

ENVIRONMENTAL  
PROTECTION



**Chevron**

95 SEP 21 PM 12:40

September 20, 1995

**Chevron U.S.A. Products Company**  
6001 Bollinger Canyon Rd., Bldg. L  
P.O. Box 5004  
San Ramon, CA 94583-0804

**Site Assessment & Remediation Group**  
Phone (510) 842-9500

Ms. Eva Chu  
Alameda County Health Care Services  
Department of Environmental Health  
1131 Harbor Bay Parkway, Suite 250  
Alameda, CA 94502-6577

*Appropriate location of MW 5*

**Re: Chevron Service Station #9-0290**  
**1802 Webster Street, Alameda, CA**

Dear Ms. Chu:

Enclosed is the Third Quarter 1995 Groundwater Monitoring report dated September 1, 1995, prepared by our consultant Blaine Tech Services, Inc. for the above referenced site. As indicated in the report, ground water samples collected were analyzed for total petroleum hydrocarbons as gasoline (TPH-G), total petroleum hydrocarbons as diesel (TPH-D), and BTEX. Dissolved concentrations of these constituents detected during this sampling event are similar to historical observations at the site. Separate phase hydrocarbons are being removed on a quarterly basis from monitor well A-1. Depth to ground water was measured at approximately 5.0 to 7.0 feet below grade and the direction of flow is to the north.

Enclosed is a site plan that is submitted as an addendum to the August 11, 1995, work plan prepared by our consultant Gettler-Ryan. The site plan adds one additional proposed ground water monitor well cross gradient of the underground storage tanks as we discussed on September 18, 1995. We are ready to begin work at the site following your review and formal concurrence.

Chevron will continue to monitor and sample this site on a quarterly basis. If you have any questions or comments, please feel free to contact me at (510) 842-8134.

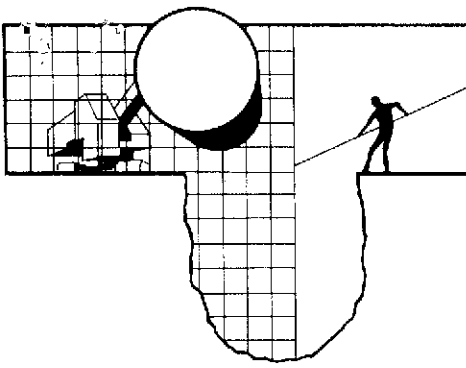
Sincerely,  
CHEVRON U.S.A. PRODUCTS COMPANY

Mark A. Miller  
Site Assessment and Remediation Engineer

Enclosure

cc: Ms. Y.M. Byeman

Ms. Louise Van De Deere  
Housing Authority of the City of Alameda  
701 Atlantic Avenue  
Alameda, CA 94501



# BLAINE TECH SERVICES INC.

985 TIMOTHY DRIVE  
SAN JOSE, CA 95133  
(408) 995-5535  
FAX (408) 293-8773

September 1, 1995

Mark Miller  
Chevron U.S.A. Products Company  
P.O. Box 5004  
San Ramon, CA 94583-0804

*Discard. sample of B-6, B-7, B-7  
B-6 for TPH-D only*

## 3rd Quarter 1995 Monitoring at 9-0290

Third Quarter 1995 Groundwater Monitoring at  
Chevron Service Station Number 9-0290  
1802 Webster Street  
Alameda, CA

Monitoring Performed on August 4, 1995

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### Groundwater Sampling Report 950804-J-2

This report covers the routine quarterly 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 Chevron's Richmond Refinery 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,

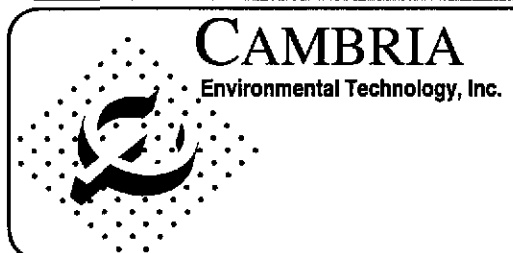
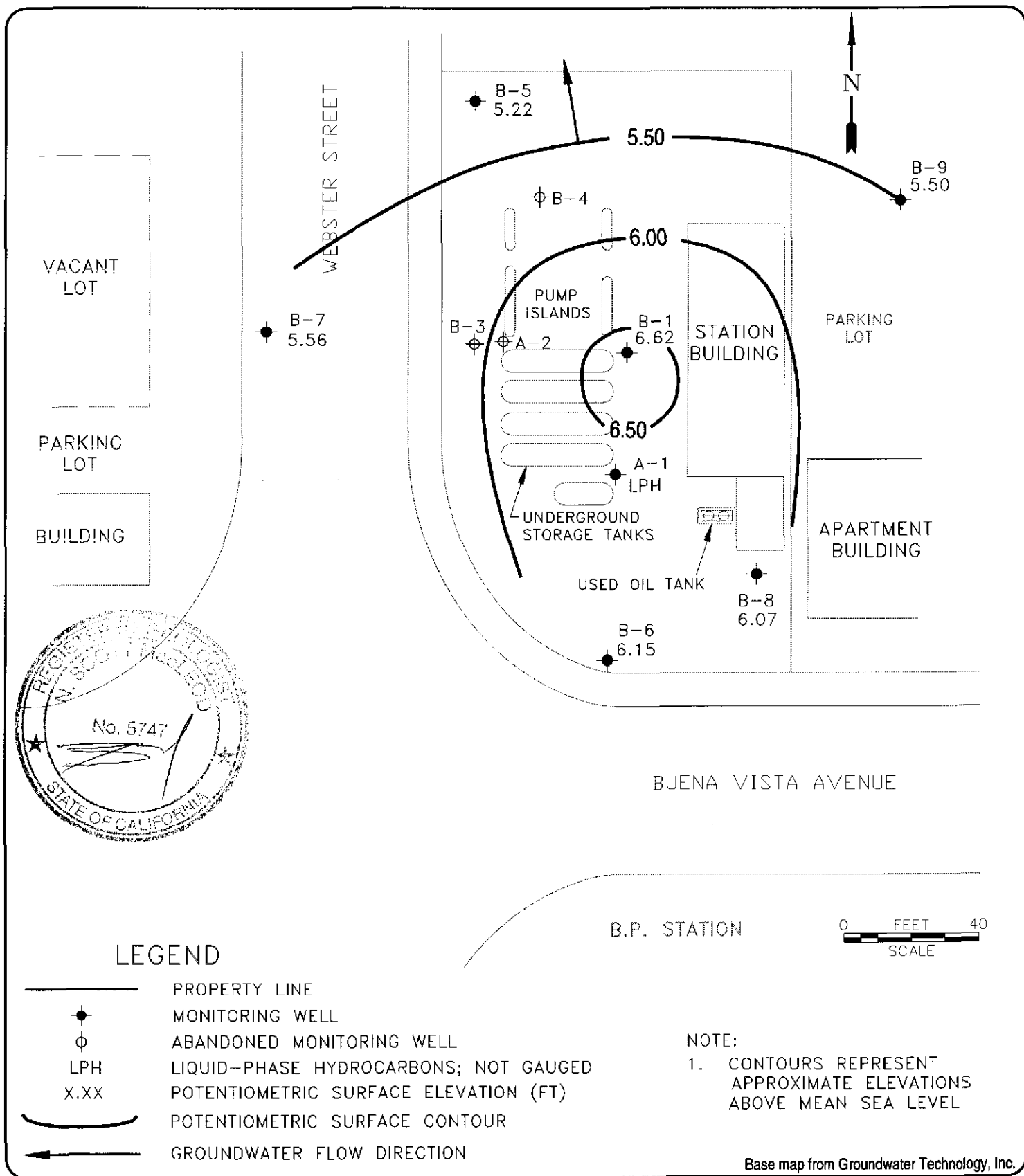
A handwritten signature in cursive script, appearing to read "James Keller".

