | | | | | |
| 9080054-BLK1 | | | | | | | | | | |
| Methyl tert-butyl ether | 8/6/99 | | | ND | ug/l | 2.00 | | | | |
| Surrogate: 1,2-DCA-d4 | " | 50.0 | | 59.6 | " | 60.0-140 | 119 | | | |
| LCS | | | | | | | | | | |
| 9080054-BS1 | | | | | | | | | | |
| Methyl tert-butyl ether | 8/6/99 | 50.0 | | 56.2 | ug/l | 70.0-130 | 112 | | | |
| Surrogate: 1,2-DCA-d4 | " | 50.0 | | 62.4 | " | 60.0-140 | 125 | | | |
| LCS Dup | | | | | | | | | | |
| 9080054-BSD1 | | | | | | | | | | |
| Methyl tert-butyl ether | 8/6/99 | 50.0 | | 53.8 | ug/l | 70.0-130 | 108 | 25.0 | 3.64 | |
| Surrogate: 1,2-DCA-d4 | " | 50.0 | | 61.0 | " | 60.0-140 | 122 | | | |
| Matrix Spike | | | | | | | | | | |
| 9080054-MS1 S908025-02 | | | | | | | | | | |
| Methyl tert-butyl ether | 8/6/99 | 50.0 | ND | 54.8 | ug/l | 60.0-140 | 110 | | | |
| Surrogate: 1,2-DCA-d4 | " | 50.0 | | 61.0 | " | 60.0-140 | 122 | | | |
| Matrix Spike Dup | | | | | | | | | | |
| 9080054-MSD1 S908025-02 | | | | | | | | | | |
| Methyl tert-butyl ether | 8/6/99 | 50.0 | ND | 54.4 | ug/l | 60.0-140 | 109 | 25.0 | 0.913 | |
| Surrogate: 1,2-DCA-d4 | " | 50.0 | | 62.8 | " | 60.0-140 | 126 | | | |
| Batch: 9080056 | | | | | | | | | | |
| Blank | | | | | | | | | | |
| Date Prepared: 8/9/99 | | | | | | | | | | |
| Extraction Method: EPA 5030B (P/T) | | | | | | | | | | |
| 9080056-BLK1 | | | | | | | | | | |
| Methyl tert-butyl ether | 8/9/99 | | | ND | ug/l | 2.00 | | | | |
| Surrogate: 1,2-DCA-d4 | " | 50.0 | | 57.4 | " | 60.0-140 | 115 | | | |
| Blank | | | | | | | | | | |
| 9080056-BLK2 | | | | | | | | | | |
| Methyl tert-butyl ether | 8/10/99 | | | ND | ug/l | 2.00 | | | | |
| Surrogate: 1,2-DCA-d4 | " | 50.0 | | 0.0552 | " | 60.0-140 | 0.110 | | | |
| LCS | | | | | | | | | | |
| 9080056-BS1 | | | | | | | | | | |
| Methyl tert-butyl ether | 8/9/99 | 50.0 | | 52.2 | ug/l | 70.0-130 | 104 | | | |
| Surrogate: 1,2-DCA-d4 | " | 50.0 | | 57.2 | " | 60.0-140 | 114 | | | |
| LCS Dup | | | | | | | | | | |
| 9080056-BSD1 | | | | | | | | | | |
| Methyl tert-butyl ether | 8/9/99 | 50.0 | | 55.0 | ug/l | 70.0-130 | 110 | 25.0 | 5.61 | |
| Surrogate: 1,2-DCA-d4 | " | 50.0 | | 60.6 | " | 60.0-140 | 121 | | | |
| Matrix Spike | | | | | | | | | | |
| 9080056-MS1 S908025-05 | | | | | | | | | | |
| Methyl tert-butyl ether | 8/9/99 | 50.0 | ND | 53.8 | ug/l | 60.0-140 | 108 | | | |
| Surrogate: 1,2-DCA-d4 | " | 50.0 | | 58.0 | " | 60.0-140 | 116 | | | |





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| Blaine Tech Services, Inc. 1680 Rogers Avenue San Jose, CA 95112-1105 | Project: Chevron 9-1153, Alameda, CA Project Number: N/A Project Manager: Christine Lillie | Sampled: 7/29/99 Received: 7/29/99 Reported: 8/10/99 |
|---|--|--|