James Keller  
for the Board of Directors

JPK/dk

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

# **Professional Engineering Appendix**

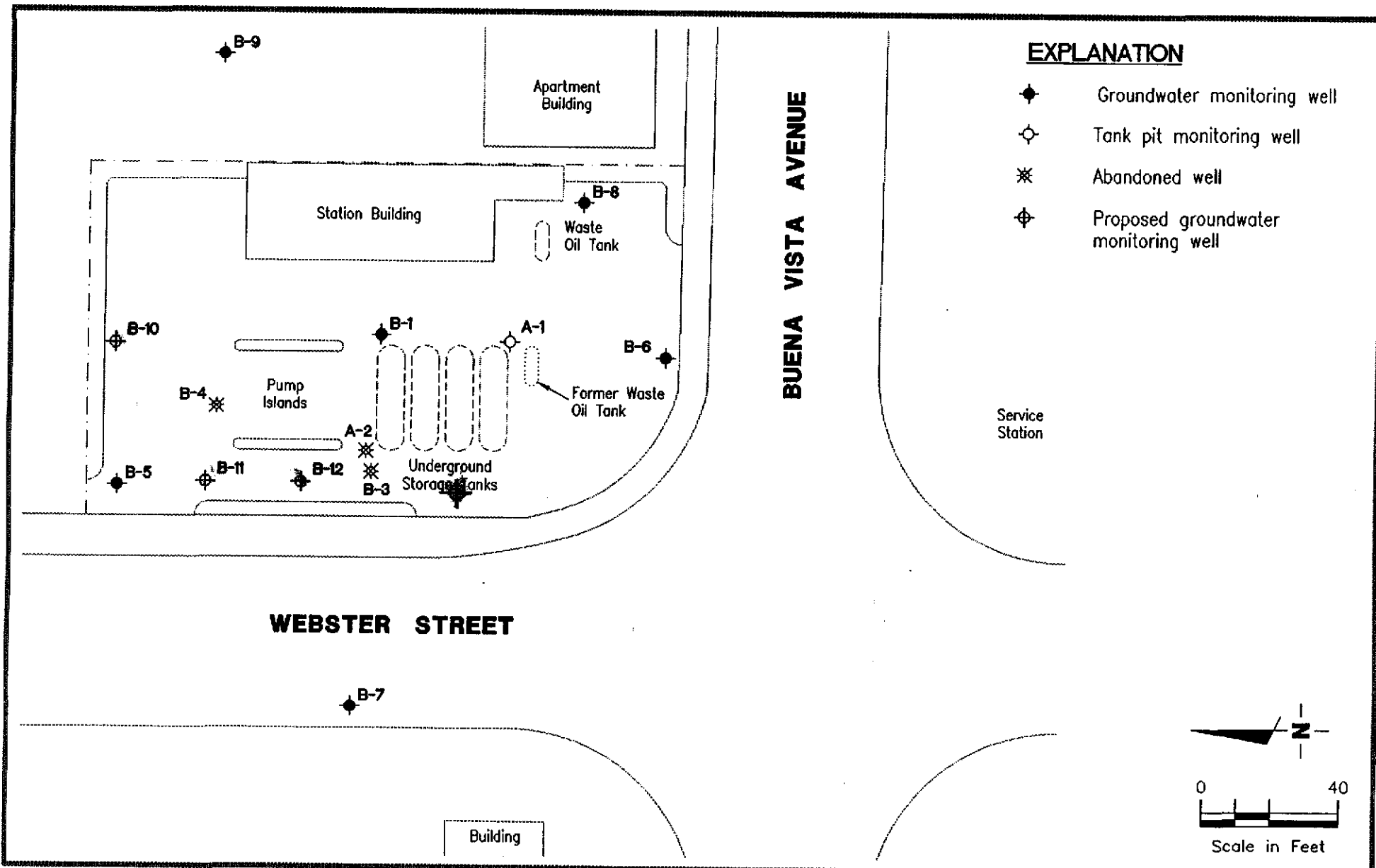


Chevron Station 9-0290  
1802 Webster Street  
Alameda, California

VCHEVRON9-0290\0290-QM.DWG

Ground Water Elevation  
August 4, 1995

FIGURE  
**1**



**Gettler - Ryan Inc.**

6747 Sierra Ct., Suite J (510) 551-7555  
 Dublin, CA 94568

**EXISTING & PROPOSED MONITORING WELL LOCATION MAP**

Chevron Service Station No. 9-0290

1802 Webster Street

Alameda, California

FIGURE

**2**

JOB NUMBER

5280.01

REVIEWED BY

DATE

August, 1995

REVISED DATE

# **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 | TOG | TPH-Diesel |
| <b>A-1</b>                         |                 |                    |                |   |             |                   |   |              |         |         |               |        |     |            |
| 09/20/91                           | 8.13            | 0.48               | 9.23           | 1.58                                    | --          | --                | --  | --           | --      | --      | --            | --     | --  | --         |
| 10/09/91                           | 8.13            | 1.46               | 6.67           | 0.00                                    | --          | --                | --  | --           | --      | --      | --            | --     | --  | --         |
| 10/17/91                           | 8.13            | 1.43               | 7.28           | 0.58                                    | --          | --                | --  | --           | --      | --      | --            | --     | --  | --         |
| 10/23/91                           | 8.13            | 1.36               | 7.42           | 0.65                                    | --          | --                | --  | --           | --      | --      | --            | --     | --  | --         |
| 11/01/91                           | 8.13            | 1.49               | 7.14           | 0.50                                    | --          | --                | --  | --           | --      | --      | --            | --     | --  | --         |
| 11/07/91                           | 8.13            | 1.50               | 7.14           | 0.51                                    | --          | --                | --  | --           | --      | --      | --            | --     | --  | --         |
| 11/15/91                           | 8.13            | 1.47               | 7.19           | 0.53                                    | --          | --                | --  | --           | --      | --      | --            | --     | --  | --         |
| 11/21/91                           | 8.13            | 1.28               | 7.28           | 0.54                                    | --          | --                | --  | --           | --      | --      | --            | --     | --  | --         |
| 12/12/91                           | 8.13            | 1.29               | 7.33           | 0.49                                    | --          | --                | --  | --           | --      | --      | --            | --     | --  | --         |
| 12/30/91                           | 8.13            | 1.73               | 6.76           | 0.36                                    | --          | --                | --  | --           | --      | --      | --            | --     | --  | --         |
| 01/13/92                           | 8.13            | 2.21               | 6.29           | 0.37                                    | --          | --                | --  | --           | --      | --      | --            | --     | --  | --         |
| 01/22/92                           | 8.13            | 2.15               | 6.43           | 0.45                                    | --          | --                | --  | --           | --      | --      | --            | --     | --  | --         |
| 02/12/92                           | 8.13            | 2.21               | 6.30           | 0.38                                    | --          | --                | --  | --           | --      | --      | --            | --     | --  | --         |
| 03/09/92                           | 8.13            | 3.14               | 5.30           | 0.31                                    | --          | --                | --  | --           | --      | --      | --            | --     | --  | --         |
| 04/10/92                           | 8.13            | 2.83               | 5.37           | 0.07                                    | --          | --                | --  | --           | --      | --      | --            | --     | --  | --         |
| 05/18/92                           | 8.13            | 2.39               | 6.14           | 0.40                                    | --          | --                | --  | --           | --      | --      | --            | --     | --  | --         |
| 01/06/93                           | 8.13            | --                 | --             | --                                      | --          | --                | --  | --           | --      | --      | --            | --     | --  | --         |
| 02/03/93                           | 8.13            | --                 | --             | --                                      | --          | --                | --  | --           | --      | --      | --            | --     | --  | --         |
| 04/23/93                           | 11.56           | 6.19               | 5.85           | 0.60                                    | --          | --                | --  | --           | --      | --      | --            | --     | --  | --         |
| 06/11/93                           | 11.56           | --                 | --             | --                                      | 2.00        | 2.00              | --  | --           | --      | --      | --            | --     | --  | --         |
| 06/15/93                           | 11.56           | --                 | --             | --                                      | 0.13        | 2.13              | --  | --           | --      | --      | --            | --     | --  | --         |
| 06/18/93                           | 11.56           | --                 | --             | --                                      | 0.13        | 2.26              | --  | --           | --      | --      | --            | --     | --  | --         |
| 06/22/93                           | 11.56           | --                 | --             | --                                      | 0.50        | 2.76              | --  | --           | --      | --      | --            | --     | --  | --         |
| 06/29/93                           | 11.56           | --                 | --             | --                                      | --          | 2.76              | --  | --           | --      | --      | --            | --     | --  | --         |
| 07/09/93                           | 11.56           | --                 | --             | --                                      | --          | 2.76              | --  | --           | --      | --      | --            | --     | --  | --         |
| 07/15/93                           | 11.56           | --                 | --             | --                                      | --          | 2.76              | --  | --           | --      | --      | --            | --     | --  | --         |
| 07/19/93                           | 11.56           | 5.54               | 6.23           | 0.26                                    | 2.00        | 4.76              | --  | --           | --      | --      | --            | --     | --  | --         |
| 07/20/93                           | 11.56           | --                 | --             | --                                      | --          | 4.76              | --  | --           | --      | --      | --            | --     | --  | --         |
| 07/27/93                           | 11.56           | --                 | --             | --                                      | --          | 4.76              | --  | --           | --      | --      | --            | --     | --  | --         |
| 08/06/93                           | 11.56           | --                 | --             | --                                      | --          | 4.76              | --  | --           | --      | --      | --            | --     | --  | --         |
| 08/10/93                           | 11.56           | --                 | --             | --                                      | --          | 4.76              | --  | --           | --      | --      | --            | --     | --  | --         |
| 08/16/93                           | 11.56           | --                 | --             | --                                      | --          | 4.76              | --  | --           | --      | --      | --            | --     | --  | --         |

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 | TOG | TPH- Diesel |
|---------------------|-----------------|--------------------|----------------|---------------|-------------|-------------------|-------|---------------|---------|---------|----------------|--------|-----|-------------|
| <b>A-1 (CONT'D)</b> |                 |                    |                |               |             |                   |       |               |         |         |                |        |     |             |
| 09/16/93            | 11.56           | --                 | --             | --            | --          | 4.76              | --    | --            | --      | --      | --             | --     | --  | --          |
| 09/24/93            | 11.56           | --                 | --             | --            | --          | 4.76              | --    | --            | --      | --      | --             | --     | --  | --          |
| 10/01/93            | 11.56           | --                 | --             | --            | --          | 4.76              | --    | --            | --      | --      | --             | --     | --  | --          |
| 10/07/93            | 11.56           | --                 | --             | --            | --          | 4.76              | --    | --            | --      | --      | --             | --     | --  | --          |
| 10/13/93            | 11.56           | --                 | --             | --            | --          | 4.76              | --    | --            | --      | --      | --             | --     | --  | --          |
| 10/19/93            | 11.56           | --                 | --             | 0.10          | --          | 4.76              | --    | --            | --      | --      | --             | --     | --  | --          |
| 10/20/93            | 11.56           | --                 | --             | --            | --          | 4.76              | --    | --            | --      | --      | --             | --     | --  | --          |
| 10/28/93            | 11.56           | --                 | --             | --            | --          | 4.76              | --    | --            | --      | --      | --             | --     | --  | --          |
| 11/12/93            | 11.56           | --                 | --             | --            | --          | 4.76              | --    | --            | --      | --      | --             | --     | --  | --          |
| 11/19/93            | 11.56           | --                 | --             | --            | --          | 4.76              | --    | --            | --      | --      | --             | --     | --  | --          |
| 11/30/93            | 11.56           | --                 | --             | --            | --          | 4.76              | --    | --            | --      | --      | --             | --     | --  | --          |
| 12/10/93            | 11.56           | --                 | --             | --            | --          | 4.76              | --    | --            | --      | --      | --             | --     | --  | --          |
| 12/16/93            | 11.56           | --                 | --             | --            | --          | 4.76              | --    | --            | --      | --      | --             | --     | --  | --          |
| 12/23/93            | 11.56           | --                 | --             | --            | --          | 4.76              | --    | --            | --      | --      | --             | --     | --  | --          |
| 12/29/93            | 11.56           | --                 | --             | --            | --          | 4.76              | --    | --            | --      | --      | --             | --     | --  | --          |
| 01/03/94            | 11.56           | --                 | --             | --            | --          | 4.76              | --    | --            | --      | --      | --             | --     | --  | --          |
| 01/17/94            | 11.56           | --                 | --             | --            | --          | 4.76              | --    | --            | --      | --      | --             | --     | --  | --          |
| 01/26/94            | 11.56           | --                 | --             | --            | --          | 4.76              | --    | --            | --      | --      | --             | --     | --  | --          |
| 02/07/94            | 11.56           | --                 | --             | --            | --          | 4.76              | --    | --            | --      | --      | --             | --     | --  | --          |
| 02/11/94            | 11.56           | --                 | --             | --            | --          | 4.76              | --    | --            | --      | --      | --             | --     | --  | --          |
| 02/18/94            | 11.56           | --                 | --             | --            | --          | 4.76              | --    | --            | --      | --      | --             | --     | --  | --          |
| 02/25/94            | 11.56           | --                 | --             | --            | --          | 4.76              | --    | --            | --      | --      | --             | --     | --  | --          |
| 03/04/94            | 11.56           | --                 | --             | --            | --          | 4.76              | --    | --            | --      | --      | --             | --     | --  | --          |
| 03/11/94            | 11.56           | --                 | --             | --            | --          | 4.76              | --    | --            | --      | --      | --             | --     | --  | --          |
| 03/16/94            | 11.56           | --                 | --             | --            | --          | 4.76              | --    | --            | --      | --      | --             | --     | --  | --          |
| 03/25/94            | 11.56           | --                 | --             | --            | --          | 4.76              | --    | --            | --      | --      | --             | --     | --  | --          |
| 04/01/94            | 11.56           | --                 | --             | --            | --          | 4.76              | --    | --            | --      | --      | --             | --     | --  | --          |
| 08/18/94            | 11.56           | --                 | --             | --            | --          | 4.76              | --    | --            | --      | --      | --             | --     | --  | --          |
| 11/30/94            | 11.56           | --                 | --             | --            | 2.00        | 6.76              | --    | --            | --      | --      | --             | --     | --  | --          |
| 02/15/95            | 11.56           | --                 | 4.79           | --            | --          | 6.76              | --    | --            | --      | --      | --             | --     | --  | --          |
| 05/01/95            | 11.56           | --                 | --             | --            | --          | 6.76              | --    | --            | --      | --      | --             | --     | --  | --          |
| 08/04/95            | 11.56           | --                 | --             | --            | --          | 6.76              | --    | --            | --      | --      | --             | --     | --  | --          |

## 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 | TOG | TPH- Diesel |
| <b>A-2</b>                         |                 |                    |   |               |             |                   |   |               |         |         |                |        |     |             |
| 09/20/91                           | 8.00            | 0.27               | 7.73                                    | 0.00          | --          | --                | --  | 8100          | 860     | 14      | 110            | 53     | --  | 5100        |
| 10/09/91                           | 8.00            | 1.39               | 6.61                                    | 0.00          | --          | --                | --  | --            | --      | --      | --             | --     | --  | --          |
| 10/17/91                           | 8.00            | 1.34               | 6.66                                    | 0.00          | --          | --                | --  | --            | --      | --      | --             | --     | --  | --          |
| 10/23/91                           | 8.00            | 1.29               | 6.80                                    | 0.09          | --          | --                | --  | --            | --      | --      | --             | --     | --  | --          |
| 11/01/91                           | 8.00            | 1.45               | 6.63                                    | 0.15          | --          | --                | --  | --            | --      | --      | --             | --     | --  | --          |
| 11/07/91                           | 8.00            | 1.45               | 6.64                                    | 0.21          | --          | --                | --  | --            | --      | --      | --             | --     | --  | --          |
| 11/15/91                           | 8.00            | 1.38               | 6.81                                    | 0.19          | --          | --                | --  | --            | --      | --      | --             | --     | --  | --          |
| 11/21/91                           | 8.00            | 1.31               | 6.93                                    | 0.24          | --          | --                | --  | --            | --      | --      | --             | --     | --  | --          |
| 12/12/91                           | 8.00            | 1.24               | 6.97                                    | 0.15          | --          | --                | --  | --            | --      | --      | --             | --     | --  | --          |
| 12/30/91                           | 8.00            | 1.70               | 6.54                                    | 0.24          | --          | --                | --  | --            | --      | --      | --             | --     | --  | --          |
| 01/13/92                           | 8.00            | 2.16               | 5.92                                    | 0.08          | --          | --                | --  | --            | --      | --      | --             | --     | --  | --          |
| 01/22/92                           | 8.00            | 2.00               | 6.01                                    | 0.10          | --          | --                | --  | --            | --      | --      | --             | --     | --  | --          |
| 02/12/92                           | 8.00            | 2.20               | 6.06                                    | 0.26          | --          | --                | --  | --            | --      | --      | --             | --     | --  | --          |
| 03/09/92                           | 8.00            | 3.11               | 4.93                                    | 0.04          | --          | --                | --  | --            | --      | --      | --             | --     | --  | --          |
| 04/10/92                           | 8.00            | 2.80               | 5.20                                    | <0.01         | --          | --                | --  | --            | --      | --      | --             | --     | --  | --          |
| 05/18/92                           | 8.00            | 2.36               | 5.66                                    | 0.02          | --          | --                | --  | --            | --      | --      | --             | --     | --  | --          |
| 01/06/93                           | 8.00            | --                 | --                                      | --            | --          | --                | --  | --            | --      | --      | --             | --     | --  | --          |
| 02/03/93                           | 8.00            | 3.20               | 4.98                                    | 0.22          | --          | --                | --  | --            | --      | --      | --             | --     | --  | --          |
| 04/23/93                           | 11.46           | 6.24               | 5.36                                    | 0.18          | --          | --                | --  | --            | --      | --      | --             | --     | --  | --          |
| 06/11/93                           | 11.46           | --                 | --                                      | --            | 0.13        | 1.00              | --  | --            | --      | --      | --             | --     | --  | --          |
| 06/15/93                           | 11.46           | --                 | --                                      | --            | 0.13        | 1.13              | --  | --            | --      | --      | --             | --     | --  | --          |
| 06/18/93                           | 11.46           | --                 | --                                      | --            | 0.26        | 1.39              | --  | --            | --      | --      | --             | --     | --  | --          |
| 06/22/93                           | 11.46           | --                 | --                                      | --            | 0.50        | 1.89              | --  | --            | --      | --      | --             | --     | --  | --          |
| 06/29/93                           | 11.46           | --                 | --                                      | --            | --          | 1.89              | --  | --            | --      | --      | --             | --     | --  | --          |
| 07/09/93                           | 11.46           | --                 | --                                      | --            | --          | 1.89              | --  | --            | --      | --      | --             | --     | --  | --          |
| 07/15/93                           | 11.46           | --                 | --                                      | --            | --          | 1.89              | --  | --            | --      | --      | --             | --     | --  | --          |
| 07/19/93                           | 11.46           | 5.53               | 6.79                                    | 1.07          | --          | 1.89              | --  | --            | --      | --      | --             | --     | --  | --          |
| 07/20/93                           | 11.46           | --                 | --                                      | --            | --          | 1.89              | --  | --            | --      | --      | --             | --     | --  | --          |
| 07/27/93                           | 11.46           | --                 | --                                      | --            | --          | 1.89              | --  | --            | --      | --      | --             | --     | --  | --          |
| 08/06/93                           | 11.46           | --                 | --                                      | --            | --          | 1.89              | --  | --            | --      | --      | --             | --     | --  | --          |
| 08/10/93                           | 11.46           | --                 | --                                      | --            | --          | 1.89              | --  | --            | --      | --      | --             | --     | --  | --          |
| 08/16/93                           | 11.46           | --                 | --                                      | --            | --          | 1.89              | --  | --            | --      | --      | --             | --     | --  | --          |

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 | TOG | TPH-Diesel |
|---------------------|-----------------|--------------------|----------------|---------------|-------------|-------------------|-----------|--------------|---------|---------|---------------|--------|-----|------------|
| <b>A-2 (CONT'D)</b> |                 |                    |                |               |             |                   |           |              |         |         |               |        |     |            |
| 09/16/93            | 11.46           | --                 | --             | --            | --          | 1.89              | --        | --           | --      | --      | --            | --     | --  | --         |
| 09/24/93            | 11.46           | --                 | --             | --            | --          | 1.89              | --        | --           | --      | --      | --            | --     | --  | --         |
| 10/01/93            | 11.46           | --                 | --             | --            | --          | 1.89              | --        | --           | --      | --      | --            | --     | --  | --         |
| 10/07/93            | 11.46           | --                 | --             | --            | --          | 1.89              | --        | --           | --      | --      | --            | --     | --  | --         |
| 10/13/93            | 11.46           | --                 | --             | --            | --          | 1.89              | --        | --           | --      | --      | --            | --     | --  | --         |
| 10/19/93            | 11.46           | 6.23               | 6.36           | 1.41          | --          | 1.89              | --        | --           | --      | --      | --            | --     | --  | --         |
| 10/20/93            | 11.46           | --                 | --             | --            | --          | 1.89              | --        | --           | --      | --      | --            | --     | --  | --         |
| 10/28/93            | 11.46           | --                 | --             | --            | --          | 1.89              | --        | --           | --      | --      | --            | --     | --  | --         |
| 11/12/93            | 11.46           | --                 | --             | --            | --          | 1.89              | --        | --           | --      | --      | --            | --     | --  | --         |
| 11/19/93            | 11.46           | --                 | --             | --            | --          | 1.89              | --        | --           | --      | --      | --            | --     | --  | --         |
| 11/30/93            | 11.46           | --                 | --             | --            | --          | 1.89              | --        | --           | --      | --      | --            | --     | --  | --         |
| 12/10/93            | 11.46           | --                 | --             | --            | --          | 1.89              | --        | --           | --      | --      | --            | --     | --  | --         |
| 12/16/93            | 11.46           | --                 | --             | --            | --          | 1.89              | --        | --           | --      | --      | --            | --     | --  | --         |
| 12/23/93            | 11.46           | --                 | --             | --            | --          | 1.89              | --        | --           | --      | --      | --            | --     | --  | --         |
| 12/29/93            | 11.46           | --                 | --             | --            | --          | 1.89              | --        | --           | --      | --      | --            | --     | --  | --         |
| 01/03/94            | 11.46           | --                 | --             | --            | --          | 1.89              | --        | --           | --      | --      | --            | --     | --  | --         |
| 01/17/94            | 11.46           | --                 | --             | --            | --          | 1.89              | --        | --           | --      | --      | --            | --     | --  | --         |
| 01/26/94            | 11.46           | --                 | --             | --            | --          | 1.89              | --        | --           | --      | --      | --            | --     | --  | --         |
| 02/07/94            | 11.46           | --                 | --             | --            | --          | 1.89              | --        | --           | --      | --      | --            | --     | --  | --         |
| 02/11/94            | 11.46           | --                 | --             | --            | --          | 1.89              | --        | --           | --      | --      | --            | --     | --  | --         |
| 02/18/94            | 11.46           | --                 | --             | --            | --          | 1.89              | --        | --           | --      | --      | --            | --     | --  | --         |
| 02/25/94            | 11.46           | --                 | --             | --            | --          | 1.89              | --        | --           | --      | --      | --            | --     | --  | --         |
| 03/04/94            | 11.46           | --                 | --             | --            | --          | 1.89              | --        | --           | --      | --      | --            | --     | --  | --         |
| 03/11/94            | 11.46           | --                 | --             | --            | --          | 1.89              | --        | --           | --      | --      | --            | --     | --  | --         |
| 03/16/94            | 11.46           | --                 | --             | --            | --          | 1.89              | --        | --           | --      | --      | --            | --     | --  | --         |
| 03/25/94            | 11.46           | --                 | --             | --            | --          | 1.89              | --        | --           | --      | --      | --            | --     | --  | --         |
| 04/01/94            | 11.46           | --                 | --             | --            | --          | 1.89              | Destroyed | --           | --      | --      | --            | --     | --  | --         |

## 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 | TOG   | TPH-Diesel |
| <b>B-1</b>                         |                 |                    |                |   |             |                   |   |               |         |         |               |        |       |            |
| 04/23/93                           | 12.12           | 6.19               | 5.93           | 0.00                                    | --          | --                | --  | 13,000        | 4900    | 22      | 250           | 47     | --    | 8300       |
| 07/19/93                           | 12.12           | 5.46               | 6.66           | 0.00                                    | --          | --                | --  | 3300          | 1200    | 16      | 24            | <30    | --    | 1600       |
| 10/19/93                           | 12.12           | 5.04               | 7.08           | 0.00                                    | --          | --                | --  | 2300          | 730     | 18      | 14            | 31     | --    | 550        |
| 01/17/94                           | 12.12           | 5.39               | 6.73           | 0.00                                    | --          | --                | --  | 22,000        | 6500    | 170     | 210           | 430    | --    | <50        |
| 08/18/94                           | 12.12           | 5.27               | 6.85           | 0.00                                    | --          | --                | Inaccessible                                      | --            | --      | --      | --            | --     | --    | --         |
| 11/30/94                           | 12.12           | 6.11               | 6.01           | 0.00                                    | --          | --                | --  | 1500          | 250     | 17      | 7.5           | 19     | <5.0* | 3200**     |
| 02/15/95                           | 12.12           | 6.75               | 5.37           | 0.00                                    | --          | --                | --  | 1000          | 160     | <2.0    | 4.6           | 2.6    | --    | 1300**     |
| 05/01/95                           | 12.12           | 7.00               | 5.12           | 0.00                                    | --          | --                | --  | 140           | 20      | 0.52    | 2.0           | 0.67   | --    | 2600***    |
| 08/04/95                           | 12.12           | 6.62               | 5.50           | 0.00                                    | --          | --                | --  | 6700          | 1400    | <20     | <20           | <20    | --    | 4900***    |

\* Analytical values are in parts per million (ppm).

\*\* Chromatogram pattern indicates a non-diesel mix.

\*\*\* Chromatogram pattern 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 | TOG   | TPH-Diesel |
| <b>B-3</b>                         |                 |                    |                |   |             |                   |   |              |         |         |               |        |       |            |
| 09/20/91                           | 8.01            | 1.08               | 6.94           | 0.01                                    | --          | --                | --  | --           | --      | --      | --            | --     | --    | --         |
| 10/09/91                           | 8.01            | 1.66               | 6.35           | 0.00                                    | --          | --                | --  | --           | --      | --      | --            | --     | --    | --         |
| 10/17/91                           | 8.01            | 1.57               | 6.44           | 0.00                                    | --          | --                | --  | --           | --      | --      | --            | --     | --    | --         |
| 10/23/91                           | 8.01            | 1.53               | 6.84           | 0.00                                    | --          | --                | --  | --           | --      | --      | --            | --     | --    | --         |
| 11/01/91                           | 8.01            | 1.70               | 6.31           | 0.00                                    | --          | --                | --  | --           | --      | --      | --            | --     | --    | --         |
| 11/07/91                           | 8.01            | 1.69               | 6.32           | 0.00                                    | --          | --                | --  | --           | --      | --      | --            | --     | --    | --         |
| 11/15/91                           | 8.01            | 1.62               | 6.39           | 0.00                                    | --          | --                | --  | --           | --      | --      | --            | --     | --    | --         |
| 11/21/91                           | 8.01            | 1.57               | 6.44           | 0.00                                    | --          | --                | --  | --           | --      | --      | --            | --     | --    | --         |
| 12/12/91                           | 8.01            | 1.19               | 6.82           | <0.01                                   | --          | --                | --  | --           | --      | --      | --            | --     | --    | --         |
| 12/30/91                           | 8.01            | 1.64               | 6.37           | 0.00                                    | --          | --                | --  | --           | --      | --      | --            | --     | --    | --         |
| 01/13/92                           | 8.01            | 2.07               | 5.94           | 0.00                                    | --          | --                | --  | --           | --      | --      | --            | --     | --    | --         |
| 01/22/92                           | 8.01            | 2.02               | 5.99           | 0.00                                    | --          | --                | --  | --           | --      | --      | --            | --     | --    | --         |
| 02/12/92                           | 8.01            | 2.19               | 5.82           | <0.01                                   | --          | --                | --  | --           | --      | --      | --            | --     | --    | --         |
| 03/09/92                           | 8.01            | 2.91               | 5.10           | 0.00                                    | --          | --                | --  | --           | --      | --      | --            | --     | --    | --         |
| 04/10/92                           | 8.01            | 2.65               | 5.36           | 0.00                                    | --          | --                | --  | --           | --      | --      | --            | --     | --    | --         |
| 05/18/92                           | 8.01            | 2.29               | 5.72           | 0.00                                    | --          | --                | --  | 6200         | 550     | 58      | 13            | 51     | <5000 | 250        |
| 01/06/93                           | 8.01            | 2.51               | 5.50           | --                                      | --          | --                | Sheen   | 5400         | 490     | 54      | 51            | 82     | --    | 10,000     |
| 02/03/93                           | 8.01            | --                 | --             | --                                      | --          | --                | --  | --           | --      | --      | --            | --     | --    | --         |
| 04/23/93                           | 11.42           | 6.10               | 5.32           | 0.00                                    | --          | --                | --  | 18,000       | 540     | 69      | 47            | 120    | --    | 6400       |
| 07/29/93                           | 11.42           | 5.48               | 5.94           | 0.00                                    | --          | --                | --  | 40,000       | 780     | 69      | 49            | 150    | --    | 4000       |
| 10/19/93                           | 11.42           | 5.10               | 6.32           | 0.00                                    | --          | --                | --  | 20,000       | 520     | 37      | 43            | 100    | --    | 1500       |
| 01/17/94                           | 11.42           | 4.47               | 6.95           | 0.00                                    | --          | --                | Destroyed   | 3900         | 430     | 32      | 29            | 82     | --    | <50        |