**MTBE by EPA Method 8260A/Quality Control
Sequoia Analytical - Sacramento**

| Analyte | Date Analyzed | Spike Level | Sample Result | QC Result | Units | Reporting Limit Recov. Limits | Recov. % | RPD Limit | RPD % | Notes* |
|-------------------------|---------------------|-------------------|---------------|-----------|-------|----------------------------------|-------------|--------------|----------|--------|
| Matrix Spike Dup | 9080056-MSD1 | S908025-05 | | | | | | | | |
| Methyl tert-butyl ether | 8/9/99 | 50.0 | ND | 55.8 | ug/l | 60.0-140 | 112 | 25.0 | 3.64 | |
| Surrogate: 1,2-DCA-d4 | " | 50.0 | | 59.2 | " | 60.0-140 | 118 | | | |





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| Blaine Tech Services, Inc. 1680 Rogers Avenue San Jose, CA 95112-1105 | Project: Chevron 9-1153, Alameda, CA Project Number: N/A Project Manager: Christine Lillie | Sampled: 7/29/99 Received: 7/29/99 Reported: 8/10/99 |
|---|--|--|

Notes and Definitions

| # | Note |
|--------|--|
| D | Data reported from a dilution. |
| 1 | Chromatogram Pattern: Weathered Gasoline C6-C12 |
| DET | Analyte DETECTED |
| ND | Analyte NOT DETECTED at or above the reporting limit |
| NR | Not Reported |
| dry | Sample results reported on a dry weight basis |
| Recov. | Recovery |
| RPD | Relative Percent Difference |



Fax copy of Lab Report and COC to Chevron Contact: Yes No

Chain-of-Custody-Record

| | | |
|--|---|---|
| Chevron Products Co. P.O. BOX 6004 San Ramon, CA 94583 FAX (925)842-8370 | Chevron Facility Number <u>9-1153</u> Facility Address <u>3126 Fernside Blvd., Alameda</u> Consultant Project Number _____ Consultant Name <u>BLAINE TECH SERVICE, INC.</u> Address <u>1680 ROGERS AVE., SAN JOSE</u> Project Contact (Name) <u>CHRISTINE LILLIE</u> (Phone) <u>408-573-0555</u> (Fax Number) <u>408-573-7771</u> | Chevron Contact (Name) <u>PHIL BRIGGS</u> (Phone) <u>(925) 842-9136</u> Laboratory Name <u>SEQUOIA</u> Laboratory Service Order <u>9144488</u> Laboratory Service Code <u>ZZ02800</u> Samples Collected by (Name) <u>MATTHEW SMITH</u> Signature <u>Matthew Smith</u> |
|--|---|---|

| Sample Number | Number of Containers | Matrix S = Soil W = Water C = Charcoal | Sample Preservation | Date/Time | State Method: <input type="checkbox"/> CA <input type="checkbox"/> OR <input type="checkbox"/> WA <input type="checkbox"/> NW Series <input type="checkbox"/> CO <input type="checkbox"/> UT | | | | | | | | | | | | | Remarks | | | | | | | | |
|---------------|----------------------|---|---------------------|---------------|--|------------------------------|-------------------|-------------------|------------------------------|---------------------------|-----------------------------|-----------------------|--|-------------|------------------------|-----------|----------------|---------|----------------|--|--|--|--|--|--|--|
| | | | | | BTEX/MTBE+TPH GAS (8020 + 8015) | BTEX + TPH GAS (8020 + 8015) | TPH Diesel (8015) | Oxygenates (8260) | Purgeable Halocarbons (8010) | Purgeable Organics (8260) | Extractable Organics (8270) | Oil and Grease (8520) | Metals (ICAP or AA) Cd, Cr, Pb, Zn, Ni | BTEX (8020) | BTEX/MTBE/Naph. (8020) | TPH - HCD | TPH-D Extended | | Lab Sample No. | | | | | | | |
| MW-5 | 6 | W | ADW HCL VOPS | 7/29/99 10:45 | X | | | | | | | | | | | | | | | | | | | | | |
| MW-6 | 3 | | | 7/29/99 9:25 | X | | | | | | | | | | | | | | | | | | | | | |
| MW-7 | 3 | | | 7/29/99 9:51 | X | | | | | | | | | | | | | | | | | | | | | |
| MW-10 | 6 | V | | 7/29/99 10:16 | X | | | | | | | | | | | | | | | | | | | | | |
| TB | 2 | X | | 7/29/99 | X | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | |
|---|-----------------------------|-----------------------------|--|--------------------------------|-----------------------------|----------|--|
| Reinquisitioned By (Signature) <u>Matthew L. Smith</u> | Organization <u>BTB</u> | Date/Time <u>7/29/99</u> | Received By (Signature) <u>[Signature]</u> | Organization <u>SEQUOIA</u> | Date/Time <u>7/29/99</u> | Iced Y/N | Turn Around Time (Circle Choice) <input type="radio"/> 24 Hrs. <input type="radio"/> 48 Hrs. <input type="radio"/> 5 Days <input type="radio"/> 10 Days <input type="radio"/> As Contracted |
| Reinquisitioned By (Signature) | Organization | Date/Time | Received By (Signature) <u>[Signature]</u> | Organization | Date/Time <u>7/29/99</u> | Iced Y/N | |
| Reinquisitioned By (Signature) <u>[Signature]</u> | Organization <u>SAMH</u> | Date/Time <u>8/2/99</u> | Received For Laboratory By (Signature) <u>[Signature]</u> | | Date/Time <u>8/2/99</u> | Iced Y/N | |