## 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 | TOG   | TPH-Diesel |
|------------|-----------------|--------------------|----------------|---------------|-------------|-------------------|-----------|--------------|---------|---------|---------------|--------|-------|------------|
| <b>B-4</b> |                 |                    |                |               |             |                   |           |              |         |         |               |        |       |            |
| 09/20/91   | 8.04            | 1.22               | 6.82           | 0.01          | --          | --                | --        | 19,000       | 710     | 160     | 650           | 2000   | --    | 1400       |
| 10/09/91   | 8.04            | 1.41               | 6.63           | 0.00          | --          | --                | --        | --           | --      | --      | --            | --     | --    | --         |
| 10/17/91   | 8.04            | 1.20               | 6.84           | 0.00          | --          | --                | --        | --           | --      | --      | --            | --     | --    | --         |
| 10/23/91   | 8.04            | 1.17               | 6.87           | 0.00          | --          | --                | --        | --           | --      | --      | --            | --     | --    | --         |
| 11/01/91   | 8.04            | 1.34               | 6.70           | 0.00          | --          | --                | --        | --           | --      | --      | --            | --     | --    | --         |
| 11/07/91   | 8.04            | 1.31               | 6.73           | 0.00          | --          | --                | --        | --           | --      | --      | --            | --     | --    | --         |
| 11/15/91   | 8.04            | 1.21               | 6.83           | 0.00          | --          | --                | --        | --           | --      | --      | --            | --     | --    | --         |
| 11/21/91   | 8.04            | 1.20               | 6.84           | 0.00          | --          | --                | --        | --           | --      | --      | --            | --     | --    | --         |
| 12/12/91   | 8.04            | 1.17               | 6.87           | <0.01         | --          | --                | --        | --           | --      | --      | --            | --     | --    | --         |
| 12/30/91   | 8.04            | 1.58               | 6.46           | 0.00          | --          | --                | --        | --           | --      | --      | --            | --     | --    | --         |
| 01/13/92   | 8.04            | 2.13               | 5.91           | 0.00          | --          | --                | --        | --           | --      | --      | --            | --     | --    | --         |
| 01/22/92   | 8.04            | 2.09               | 5.95           | 0.00          | --          | --                | --        | --           | --      | --      | --            | --     | --    | --         |
| 02/12/92   | 8.04            | 2.26               | 5.78           | <0.01         | --          | --                | --        | 15,000       | 920     | 75      | 520           | 940    | --    | 860        |
| 03/09/92   | 8.04            | 2.95               | 5.09           | 0.00          | --          | --                | --        | --           | --      | --      | --            | --     | --    | --         |
| 04/10/92   | 8.04            | 2.65               | 5.39           | 0.00          | --          | --                | --        | --           | --      | --      | --            | --     | --    | --         |
| 05/18/92   | 8.04            | 2.45               | 5.59           | 0.00          | --          | --                | --        | 19,000       | 2000    | 97      | 560           | 1200   | <5000 | <50        |
| 01/06/93   | 8.04            | 2.54               | 5.50           | --            | --          | --                | Sheen     | 19,000       | 2000    | 89      | 490           | 740    | --    | 2700       |
| 02/03/93   | 8.04            | --                 | --             | --            | --          | --                | --        | --           | --      | --      | --            | --     | --    | --         |
| 04/23/93   | 11.46           | 6.07               | 5.39           | 0.00          | --          | --                | --        | 5700         | 2400    | 75      | 380           | 580    | --    | 2300       |
| 07/19/93   | 11.46           | 5.33               | 6.13           | 0.00          | --          | --                | --        | 19,000       | 2400    | 140     | 440           | 620    | --    | 2400       |
| 10/19/93   | 11.46           | 4.95               | 6.51           | 0.00          | --          | --                | --        | 13,000       | 1200    | 84      | 290           | 530    | --    | 2100       |
| 01/17/94   | 11.46           | 5.28               | 6.18           | 0.00          | --          | --                | Destroyed | 11,000       | 1900    | 63      | 170           | 290    | --    | <50        |

## 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 | TOG   | TPH- Diesel |
| <b>B-5</b>                         |                 |                    |                |   |             |                   |   |               |         |         |                |        |       |             |
| 09/20/91                           | 7.73            | 2.2                | 5.53           | 0.00                                    | --          | --                | --  | <50           | <0.5    | <0.5    | <0.5           | <0.5   | --    | <50         |
| 10/09/91                           | 7.73            | 2.42               | 5.31           | 0.00                                    | --          | --                | --  | --            | --      | --      | --             | --     | --    | --          |
| 10/17/91                           | 7.73            | 2.09               | 5.64           | 0.00                                    | --          | --                | --  | --            | --      | --      | --             | --     | --    | --          |
| 10/23/91                           | 7.73            | 2.05               | 5.68           | 0.00                                    | --          | --                | --  | --            | --      | --      | --             | --     | --    | --          |
| 11/01/91                           | 7.73            | 2.24               | 5.49           | 0.00                                    | --          | --                | --  | --            | --      | --      | --             | --     | --    | --          |
| 11/07/91                           | 7.73            | 2.19               | 5.54           | 0.00                                    | --          | --                | --  | --            | --      | --      | --             | --     | --    | --          |
| 11/15/91                           | 7.73            | 2.10               | 5.63           | 0.00                                    | --          | --                | --  | --            | --      | --      | --             | --     | --    | --          |
| 11/21/91                           | 7.73            | --                 | --             | --                                      | --          | --                | --  | --            | --      | --      | --             | --     | --    | --          |
| 12/12/91                           | 7.73            | 2.05               | 5.68           | 0.00                                    | --          | --                | --  | --            | --      | --      | --             | --     | --    | --          |
| 12/30/91                           | 7.73            | 2.54               | 5.19           | 0.00                                    | --          | --                | --  | --            | --      | --      | --             | --     | --    | --          |
| 01/13/92                           | 7.73            | 3.07               | 4.65           | 0.00                                    | --          | --                | --  | --            | --      | --      | --             | --     | --    | --          |
| 01/22/92                           | 7.73            | 3.03               | 4.70           | 0.00                                    | --          | --                | --  | --            | --      | --      | --             | --     | --    | --          |
| 02/12/92                           | 7.73            | 3.38               | 4.45           | 0.00                                    | --          | --                | --  | <50           | <0.5    | <0.5    | <0.5           | <0.5   | --    | <50         |
| 03/09/92                           | 7.73            | 3.68               | 4.05           | 0.00                                    | --          | --                | --  | --            | --      | --      | --             | --     | --    | --          |
| 04/10/92                           | 7.73            | 3.30               | 4.43           | 0.00                                    | --          | --                | --  | --            | --      | --      | --             | --     | --    | --          |
| 05/18/92                           | 7.73            | 3.94               | 3.79           | 0.00                                    | --          | --                | --  | 390           | 39      | 1.9     | 11             | 24     | <5000 | --          |
| 01/06/93                           | 7.73            | 3.39               | 4.44           | --                                      | --          | --                | Sheen   | <50           | <0.5    | <0.5    | <0.5           | <0.5   | --    | <50         |
| 02/03/93                           | 7.73            | --                 | --             | --                                      | --          | --                | --  | --            | --      | --      | --             | --     | --    | --          |
| 04/23/93                           | 10.18           | 5.86               | 4.32           | 0.00                                    | --          | --                | --  | <50           | <0.5    | <0.5    | <0.5           | <1.5   | --    | <50         |
| 07/19/93                           | 10.18           | 5.15               | 5.03           | 0.00                                    | --          | --                | --  | 54            | <0.5    | 0.7     | <0.5           | <1.5   | --    | <50         |
| 10/19/93                           | 10.18           | 5.08               | 5.10           | 0.00                                    | --          | --                | --  | <50           | 2.0     | 4.1     | 0.6            | 3.5    | --    | <50         |
| 01/07/94                           | 10.18           | 5.32               | 4.86           | 0.00                                    | --          | --                | --  | <50           | <0.5    | <0.5    | <0.5           | <0.5   | --    | <50         |
| 08/18/94                           | 10.18           | 5.04               | 5.14           | 0.00                                    | --          | --                | --  | <50           | <0.5    | <0.5    | <0.5           | <0.5   | --    | <50         |
| 11/30/94                           | 10.18           | 5.73               | 4.45           | 0.00                                    | --          | --                | --  | <50           | <0.5    | <0.5    | <0.5           | <0.5   | --    | 140*        |
| 02/15/95                           | 10.18           | 6.03               | 4.15           | 0.00                                    | --          | --                | --  | <50           | <0.5    | <0.5    | <0.5           | <0.5   | --    | 170*        |
| 05/01/95                           | 10.18           | 5.75               | 4.43           | 0.00                                    | --          | --                | --  | <50           | <0.5    | <0.5    | <0.5           | <0.5   | --    | 190**       |
| 08/04/95                           | 10.18           | 5.22               | 4.96           | 0.00                                    | --          | --                | --  | <50           | <0.5    | <0.5    | <0.5           | <0.5   | --    | 250**       |

\* Chromagram pattern indicates a non-diesel mix.

\*\* Chromatogram pattern 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 | TOG   | TPH-Diesel |
| <b>B-6</b>                         |                 |                    |                |   |             |                   |   |              |         |         |               |        |       |            |
| 09/20/91                           | 8.55            | 1.70               | 6.85           | 0.00                                    | --          | --                | --  | <50          | <0.5    | <0.5    | <0.5          | <0.5   | --    | <50        |
| 10/09/91                           | 8.55            | 1.72               | 6.83           | 0.00                                    | --          | --                | --  | --           | --      | --      | --            | --     | --    | --         |
| 10/17/91                           | 8.55            | 1.65               | 6.90           | 0.00                                    | --          | --                | --  | --           | --      | --      | --            | --     | --    | --         |
| 10/23/91                           | 8.55            | 1.62               | 6.93           | 0.00                                    | --          | --                | --  | --           | --      | --      | --            | --     | --    | --         |
| 11/01/91                           | 8.55            | 1.77               | 6.78           | 0.00                                    | --          | --                | --  | --           | --      | --      | --            | --     | --    | --         |
| 11/07/91                           | 8.55            | 1.74               | 6.81           | 0.00                                    | --          | --                | --  | --           | --      | --      | --            | --     | --    | --         |
| 11/15/91                           | 8.55            | 1.67               | 6.88           | 0.00                                    | --          | --                | --  | --           | --      | --      | --            | --     | --    | --         |
| 11/21/91                           | 8.55            | 1.60               | 6.95           | 0.00                                    | --          | --                | --  | --           | --      | --      | --            | --     | --    | --         |
| 12/12/91                           | 8.55            | 1.41               | 7.14           | 0.00                                    | --          | --                | --  | --           | --      | --      | --            | --     | --    | --         |
| 12/30/91                           | 8.55            | 2.05               | 6.50           | 0.00                                    | --          | --                | --  | --           | --      | --      | --            | --     | --    | --         |
| 01/13/92                           | 8.55            | 2.36               | 6.19           | 0.00                                    | --          | --                | --  | --           | --      | --      | --            | --     | --    | --         |
| 01/22/92                           | 8.55            | 2.28               | 6.27           | 0.00                                    | --          | --                | --  | --           | --      | --      | --            | --     | --    | --         |
| 02/12/92                           | 8.55            | 2.43               | 6.12           | 0.00                                    | --          | --                | --  | <50          | <0.5    | <0.5    | <0.5          | <0.5   | --    | <50        |
| 03/09/92                           | 8.55            | 3.27               | 5.28           | 0.00                                    | --          | --                | --  | --           | --      | --      | --            | --     | --    | --         |
| 04/10/92                           | 8.55            | 3.07               | 5.48           | 0.00                                    | --          | --                | --  | --           | --      | --      | --            | --     | --    | --         |
| 05/18/92                           | 8.55            | 2.65               | 5.90           | 0.00                                    | --          | --                | --  | <50          | <0.5    | <0.5    | <0.5          | <0.5   | <5000 | <50        |
| 01/06/93                           | 8.55            | 2.76               | 5.79           | 0.00                                    | --          | --                | --  | <50          | <0.5    | <0.5    | <0.5          | <0.5   | --    | <50        |
| 02/03/93                           | 8.55            | --                 | --             | --                                      | --          | --                | --  | --           | --      | --      | --            | --     | --    | --         |
| 04/23/93                           | 11.97           | 6.70               | 5.27           | 0.00                                    | --          | --                | --  | <50          | <0.5    | <0.5    | <0.5          | <1.5   | --    | <50        |
| 07/19/93                           | 11.97           | 5.06               | 6.91           | 0.00                                    | --          | --                | --  | 74           | <0.5    | <0.5    | <0.5          | <1.5   | --    | <50        |
| 10/19/93                           | 11.97           | 5.49               | 6.48           | 0.00                                    | --          | --                | --  | <50          | <0.5    | 0.5     | <0.5          | 2.2    | --    | <50        |
| 01/07/94                           | 11.97           | 5.79               | 6.18           | 0.00                                    | --          | --                | --  | <50          | <0.5    | <0.5    | <0.5          | <0.5   | --    | <50        |
| 08/18/94                           | 11.97           | 5.77               | 6.20           | 0.00                                    | --          | --                | --  | <50          | <0.5    | <0.5    | <0.5          | <0.5   | --    | <50        |
| 11/30/94                           | 11.97           | 6.52               | 5.45           | 0.00                                    | --          | --                | --  | <50          | <0.5    | <0.5    | <0.5          | <0.5   | --    | 230*       |
| 02/15/95                           | 11.97           | 7.27               | 4.70           | 0.00                                    | --          | --                | --  | <50          | <0.5    | <0.5    | <0.5          | <0.5   | --    | 130*       |
| 05/01/95                           | 11.97           | 6.94               | 5.03           | 0.00                                    | --          | --                | --  | <50          | <0.5    | <0.5    | <0.5          | <0.5   | --    | 97**       |
| 08/04/95                           | 11.97           | 6.15               | 5.82           | 0.00                                    | --          | --                | --  | <50          | <0.5    | <0.5    | <0.5          | <0.5   | --    | 350**      |

\* Chromatogram pattern indicates a non-diesel mix.

\*\* Chromatogram pattern 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 | TOG | TPH-Diesel |
| <b>B-7</b>                         |                 |                    |                |   |             |                   |   |              |         |         |               |        |     |            |
| 04/23/93                           | 10.54           | 6.02               | 4.52           | 0.00                                    | --          | --                | --  | <50          | <0.5    | <0.5    | <0.5          | <1.5   | <50 | --         |
| 07/19/93                           | 10.54           | 5.50               | 5.04           | 0.00                                    | --          | --                | --  | <50          | <0.5    | <0.5    | <0.5          | <1.5   | <50 | <50        |
| 10/19/93                           | 10.54           | 5.14               | 5.40           | 0.00                                    | --          | --                | --  | <50          | 3.1     | 0.5     | <0.5          | 0.8    | --  | <50        |
| 01/07/94                           | 10.54           | 5.35               | 5.19           | 0.00                                    | --          | --                | --  | <50          | <0.5    | <0.5    | <0.5          | <0.5   | --  | <50        |
| 08/18/94                           | 10.54           | 5.28               | 5.26           | 0.00                                    | --          | --                | --  | <50          | <0.5    | <0.5    | <0.5          | 1.1    | --  | <50        |
| 11/30/94                           | 10.54           | 5.96               | 4.58           | 0.00                                    | --          | --                | --  | <50          | <0.5    | <0.5    | <0.5          | <0.5   | --  | <50        |
| 02/15/95                           | 10.54           | 6.32               | 4.22           | 0.00                                    | --          | --                | --  | <50          | <0.5    | <0.5    | <0.5          | <0.5   | --  | <50        |
| 05/01/95                           | 10.54           | 6.04               | 4.50           | 0.00                                    | --          | --                | --  | <50          | <0.5    | <0.5    | <0.5          | <0.5   | --  | 53**       |
| 08/04/95                           | 10.54           | 5.56               | 4.98           | 0.00                                    | --          | --                | --  | <50          | <0.5    | <0.5    | <0.5          | <0.5   | --  | <50        |
| <b>B-8</b>                         |                 |                    |                |   |             |                   |   |              |         |         |               |        |     |            |
| 04/23/93                           | 11.99           | 6.63               | 5.36           | 0.00                                    | --          | --                | --  | <50          | <0.5    | <0.5    | <0.5          | <1.5   | <50 | --         |
| 07/19/93                           | 11.99           | 5.77               | 6.22           | 0.00                                    | --          | --                | --  | <50          | <0.5    | <0.5    | <0.5          | <1.5   | <50 | <50        |
| 10/19/93                           | 11.99           | --                 | --             | --                                      | --          | --                | Dry   | --           | --      | --      | --            | --     | --  | --         |
| 01/07/94                           | 11.99           | 5.69               | 6.30           | 0.00                                    | --          | --                | --  | <50          | <0.5    | <0.5    | <0.5          | <0.5   | --  | <50        |
| 08/18/94                           | 11.99           | 5.56               | 6.43           | 0.00                                    | --          | --                | --  | <50          | <0.5    | <0.5    | <0.5          | <0.5   | --  | <50        |
| 11/30/94                           | 11.99           | 6.53               | 5.46           | 0.00                                    | --          | --                | --  | <50          | <0.5    | <0.5    | <0.5          | <0.5   | --  | 120*       |
| 02/15/95                           | 11.99           | 7.27               | 4.72           | 0.00                                    | --          | --                | --  | <50          | <0.5    | <0.5    | <0.5          | <0.5   | --  | 120*       |
| 05/01/95                           | 11.99           | 6.99               | 5.00           | 0.00                                    | --          | --                | --  | <50          | <0.5    | <0.5    | <0.5          | <0.5   | --  | 51**       |
| 08/04/95                           | 11.99           | 6.07               | 5.92           | 0.00                                    | --          | --                | --  | <50          | <0.5    | <0.5    | <0.5          | <0.5   | --  | <50        |
| <b>B-9</b>                         |                 |                    |                |   |             |                   |   |              |         |         |               |        |     |            |
| 04/23/93                           | 10.70           | 6.14               | 4.56           | 0.00                                    | --          | --                | --  | <50          | <0.5    | <0.5    | <0.5          | <1.5   | <50 | --         |
| 07/19/93                           | 10.70           | 5.25               | 5.45           | 0.00                                    | --          | --                | --  | <50          | <0.5    | <0.5    | <0.5          | <1.5   | <50 | <50        |
| 10/19/93                           | 10.70           | 4.81               | 5.89           | 0.00                                    | --          | --                | --  | <50          | <0.5    | <0.5    | <0.5          | <0.5   | --  | <50        |
| 01/07/94                           | 10.70           | 5.29               | 5.41           | 0.00                                    | --          | --                | --  | <50          | <0.5    | <0.5    | <0.5          | <0.5   | --  | <50        |
| 08/18/94                           | 10.70           | 5.15               | 5.55           | 0.00                                    | --          | --                | --  | <50          | <0.5    | <0.5    | <0.5          | <0.5   | --  | <50        |
| 11/30/94                           | 10.70           | 6.35               | 4.35           | 0.00                                    | --          | --                | --  | <50          | <0.5    | <0.5    | <0.5          | <0.5   | --  | 60*        |
| 02/15/95                           | 10.70           | 7.05               | 3.65           | 0.00                                    | --          | --                | --  | <50          | <0.5    | <0.5    | <0.5          | <0.5   | --  | <50        |
| 05/01/95                           | 10.70           | 6.41               | 4.29           | 0.00                                    | --          | --                | --  | <50          | <0.5    | <0.5    | <0.5          | <0.5   | --  | <50        |
| 08/04/95                           | 10.70           | 5.50               | 5.20           | 0.00                                    | --          | --                | --  | <50          | <0.5    | <0.5    | <0.5          | <0.5   | --  | <50        |

\* Chromatogram pattern indicates a non-diesel mix.

\*\* Chromatogram pattern 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 | TOG | TPH- Diesel |
| <b>TRIP BLANK</b>                  |                 |                    |                |   |             |                   |   |               |         |         |                |        |     |             |
| 01/06/93                           | --              | --                 | --             | --                                      | --          | --                | --  | <50           | <0.5    | <0.5    | <0.5           | <0.5   | --  | --          |
| 04/23/93                           | --              | --                 | --             | --                                      | --          | --                | --  | --            | --      | --      | --             | --     | --  | --          |
| 07/19/93                           | --              | --                 | --             | --                                      | --          | --                | --  | --            | --      | --      | --             | --     | --  | --          |
| 10/19/93                           | --              | --                 | --             | --                                      | --          | --                | --  | <50           | <0.5    | 0.5     | <0.5           | <0.5   | --  | --          |
| 01/17/94                           | --              | --                 | --             | --                                      | --          | --                | --  | <50           | <0.5    | <0.5    | <0.5           | <0.5   | --  | --          |
| 08/18/94                           | --              | --                 | --             | --                                      | --          | --                | --  | <50           | <0.5    | <0.5    | <0.5           | <0.5   | --  | --          |
| 11/30/94                           | --              | --                 | --             | --                                      | --          | --                | --  | <50           | <0.5    | <0.5    | <0.5           | <0.5   | --  | --          |
| 02/15/95                           | --              | --                 | --             | --                                      | --          | --                | --  | <50           | <0.5    | <0.5    | <0.5           | <0.5   | --  | --          |
| 05/01/95                           | --              | --                 | --             | --                                      | --          | --                | --  | <50           | <0.5    | <0.5    | <0.5           | <0.5   | --  | --          |
| 08/04/95                           | --              | --                 | --             | --                                      | --          | --                | --  | <50           | <0.5    | <0.5    | <0.5           | <0.5   | --  | --          |

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 = Seperate-Phase Hydrocarbons  
 TOG = Total Oil and Grease

# Analytical Appendix



|   |  |  |
|---|--|--|
| Blaine Technical Services<br>985 Timothy Drive<br>San Jose, CA 95133<br>Attention: Jim Keller | Client Proj. ID: Chevron 9-0290/950804-J2<br>Sample Descript: B-1<br>Matrix: LIQUID<br>Analysis Method: EPA 8015 Mod<br>Lab Number: 9508450-01 | Sampled: 08/04/95<br>Received: 08/07/95<br>Extracted: 08/08/95<br>Analyzed: 08/11/95<br>Reported: 08/16/95 |
|---|--|--|


QC Batch Number: GC0808950HBPEXZ  
Instrument ID: GCHP4B

**Total Extractable Petroleum Hydrocarbons (TEPH)**

| Analyte                                 | Detection Limit<br>ug/L                         | Sample Results<br>ug/L  |
|---|---|-------------------------|
| TEPH as Diesel<br>Chromatogram Pattern: | 250<br>C9-C24                                   | 4900<br>Unidentified HC |
| Surrogates<br>n-Pentacosane (C25)       | Control Limits %<br>50                      150 | % Recovery<br>93        |

Results quantitated against a diesel standard.  
Analytes reported as N.D. were not present above the stated limit of detection.

**SEQUOIA ANALYTICAL** - ELAP #1210

  
\_\_\_\_\_  
Peggy Penner  
Project Manager





Blaine Technical Services  
 985 Timothy Drive  
 San Jose, CA 95133  
 Attention: Jim Keller

Client Proj. ID: Chevron 9-0290/950804-J2  
 Sample Descript: B-1  
 Matrix: LIQUID  
 Analysis Method: 8015Mod/8020  
 Lab Number: 9508450-01

Sampled: 08/04/95  
 Received: 08/07/95  
 Analyzed: 08/10/95  
 Reported: 08/16/95

QC Batch Number: GC081095BTEX20A  
 Instrument ID: GCHP20

**Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX**

| Analyte  | Detection Limit<br>ug/L     | Sample Results<br>ug/L |
|--|-----------------------------|------------------------|
| <b>TPPH as Gas</b>                               | <b>2000</b>                 | <b>6700</b>            |
| <b>Benzene</b>                                   | <b>20</b>                   | <b>1400</b>            |
| Toluene  | 20                          | N.D.                   |
| Ethyl Benzene                                    | 20                          | N.D.                   |
| Xylenes (Total)                                  | 20                          | N.D.                   |
| <b>Chromatogram Pattern:<br/>Unidentified HC</b> |                             | <b>Gas<br/>&lt; C8</b> |
| <b>Surrogates</b>                                | <b>Control Limits %</b>     | <b>% Recovery</b>      |
| Trifluorotoluene                                 | 70                      130 | 111                    |

Analytes reported as N.D. were not present above the stated limit of detection.