Field Data Sheets

CHEVRON WELL MONITORING DATA SHEET

| | |
|-----------------------------|--|
| Project #: 990729-L1 | Station #: 9-1153 |
| Sampler: Patrick | Date: 7-29-99 |
| Well I.D.: C-1 | Well Diameter: 2 3 4 6 8 |
| Total Well Depth: 17.14 | Depth to Water: 3.76 |
| Depth to Free Product: 3.74 | Thickness of Free Product (feet): 0.02 |
| Referenced to: PVC Grade | D.O. Meter (if req'd): YSI HACH |

| Well Diameter | Multiplier | Well Diameter | Multiplier |
|---------------|------------|---------------|-----------------------------|
| 2" | 0.16 | 5" | 1.02 |
| 3" | 0.37 | 6" | 1.47 |
| 4" | 0.65 | Other | radius ² * 0.163 |

Purge Method:

Bailer
 Disposable Bailer
 Middleburg
 Electric Submersible
 Extraction Pump
 Other: _____

Sampling Method:

Bailer
 Disposable Bailer
 Extraction Port
 Other: _____

| | | | | | |
|-----------------------|---|-------------------|---|-------------------|-------|
| _____ | X | _____ | = | _____ | Gals. |
| 1 Case Volume (Gals.) | | Specified Volumes | | Calculated Volume | |

| Time | Temp (°F) | pH | Cond. | Gals. Removed | Observations |
|------|-----------|----|-------|---------------|---|
| | | | | | * MEASURED (0.02) F.P. - NOT SAMPLED |
| | | | | | - BAILED OUT 50ml FP / 1 GAL H ₂ O |
| 1110 | | | | | SAMPLED FP/SPH |
| | | | | | |
| | | | | | |

Did well dewater? Yes No Gallons actually evacuated: 1.0

Sampling Time: 1110 Sampling Date: 7-29-99

Sample I.D.: SPH-C1 Laboratory: Sequoia CORE N. Creek Assoc. Labs

Analyzed for: ~~TPH-G~~ ~~BTEX~~ ~~MTBE~~ TPH-D Other: CHEV REF MAT 1D.

Duplicate I.D.: Analyzed for: TPH-G BTEX MTBE TPH-D Other:

| | | | | |
|------------------|--------------------|------------|-------------|-------------|
| D.O. (if req'd): | Pre-purge: | mg/L | Post-purge: | mg/L |
| | O.R.P. (if req'd): | Pre-purge: | mV | Post-purge: |

CHEVRON WELL MONITORING DATA SHEET

| | |
|-----------------------------------|-----------------------------------|
| Project #: <u>990729L1</u> | Station #: <u>9-1153</u> |
| Sampler: <u>Matt Smith</u> | Date: <u>7/29/99</u> |
| Well I.D.: <u>MW-5</u> | Well Diameter: <u>(2)</u> 3 4 6 8 |
| Total Well Depth: <u>12.98</u> | Depth to Water: <u>3.43</u> |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: <u>(PVC)</u> Grade | D.O. Meter (if req'd): YSI HACH |

| Well Diameter | Multiplier | Well Diameter | Multiplier |
|---------------|------------|---------------|-----------------------------|
| 2" | 0.16 | 5" | 1.02 |
| 3" | 0.37 | 6" | 1.47 |
| 4" | 0.65 | Other | radius ² * 0.163 |