**SEQUOIA ANALYTICAL** - ELAP #1210



Peggy Penner  
 Project Manager





|   |  |  |
|---|--|--|
| Blaine Technical Services<br>985 Timothy Drive<br>San Jose, CA 95133<br>Attention: Jim Keller | Client Proj. ID: Chevron 9-0290/950804-J2<br>Sample Descript: B-5<br>Matrix: LIQUID<br>Analysis Method: EPA 8015 Mod<br>Lab Number: 9508450-02 | Sampled: 08/04/95<br>Received: 08/07/95<br>Extracted: 08/08/95<br>Analyzed: 08/11/95<br>Reported: 08/16/95 |
|---|--|--|

QC Batch Number: GC0808950HBPEXZ  
Instrument ID: GCHP4A

**Total Extractable Petroleum Hydrocarbons (TEPH)**

| Analyte                                 | Detection Limit<br>ug/L | Sample Results<br>ug/L |
|---|-------------------------|------------------------|
| TEPH as Diesel<br>Chromatogram Pattern: | 50<br>C9-C24            | 250<br>Unidentified HC |

Discrete peaks were observed. The observed discrete peaks are not consistent with peaks commonly detected in motor fuel hydrocarbons.

| Surrogates          | Control Limits % | % Recovery |
|---------------------|------------------|------------|
| n-Pentacosane (C25) | 50 150           | 146        |

Results quantitated against a diesel standard.  
Analytes reported as N.D. were not present above the stated limit of detection.

**SEQUOIA ANALYTICAL** - ELAP #1210

Peggy Penner  
Project Manager





Blaine Technical Services  
985 Timothy Drive  
San Jose, CA 95133

Client Proj. ID: Chevron 9-0290/950804-J2  
Sample Descript: B-5  
Matrix: LIQUID  
Analysis Method: 8015Mod/8020  
Lab Number: 9508450-02

Sampled: 08/04/95  
Received: 08/07/95  
Analyzed: 08/09/95  
Reported: 08/16/95

QC Batch Number: GC080995BTEX03A  
Instrument ID: GCHP03

**Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX**

| Analyte               | Detection Limit<br>ug/L | Sample Results<br>ug/L |
|-----------------------|-------------------------|------------------------|
| TPPH as Gas           | 50                      | N.D.                   |
| Benzene               | 0.50                    | N.D.                   |
| Toluene               | 0.50                    | N.D.                   |
| Ethyl Benzene         | 0.50                    | N.D.                   |
| Xylenes (Total)       | 0.50                    | N.D.                   |
| Chromatogram Pattern: |                         |                        |
| <b>Surrogates</b>     | <b>Control Limits %</b> | <b>% Recovery</b>      |
| Trifluorotoluene      | 70 130                  | 113                    |

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Peggy Penner  
Project Manager





Blaine Technical Services  
985 Timothy Drive  
San Jose, CA 95133

Client Proj. ID: Chevron 9-0290/950804-J2  
Sample Descript: B-6  
Matrix: LIQUID  
Analysis Method: EPA 8015 Mod  
Lab Number: 9508450-03

Sampled: 08/04/95  
Received: 08/07/95  
Extracted: 08/08/95  
Analyzed: 08/11/95  
Reported: 08/16/95

QC Batch Number: GC0808950HBPEXZ  
Instrument ID: GCHP4A

**Total Extractable Petroleum Hydrocarbons (TEPH)**

| Analyte                                 | Detection Limit<br>ug/L | Sample Results<br>ug/L |
|---|-------------------------|------------------------|
| TEPH as Diesel<br>Chromatogram Pattern: | 50<br>C9-C24            | 350<br>Unidentified HC |

Discrete peaks were observed. The observed discrete peaks are not consistent with peaks commonly detected in motor fuel hydrocarbons.

| Surrogates          | Control Limits % | % Recovery |
|---------------------|------------------|------------|
| n-Pentacosane (C25) | 50 150           | 111        |

Results quantitated against a diesel standard.  
Analytes reported as N.D. were not present above the stated limit of detection.

**SEQUOIA ANALYTICAL** - ELAP #1210

Peggy Penner  
Project Manager







|  |  |   |
|--|--|---|
| Blaine Technical Services<br>985 Timothy Drive<br>San Jose, CA 95133 | Client Proj. ID: Chevron 9-0290/950804-J2<br>Sample Descript: B-6<br>Matrix: LIQUID<br>Analysis Method: 8015Mod/8020<br>Lab Number: 9508450-03 | Sampled: 08/04/95<br>Received: 08/07/95<br>Analyzed: 08/09/95<br>Reported: 08/16/95 |
| Attention: Jim Keller  |  |   |

QC Batch Number: GC080995BTEX03A  
Instrument ID: GCHP03

**Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX**

| Analyte               | Detection Limit<br>ug/L | Sample Results<br>ug/L |
|-----------------------|-------------------------|------------------------|
| TPPH as Gas           | 50                      | N.D.                   |
| Benzene               | 0.50                    | N.D.                   |
| Toluene               | 0.50                    | N.D.                   |
| Ethyl Benzene         | 0.50                    | N.D.                   |
| Xylenes (Total)       | 0.50                    | N.D.                   |
| Chromatogram Pattern: |                         |                        |
| <b>Surrogates</b>     | <b>Control Limits %</b> | <b>% Recovery</b>      |
| Trifluorotoluene      | 70 130                  | 108                    |

Analytes reported as N.D. were not present above the stated limit of detection.

**SEQUOIA ANALYTICAL** - ELAP #1210

Peggy Penner  
Project Manager





Blaine Technical Services  
985 Timothy Drive  
San Jose, CA 95133

Client Proj. ID: Chevron 9-0290/950804-J2  
Sample Descript: B-7  
Matrix: LIQUID  
Analysis Method: EPA 8015 Mod  
Lab Number: 9508450-04

Sampled: 08/04/95  
Received: 08/07/95  
Extracted: 08/08/95  
Analyzed: 08/11/95  
Reported: 08/16/95

Attention: Jim Keller

QC Batch Number: GC0808950HBPEXZ  
Instrument ID: GCHP4A

**Total Extractable Petroleum Hydrocarbons (TEPH)**

| Analyte                                 | Detection Limit<br>ug/L | Sample Results<br>ug/L |
|---|-------------------------|------------------------|
| TEPH as Diesel<br>Chromatogram Pattern: | 50                      | N.D.                   |

Discrete peaks were observed. The Chromatogram pattern does not indicate the presence of motor fuel hydrocarbon.

| Surrogates          | Control Limits % | % Recovery |
|---------------------|------------------|------------|
| n-Pentacosane (C25) | 50 150           | 130        |

Results quantitated against a diesel standard.  
Analytes reported as N.D. were not present above the stated limit of detection.

**SEQUOIA ANALYTICAL** - ELAP #1210

Peggy Penner  
Project Manager





|  |  |   |
|--|--|---|
| Blaine Technical Services<br>985 Timothy Drive<br>San Jose, CA 95133 | Client Proj. ID: Chevron 9-0290/950804-J2<br>Sample Descript: B-7<br>Matrix: LIQUID<br>Analysis Method: 8015Mod/8020<br>Lab Number: 9508450-04 | Sampled: 08/04/95<br>Received: 08/07/95<br>Analyzed: 08/09/95<br>Reported: 08/16/95 |
|--|--|---|

QC Batch Number: GC080995BTEX03A  
Instrument ID: GCHP03

**Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX**

| Analyte               | Detection Limit<br>ug/L | Sample Results<br>ug/L |
|-----------------------|-------------------------|------------------------|
| TPPH as Gas           | 50                      | N.D.                   |
| Benzene               | 0.50                    | N.D.                   |
| Toluene               | 0.50                    | N.D.                   |
| Ethyl Benzene         | 0.50                    | N.D.                   |
| Xylenes (Total)       | 0.50                    | N.D.                   |
| Chromatogram Pattern: |                         |                        |
| <b>Surrogates</b>     | <b>Control Limits %</b> | <b>% Recovery</b>      |
| Trifluorotoluene      | 70 130                  | 117                    |

Analytes reported as N.D. were not present above the stated limit of detection.

**SEQUOIA ANALYTICAL** - ELAP #1210

Peggy Penner  
Project Manager





|  |  |  |
|--|--|--|
| Blaine Technical Services<br>985 Timothy Drive<br>San Jose, CA 95133 | Client Proj. ID: Chevron 9-0290/950804-J2<br>Sample Descript: B-8<br>Matrix: LIQUID<br>Analysis Method: EPA 8015 Mod<br>Lab Number: 9508450-05 | Sampled: 08/04/95<br>Received: 08/07/95<br>Extracted: 08/08/95<br>Analyzed: 08/11/95<br>Reported: 08/16/95 |
|--|--|--|

QC Batch Number: GC0808950HBPEXZ  
Instrument ID: GCHP4B

**Total Extractable Petroleum Hydrocarbons (TEPH)**

| Analyte                                 | Detection Limit<br>ug/L | Sample Results<br>ug/L |
|---|-------------------------|------------------------|
| TEPH as Diesel<br>Chromatogram Pattern: | 50                      | N.D.                   |

Discrete peaks were observed. The Chromatogram pattern does not indicate the presence of motor fuel hydrocarbon.

| Surrogates          | Control Limits % | % Recovery |
|---------------------|------------------|------------|
| n-Pentacosane (C25) | 50 150           | 129        |

Results quantitated against a diesel standard.  
Analytes reported as N.D. were not present above the stated limit of detection.

**SEQUOIA ANALYTICAL** - ELAP #1210

Peggy Penner  
Project Manager





|  |  |   |
|--|--|---|
| Blaine Technical Services<br>985 Timothy Drive<br>San Jose, CA 95133 | Client Proj. ID: Chevron 9-0290/950804-J2<br>Sample Descript: B-8<br>Matrix: LIQUID<br>Analysis Method: 8015Mod/8020<br>Lab Number: 9508450-05 | Sampled: 08/04/95<br>Received: 08/07/95<br>Analyzed: 08/09/95<br>Reported: 08/16/95 |
|--|--|---|

QC Batch Number: GC080995BTEX21A  
Instrument ID: GCHP21

**Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX**

| Analyte               | Detection Limit<br>ug/L | Sample Results<br>ug/L |
|-----------------------|-------------------------|------------------------|
| TPPH as Gas           | 50                      | N.D.                   |
| Benzene               | 0.50                    | N.D.                   |
| Toluene               | 0.50                    | N.D.                   |
| Ethyl Benzene         | 0.50                    | N.D.                   |
| Xylenes (Total)       | 0.50                    | N.D.                   |
| Chromatogram Pattern: |                         |                        |
| <b>Surrogates</b>     | <b>Control Limits %</b> | <b>% Recovery</b>      |
| Trifluorotoluene      | 70 130                  | 103                    |

Analytes reported as N.D. were not present above the stated limit of detection.

**SEQUOIA ANALYTICAL** - ELAP #1210

Peggy Penner  
Project Manager





|  |  |  |
|--|--|--|
| Blaine Technical Services<br>985 Timothy Drive<br>San Jose, CA 95133 | Client Proj. ID: Chevron 9-0290/950804-J2<br>Sample Descript: B-9<br>Matrix: LIQUID<br>Analysis Method: EPA 8015 Mod<br>Lab Number: 9508450-06 | Sampled: 08/04/95<br>Received: 08/07/95<br>Extracted: 08/08/95<br>Analyzed: 08/11/95<br>Reported: 08/16/95 |
| Attention: Jim Keller  |  |  |

QC Batch Number: GC0808950HBPEXZ  
Instrument ID: GCHP4A

**Total Extractable Petroleum Hydrocarbons (TEPH)**

| Analyte                                 | Detection Limit<br>ug/L     | Sample Results<br>ug/L |
|---|-----------------------------|------------------------|
| TEPH as Diesel<br>Chromatogram Pattern: | 50                          | N.D.                   |
| <b>Surrogates</b>                       | <b>Control Limits %</b>     | <b>% Recovery</b>      |
| n-Pentacosane (C25)                     | 50                      150 | 93                     |

Results quantitated against a diesel standard.  
Analytes reported as N.D. were not present above the stated limit of detection.

**SEQUOIA ANALYTICAL** - ELAP #1210

Peggy Penner  
Project Manager





|   |  |   |
|---|--|---|
| Blaine Technical Services<br>985 Timothy Drive<br>San Jose, CA 95133<br>Attention: Jim Keller | Client Proj. ID: Chevron 9-0290/950804-J2<br>Sample Descript: B-9<br>Matrix: LIQUID<br>Analysis Method: 8015Mod/8020<br>Lab Number: 9508450-06 | Sampled: 08/04/95<br>Received: 08/07/95<br>Analyzed: 08/09/95<br>Reported: 08/16/95 |
|---|--|---|

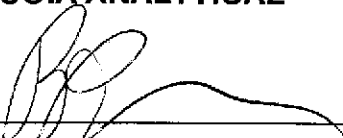
QC Batch Number: GC080995BTEX21A  
Instrument ID: GCHP21

**Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX**

| Analyte               | Detection Limit<br>ug/L     | Sample Results<br>ug/L |
|-----------------------|-----------------------------|------------------------|
| TPPH as Gas           | 50                          | N.D.                   |
| Benzene               | 0.50                        | N.D.                   |
| Toluene               | 0.50                        | N.D.                   |
| Ethyl Benzene         | 0.50                        | N.D.                   |
| Xylenes (Total)       | 0.50                        | N.D.                   |
| Chromatogram Pattern: |                             |                        |
| <b>Surrogates</b>     | <b>Control Limits %</b>     | <b>% Recovery</b>      |
| Trifluorotoluene      | 70                      130 | 106                    |

Analytes reported as N.D. were not present above the stated limit of detection.

**SEQUOIA ANALYTICAL** - ELAP #1210




---

Peggy Penner  
Project Manager





Blaine Technical Services  
985 Timothy Drive  
San Jose, CA 95133

Client Proj. ID: Chevron 9-0290/950804-J2  
Sample Descript: TB  
Matrix: LIQUID  
Analysis Method: 8015Mod/8020  
Lab Number: 9508450-07

Sampled: 08/07/95  
Received: 08/07/95  
Analyzed: 08/09/95  
Reported: 08/16/95

QC Batch Number: GC080995BTEX21A  
Instrument ID: GCHP21

**Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX**

| Analyte               | Detection Limit<br>ug/L | Sample Results<br>ug/L |
|-----------------------|-------------------------|------------------------|
| TPPH as Gas           | 50                      | N.D.                   |
| Benzene               | 0.50                    | N.D.                   |
| Toluene               | 0.50                    | N.D.                   |
| Ethyl Benzene         | 0.50                    | N.D.                   |
| Xylenes (Total)       | 0.50                    | N.D.                   |
| Chromatogram Pattern: |                         |                        |
| <b>Surrogates</b>     | <b>Control Limits %</b> | <b>% Recovery</b>      |
| Trifluorotoluene      | 70 130                  | 107                    |

Analytes reported as N.D. were not present above the stated limit of detection.

**SEQUOIA ANALYTICAL** - ELAP #1210

Peggy Penner  
Project Manager







Blaine Technical Services  
985 Timothy Drive  
San Jose, CA 95133  
Attention: Jim Keller

Client Proj. ID: Chevron 9-0290/950804-J2  
Lab Proj. ID: 9508450

Received: 08/07/95  
Reported: 08/16/95

### LABORATORY NARRATIVE

TPPH Note: Sample 9508450-01 was diluted 40-fold.

TEPH Note: Sample 9508450-01 was diluted 5-fold.

**SEQUOIA ANALYTICAL**

Peggy Penner  
Project Manager





Blaine Tech Services, Inc.  
985 Timothy Drive  
San Jose, CA 95133  
Attention: Jim Keller

Client Project ID: Chevron 9-0290/950804-J2  
Matrix: Liquid

Work Order #: 9508450 -01

Reported: Aug 17, 1995

**QUALITY CONTROL DATA REPORT**

| Analyte:       | Benzene         | Toluene         | Ethyl<br>Benzene | Xylenes         |
|----------------|-----------------|-----------------|------------------|-----------------|
| QC Batch#:     | GC081095BTEX20A | GC081095BTEX20A | GC081095BTEX20A  | GC081095BTEX20A |
| Analy. Method: | EPA 8020        | EPA 8020        | EPA 8020         | EPA 8020        |
| Prep. Method:  | EPA 5030        | EPA 5030        | EPA 5030         | EPA 5030        |

|                   |           |           |           |           |
|-------------------|-----------|-----------|-----------|-----------|
| Analyst:          | J. Minkel | J. Minkel | J. Minkel | J. Minkel |
| MS/MSD #:         | 950843402 | 950843402 | 950843402 | 950843402 |
| Sample Conc.:     | N.D.      | N.D.      | N.D.      | N.D.      |
| Prepared Date:    | 8/10/95   | 8/10/95   | 8/10/95   | 8/10/95   |
| Analyzed Date:    | 8/10/95   | 8/10/95   | 8/10/95   | 8/10/95   |
| Instrument I.D.#: | GCHP20    | GCHP20    | GCHP20    | GCHP20    |
| Conc. Spiked:     | 10 µg/L   | 10 µg/L   | 10 µg/L   | 30 µg/L   |
| Result:           | 10        | 9.9       | 9.8       | 30        |
| MS % Recovery:    | 100       | 99        | 98        | 100       |
| Dup. Result:      | 9.7       | 9.6       | 9.5       | 29        |
| MSD % Recov.:     | 97        | 96        | 95        | 97        |
| RPD:              | 3.0       | 3.1       | 3.1       | 3.4       |
| RPD Limit:        | 0-50      | 0-50      | 0-50      | 0-50      |

|                   |   |   |   |   |
|-------------------|---|---|---|---|
| LCS #:            | - | - | - | - |
| Prepared Date:    | - | - | - | - |
| Analyzed Date:    | - | - | - | - |
| Instrument I.D.#: | - | - | - | - |
| Conc. Spiked:     | - | - | - | - |
| LCS Result:       | - | - | - | - |
| LCS % Recov.:     | - | - | - | - |

| MS/MSD<br>LCS<br>Control Limits | 71-133 | 72-128 | 72-130 | 71-120 |
|---------------------------------|--------|--------|--------|--------|
|                                 |        |        |        |        |

**Please Note:**

The LCS is a control sample of known, interferent-free matrix that is analyzed using the same reagents, preparation, and analytical methods employed for the samples. The matrix spike is an aliquot of sample fortified with known quantities of specific compounds and subjected to the entire analytical procedure. If the recovery of analytes from the matrix spike does not fall within specified control limits due to matrix interference, the LCS recovery is to be used to validate the batch.

**SEQUOIA ANALYTICAL**

*Peggy Penner*  
Peggy Penner  
Project Manager

\*\* MS=Matrix Spike, MSD=MS Duplicate, RPD=Relative % Difference

9508450.BLA <1>





Blaine Tech Services, Inc.  
985 Timothy Drive  
San Jose, CA 95133  
Attention: Jim Keller

Client Project ID: Chevron 9-0290/950804-J2  
Matrix: Liquid  
Work Order #: 9508450-02-04

Reported: Aug 17, 1995

**QUALITY CONTROL DATA REPORT**

| Analyte:       | Benzene         | Toluene         | Ethyl Benzene   | Xylenes         |
|----------------|-----------------|-----------------|-----------------|-----------------|
| QC Batch#:     | GC080995BTEX03A | GC080995BTEX03A | GC080995BTEX03A | GC080995BTEX03A |
| Analy. Method: | EPA 8020        | EPA 8020        | EPA 8020        | EPA 8020        |
| Prep. Method:  | EPA 5030        | EPA 5030        | EPA 5030        | EPA 5030        |

|                   |           |           |           |           |
|-------------------|-----------|-----------|-----------|-----------|
| Analyst:          | J. Minkel | J. Minkel | J. Minkel | J. Minkel |
| MS/MSD #:         | 9507J5001 | 9507J5001 | 9507J5001 | 9507J5001 |
| Sample Conc.:     | N.D.      | N.D.      | N.D.      | N.D.      |
| Prepared Date:    | 8/9/95    | 8/9/95    | 8/9/95    | 8/9/95    |
| Analyzed Date:    | 8/9/95    | 8/9/95    | 8/9/95    | 8/9/95    |
| Instrument I.D.#: | GCHP3     | GCHP3     | GCHP3     | GCHP3     |
| Conc. Spiked:     | 10 µg/L   | 10 µg/L   | 10 µg/L   | 30 µg/L   |
| Result:           | 11        | 11        | 11        | 33        |
| MS % Recovery:    | 110       | 110       | 110       | 110       |
| Dup. Result:      | 11        | 12        | 12        | 34        |
| MSD % Recov.:     | 110       | 120       | 120       | 113       |
| RPD:              | 0.0       | 8.7       | 8.7       | 3.0       |
| RPD Limit:        | 0-50      | 0-50      | 0-50      | 0-50      |

|                   |   |   |   |   |
|-------------------|---|---|---|---|
| LCS #:            | - | - | - | - |
| Prepared Date:    | - | - | - | - |
| Analyzed Date:    | - | - | - | - |
| Instrument I.D.#: | - | - | - | - |
| Conc. Spiked:     | - | - | - | - |
| LCS Result:       | - | - | - | - |
| LCS % Recov.:     | - | - | - | - |

|                |        |        |        |        |
|----------------|--------|--------|--------|--------|
| MS/MSD         |        |        |        |        |
| LCS            | 71-133 | 72-128 | 72-130 | 71-120 |
| Control Limits |        |        |        |        |

**Please Note:**

The LCS is a control sample of known, interferent-free matrix that is analyzed using the same reagents, preparation, and analytical methods employed for the samples. The matrix spike is an aliquot of sample fortified with known quantities of specific compounds and subjected to the entire analytical procedure. If the recovery of analytes from the matrix spike does not fall within specified control limits due to matrix interference, the LCS recovery is to be used to validate the batch.

**SEQUOIA ANALYTICAL**

*Peggy Penner*  
Peggy Penner  
Project Manager

\*\* MS= Matrix Spike, MSD=MS Duplicate, RPD=Relative % Difference

9508450.BLA <2>





Blaine Tech Services, Inc.  
985 Timothy Drive  
San Jose, CA 95133  
Attention: Jim Keller

Client Project ID: Chevron 9-0290/950804-J2  
Matrix: Liquid  
Work Order #: 9508450-05-07

Reported: Aug 17, 1995

**QUALITY CONTROL DATA REPORT**

| Analyte:       | Benzene         | Toluene         | Ethyl<br>Benzene | Xylenes         |
|----------------|-----------------|-----------------|------------------|-----------------|
| QC Batch#:     | GC080995BTEX21A | GC080995BTEX21A | GC080995BTEX21A  | GC080995BTEX21A |
| Analy. Method: | EPA 8020        | EPA 8020        | EPA 8020         | EPA 8020        |
| Prep. Method:  | EPA 5030        | EPA 5030        | EPA 5030         | EPA 5030        |

|                   |           |           |           |           |
|-------------------|-----------|-----------|-----------|-----------|
| Analyst:          | J. Minkel | J. Minkel | J. Minkel | J. Minkel |
| MS/MSD #:         | 9507J5002 | 9507J5002 | 9507J5002 | 9507J5002 |
| Sample Conc.:     | N.D.      | N.D.      | N.D.      | N.D.      |
| Prepared Date:    | 8/9/95    | 8/9/95    | 8/9/95    | 8/9/95    |
| Analyzed Date:    | 8/9/95    | 8/9/95    | 8/9/95    | 8/9/95    |
| Instrument I.D.#: | GCHP21    | GCHP21    | GCHP21    | GCHP21    |
| Conc. Spiked:     | 10 µg/L   | 10 µg/L   | 10 µg/L   | 30 µg/L   |
| Result:           | 12        | 12        | 12        | 35        |
| MS % Recovery:    | 120       | 120       | 120       | 117       |
| Dup. Result:      | 12        | 12        | 12        | 36        |
| MSD % Recov.:     | 120       | 120       | 120       | 120       |
| RPD:              | 0.0       | 0.0       | 0.0       | 2.8       |
| RPD Limit:        | 0-50      | 0-50      | 0-50      | 0-50      |

|                   |   |   |   |   |
|-------------------|---|---|---|---|
| LCS #:            | - | - | - | - |
| Prepared Date:    | - | - | - | - |
| Analyzed Date:    | - | - | - | - |
| Instrument I.D.#: | - | - | - | - |
| Conc. Spiked:     | - | - | - | - |
| LCS Result:       | - | - | - | - |
| LCS % Recov.:     | - | - | - | - |

| MS/MSD<br>LCS<br>Control Limits | 71-133 | 72-128 | 72-130 | 71-120 |
|---------------------------------|--------|--------|--------|--------|
|                                 |        |        |        |        |

**Please Note:**

The LCS is a control sample of known, interferent-free matrix that is analyzed using the same reagents, preparation, and analytical methods employed for the samples. The matrix spike is an aliquot of sample fortified with known quantities of specific compounds and subjected to the entire analytical procedure. If the recovery of analytes from the matrix spike does not fall within specified control limits due to matrix interference, the LCS recovery is to be used to validate the batch.