Purge Method: Bailer Sampling Method: Bailer
~~Disposable Bailer~~ ~~Disposable Bailer~~
 Middleburg Extraction Port
 Electric Submersible
 Extraction Pump Other: _____
 Other: _____

| | | | | | |
|-----------------------|---|-------------------|---|-------------------|-------|
| <u>1.5</u> | x | <u>3</u> | = | <u>4.5</u> | Gals. |
| 1 Case Volume (Gals.) | | Specified Volumes | | Calculated Volume | |

| Time | Temp (°F) | pH | Cond. | Gals. Removed | Observations |
|-------|-----------|-----|-------|---------------|--------------|
| 10:40 | 68.2 | 6.6 | 1080 | 1.5 | |
| 10:42 | 67.9 | 6.7 | 1060 | 3.0 | |
| 10:44 | 67.0 | 6.7 | 1040 | 4.5 | |
| | | | | | |
| | | | | | |

Did well dewater? Yes (No) Gallons actually evacuated: 4.5

Sampling Time: 10:45 Sampling Date: 7-29-99

Sample I.D.: MW-5 Laboratory: (Sequoia) GTEL N. Creek Assoc. Labs

Analyzed for: (TPH-G) (BTEX) (MTBE) TPH-D Other: 8260 (3 EXTRA)

Duplicate I.D.: MW-5 Analyzed for: TPH-G BTEX MTBE TPH-D Other:

| | | | | |
|--------------------|------------|------|-------------|------|
| D.O. (if req'd): | Pre-purge: | mg/L | Post-purge: | mg/L |
| O.R.P. (if req'd): | Pre-purge: | mV | Post-purge: | mV |

CHEVRON WELL MONITORING DATA SHEET

| | |
|----------------------------|-----------------------------------|
| Project #: 990729-L1 | Station #: 9-1153 |
| Sampler: LAD | Date: 7-29-99 |
| Well I.D.: MW-6 | Well Diameter: (2) 3 4 6 8 |
| Total Well Depth: 13.70 | Depth to Water: 4.34 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: (PVC) Grade | D.O. Meter (if req'd): (YSI) HACH |

| Well Diameter | Multiplier | Well Diameter | Multiplier |
|---------------|------------|---------------|-----------------------------|
| 2" | 0.16 | 5" | 1.02 |
| 3" | 0.37 | 6" | 1.47 |
| 4" | 0.65 | Other | radius ² * 0.163 |

Purge Method: Bailer
 Disposable Bailer
 Middleburg
 Electric Submersible
 Extraction Pump
 Other: _____

Sampling Method: Bailer
 Disposable Bailer
 Extraction Port
 Other: _____

| | | | | | |
|-----------------------|---|-------------------|---|-------------------|-------|
| 1.5 | x | 3 | = | 4.5 | Gals. |
| 1 Case Volume (Gals.) | | Specified Volumes | | Calculated Volume | |

| Time | Temp (°F) | pH | Cond. | Gals. Removed | Observations |
|-------------------------|-----------|-----|-------|---------------|------------------|
| 9:16 | 67.5 | 8.5 | 1490 | 1.5 | REMOVED ORC'S TO |
| 9:19 | 66.6 | 7.6 | 1460 | 3 | GAUGE/DO/SAMPLE |
| 9:22 | 66.1 | 7.3 | 1400 | 4.5 | |
| * INSTALLED 8 NEW ORC'S | | | | | |

Did well dewater? Yes No Gallons actually evacuated: 4.5

Sampling Time: 9:25 Sampling Date: 9-29-99

Sample I.D.: MW-6 Laboratory: (Sequoia) GTEL N. Creek Assoc. Labs

Analyzed for: (TPH-G) (BTEX) (MTBE) TPH-D Other: _____

Duplicate I.D.: _____ Analyzed for: TPH-G BTEX MTBE TPH-D Other: _____

| | | |
|--------------------|----------------------|------------------------|
| D.O. (if req'd): | Pre-purge: 12.0 mg/L | Post-purge: _____ mg/L |
| O.R.P. (if req'd): | Pre-purge: _____ mV | Post-purge: _____ mV |

CHEVRON WELL MONITORING DATA SHEET

| | |
|--------------------------|-----------------------------------|
| Project #: 990729-L1 | Station #: 9-1153 |
| Sampler: MATTHEW SMITH | Date: 7-29-99 |
| Well I.D.: MW-7 | Well Diameter: (2) 3 4 6 8 |
| Total Well Depth: 14.15 | Depth to Water: 5.0 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: PVC Grade | D.O. Meter (if req'd): YSI HACH |

| Well Diameter | Multiplier | Well Diameter | Multiplier |
|---------------|------------|---------------|-----------------------------|
| 2" | 0.16 | 5" | 1.02 |
| 3" | 0.37 | 6" | 1.47 |
| 4" | 0.65 | Other | radius ² * 0.163 |

Purge Method: Bailer Sampling Method: Bailer
Disposable Bailer Disposable Bailer
 Middleburg Extraction Port
 Electric Submersible
 Extraction Pump Other: _____
 Other: _____

| | | | | | |
|-----------------------|---|-------------------|---|-------------------|-------|
| <u>1.5</u> | x | <u>3</u> | = | <u>4.5</u> | Gals. |
| 1 Case Volume (Gals.) | | Specified Volumes | | Calculated Volume | |

| Time | Temp (°F) | pH | Cond. | Gals. Removed | Observations |
|-------------------------|-----------|-----|-------|---------------|--------------------|
| 9:43 | 70.9 | 7.7 | 1720 | 1.5 | ODOR |
| 9:46 | 69.5 | 7.6 | 1700 | 3.0 | * REMOVED ORC'S TO |
| 9:49 | 69.1 | 7.6 | 1690 | 4.5 | GAUGE/DO/SAMPLE |
| * INSTALLED 7 NEW ORC'S | | | | | |

Did well dewater? Yes No Gallons actually evacuated: 4.5

Sampling Time: 9:51 Sampling Date: 9/29/99

Sample I.D.: MW-7 Laboratory: Sequoia GTEL N. Creek Assoc. Labs

Analyzed for: TPH-G BTEX MTBE TPH-D Other: _____

Duplicate I.D.: _____ Analyzed for: TPH-G BTEX MTBE TPH-D Other: _____

| | | |
|---------------------------------|----------------------------|------------------------|
| D.O. (if req'd): 0.0 | Pre-purge: <u>.88</u> mg/L | Post-purge: _____ mg/L |
| O.R.P. (if req'd): _____ | Pre-purge: _____ mV | Post-purge: _____ mV |

CHEVRON WELL MONITORING DATA SHEET

| | |
|--------------------------|-----------------------------------|
| Project #: 990729-L1 | Station #: 9-1153 |
| Sampler: Patrick | Date: 7-29-99 |
| Well I.D.: MW-10 | Well Diameter: (2) 3 4 6 8 |
| Total Well Depth: 8.83 | Depth to Water: 4.82 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: PVC Grade | D.O. Meter (if req'd): YSI HACH |

| Well Diameter | Multiplier | Well Diameter | Multiplier |
|---------------|------------|---------------|-----------------------------|
| 2" | 0.16 | 5" | 1.02 |
| 3" | 0.37 | 6" | 1.47 |
| 4" | 0.65 | Other | radius ² * 0.163 |

Purge Method:

- Bailer
- Disposable Bailer
- Middleburg
- Electric Submersible
- Extraction Pump

Sampling Method:

- Bailer
- Disposable Bailer
- Extraction Port

Other: _____

Other: _____

| | | | | | |
|-----------------------|---|-------------------|---|-------------------|-------|
| .6 | x | 3 | = | 1.8 | Gals. |
| 1 Case Volume (Gals.) | | Specified Volumes | | Calculated Volume | |

| Time | Temp (°F) | pH | Cond. | Gals. Removed | Observations |
|------|-----------|-----|-------|---------------|--------------|
| 1013 | 70.9 | 6.9 | 1800 | .6 | |
| 1014 | 71.5 | 7.1 | 1860 | 1.2 | |
| 1015 | 71.5 | 7.1 | 1950 | 2.0 | |
| | | | | | |
| | | | | | |

Did well dewater? Yes No Gallons actually evacuated: 2

Sampling Time: 1016 Sampling Date: 7-29-99

Sample I.D.: MW-10 Laboratory: Sequoia GTEL N. Creek Assoc. Labs

Analyzed for: TPH-G BTEX MTBE TPH-D Other: 8260 (3 EXTRA)

Duplicate I.D.: Analyzed for: TPH-G BTEX MTBE TPH-D Other:

D.O. (if req'd): Pre-purge: mg/L Post-purge: mg/L

O.R.P. (if req'd): Pre-purge: mV Post-purge: mV