**SEQUOIA ANALYTICAL**

  
Peggy Penner  
Project Manager

\*\* MS= Matrix Spike, MSD=MS Duplicate, RPD=Relative % Difference

9508450.BLA <3>





Blaine Tech Services, Inc.  
985 Timothy Drive  
San Jose, CA 95133  
Attention: Jim Keller

Client Project ID: Chevron 9-0290/950804-J2  
Matrix: Liquid  
Work Order #: 9508450-01-06

Reported: Aug 17, 1995

**QUALITY CONTROL DATA REPORT**

**Analyte:** Diesel  
**QC Batch#:** GC0808950HBPEXZ  
**Analy. Method:** EPA 8015M  
**Prep. Method:** EPA 3520

**Analyst:** T. Olive  
**MS/MSD #:** 950836902  
**Sample Conc.:** N.D.  
**Prepared Date:** 8/8/95  
**Analyzed Date:** 8/10/95  
**Instrument I.D.#:** GCHP4  
**Conc. Spiked:** 1000 µg/L

**Result:** 1100  
**MS % Recovery:** 110

**Dup. Result:** 1000  
**MSD % Recov.:** 100

**RPD:** 9.5  
**RPD Limit:** 0-50

**LCS #:** BLK080895  
**Prepared Date:** 8/8/95  
**Analyzed Date:** 8/10/95  
**Instrument I.D.#:** GCHP4  
**Conc. Spiked:** 1000 µg/L  
**LCS Result:** 1100  
**LCS % Recov.:** 110

**MS/MSD**  
**LCS** 38-122  
**Control Limits**

**SEQUOIA ANALYTICAL**

*Peggy Penner*  
Peggy Penner  
Project Manager

**Please Note:**  
The LCS is a control sample of known, interferent-free matrix that is analyzed using the same reagents, preparation, and analytical methods employed for the samples. The matrix spike is an aliquot of sample fortified with known quantities of specific compounds and subjected to the entire analytical procedure. If the recovery of analytes from the matrix spike does not fall within specified control limits due to matrix interference, the LCS recovery is to be used to validate the batch.


\*\* MS=Matrix Spike, MSD=MS Duplicate, RPD=Relative % Difference

9508450.BLA <4>



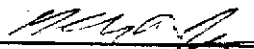
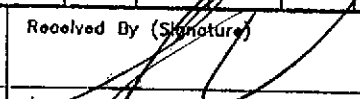

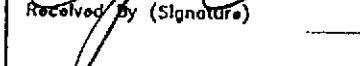
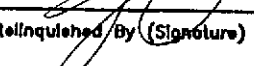
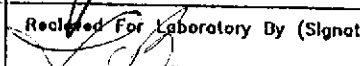
Chevron U.S.A. Inc.  
 P.O. BOX 5004  
 San Ramon, CA 94583  
 FAX (415)842-9591

Chevron Facility Number 9-0290  
 Facility Address 1802 Webster St., Alameda, CA  
 Consultant Project Number 950804-52  
 Consultant Name Blaine Tech Services, Inc.  
 Address 985 Timothy Dr., San Jose, CA 95133  
 Project Contact (Name) Jim Keller  
 (Phone) 08 995-5535 (Fax Number) 408 293-8773

Chevron Contact (Name) Mark Miller  
 (Phone) (510) 842-8134  
 Laboratory Name Sequoia  
 Laboratory Release Number 2172720  
 Samples Collected by (Name) Matt James  
 Collection Date 8/14/95  
 Signature 

| Sample Number  | Lab Sample Number | Number of Containers | Matrix<br>S = Soil<br>W = Water<br>A = Air<br>C = Charcoal | Type<br>G = Grab<br>C = Composite<br>D = Discrete | Time | Sample Preservation | Iced (Yes or No) | Analyses To Be Performed       |                      |                          |                                  |                               |                              |                                |  |  |  | DO NOT BILL<br>FOR TB-LB<br>Remarks |  |         |
|----------------|-------------------|----------------------|--|---|------|---------------------|------------------|--------------------------------|----------------------|--------------------------|----------------------------------|-------------------------------|------------------------------|--------------------------------|--|--|--|-------------------------------------|--|---------|
|                |                   |                      |  |   |      |                     |                  | BTX + TPH GAS<br>(8020 + 8015) | TPH Diesel<br>(8015) | Oil and Grease<br>(5520) | Purgeable Hydrocarbons<br>(8010) | Purgeable Aromatics<br>(8020) | Purgeable Organics<br>(8240) | Extractable Organics<br>(8270) | Metals<br>Cd, Cr, Pb, Zn, Ni<br>(ICAP or AA) |  |  |                                     |  |         |
| B-1            |                   | 5                    | W  | D   | 1342 | HCl                 | Y                | X                              | X                    |                          |                                  |                               |                              |                                |  |  |  |                                     |  |         |
| <del>B-5</del> |                   | 5                    |  |   | 1314 |                     |                  | X                              | X                    |                          |                                  |                               |                              |                                |  |  |  |                                     |  | 01 A-E  |
| B-6            |                   | 5                    |  |   | 1244 |                     |                  | X                              | X                    |                          |                                  |                               |                              |                                |  |  |  |                                     |  | 02      |
| B-7            |                   | 5                    |  |   | 1223 |                     |                  | X                              | X                    |                          |                                  |                               |                              |                                |  |  |  |                                     |  | 03      |
| B-8            |                   | 5                    |  |   | 1158 |                     |                  | X                              | X                    |                          |                                  |                               |                              |                                |  |  |  |                                     |  | 04      |
| B-9            |                   | 5                    |  |   | 1134 |                     |                  | X                              | X                    |                          |                                  |                               |                              |                                |  |  |  |                                     |  | 05      |
| TB             |                   | 2                    |  |   |      |                     |                  | X                              | X                    |                          |                                  |                               |                              |                                |  |  |  |                                     |  | 06      |
|                |                   |                      |  |   |      |                     |                  |                                |                      |                          |                                  |                               |                              |                                |  |  |  |                                     |  | 07 A, B |

95080450

|  |                         |                              |   |                         |                              |   |
|--|-------------------------|------------------------------|---|-------------------------|------------------------------|---|
| Relinquished By (Signature)  | Organization <u>BTS</u> | Date/Time <u>8-7-95 1010</u> | Received By (Signature)                 | Organization <u>SO2</u> | Date/Time <u>8/7/95</u>      | Turn Around Time (Circle Choice)<br>24 Hrs.<br>48 Hrs.<br>5 Days<br><u>10 Days</u><br>As Contracted |
| Relinquished By (Signature)  | Organization <u>SO2</u> | Date/Time <u>8/11/95</u>     | Received By (Signature)                 | Organization            | Date/Time                    |   |
| Relinquished By (Signature)  | Organization            | Date/Time                    | Received For Laboratory By (Signature)  |                         | Date/Time <u>8/7/95 1109</u> |   |

COC-3.DWG/03 01/HCH

# **Field Data Sheets**

## WELL GAUGING DATA

Project # 950804-J2 Date 8/2/95 Client 9-0290

Site 1802 Webster St., Alameda

| Well I.D. | Well Size (in.) | Sheen/Odor | Depth to Immiscible Liquid (feet) | Thickness of Immiscible Liquid (ft.) | Volume of Immiscibles Removed (ml) | Depth to Water (feet) | Depth to Well Bottom (feet) | Survey Point: TOB or TOC |
|-----------|-----------------|------------|-----------------------------------|--------------------------------------|------------------------------------|-----------------------|-----------------------------|--------------------------|
| A-1       | 6               |            | 5.77*                             |                                      |                                    |                       |                             | TOC                      |
| B-1       | 2               |            |                                   |                                      |                                    | 5.50                  | 17.28                       | <br>↓                    |
| B-5       | 2               |            |                                   |                                      |                                    | 4.96                  | 18.10                       |                          |
| B-6       | 2               |            |                                   |                                      |                                    | 5.82                  | 18.30                       |                          |
| B-7       | 2               |            |                                   |                                      |                                    | 4.98                  | 14.22                       |                          |
| B-8       | 2               |            |                                   |                                      |                                    | 5.92                  | 14.18                       |                          |
| B-9       | 2               |            |                                   |                                      |                                    | 5.20                  | 13.80                       |                          |
|           |                 |            |                                   |                                      |                                    |                       |                             |                          |
|           |                 |            |                                   |                                      |                                    |                       |                             |                          |
|           |                 |            |                                   |                                      |                                    |                       |                             |                          |
|           |                 |            |                                   |                                      |                                    |                       |                             |                          |
|           |                 |            |                                   |                                      |                                    |                       |                             |                          |
|           |                 |            |                                   |                                      |                                    |                       |                             |                          |
|           |                 |            |                                   |                                      |                                    |                       |                             |                          |
|           |                 |            |                                   |                                      |                                    |                       |                             |                          |

\* Note: Unable to accurately gauge the thickness of Immiscible Liquid. Due to the thickness of the product the probe became fouled and was unable to sense water.



# CHEVRON WELL MONITORING DATA SHEET

|   |   |
|---|---|
| Project #: <u>550802-J2</u>                                     | Station #: <u>9-0290</u>                      |
| Sampler: _____  | Start Date: <u>8/4/95</u>                     |
| Well I.D.: <u>A-1</u>   | Well Diameter: (circle one) 2 3 4 <u>6</u>    |
| Total Well Depth:<br>Before _____ After _____                   | Depth to Water:<br>Before _____ After _____   |
| Depth to Free Product: <u>5.77*</u>                             | Thickness of Free Product (feet): <u>4.13</u> |
| Measurements referenced to: <u>PVC</u> Grade _____ Other: _____ |   |

|               |      |               |       |
|---------------|------|---------------|-------|
| Well Diameter | VCF  | Well Diameter | VCF   |
| 1"            | 0.04 | 6"            | 1.47  |
| 2"            | 0.16 | 8"            | 2.61  |
| 3"            | 0.37 | 10"           | 4.08  |
| 4"            | 0.65 | 12"           | 5.87  |
| 5"            | 1.02 | 16"           | 10.43 |

|               |                   |   |               |
|---------------|-------------------|---|---------------|
| _____ X _____ | Specified Volumes | = | _____ gallons |
| 1 Case Volume |                   |   |               |

Purging: Bailer  
 Disposable Bailer  
 Middleburg  
 Electric Submersible  
 Extraction Pump  
 Other \_\_\_\_\_

Sampling: Bailer  
 Disposable Bailer  
 Extraction Port  
 Other \_\_\_\_\_

| TIME | TEMP. (F) | pH | COND. | TURBIDITY: | VOLUME REMOVED: | OBSERVATIONS: |
|------|-----------|----|-------|------------|-----------------|---------------|
|      |           |    |       |            |                 |               |
|      |           |    |       |            |                 |               |
|      |           |    |       |            |                 |               |
|      |           |    |       |            |                 |               |
|      |           |    |       |            |                 |               |
|      |           |    |       |            |                 |               |
|      |           |    |       |            |                 |               |
|      |           |    |       |            |                 |               |
|      |           |    |       |            |                 |               |

Did Well Dewater? \_\_\_\_\_ If yes, gals. \_\_\_\_\_ Gallons Actually Evacuated: \_\_\_\_\_

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

Sampling Date: \_\_\_\_\_

Sample I.D.: \_\_\_\_\_

Laboratory: \_\_\_\_\_

Analyzed for: TPH-G BTEX TPH-D OTHER:  
 (Circle)

Duplicate I.D.: \_\_\_\_\_

Cleaning Blank I.D.: \_\_\_\_\_

Analyzed for: TPH-G BTEX TPH-D OTHER:  
 (Circle)

\* Unable to accurately gauge / Interphase probe became fouled and was unable to sense water.

# CHEVRON WELL MONITORING DATA SHEET

|  |   |
|--|---|
| Project #: <u>950804-J2</u>                    | Station #: <u>9-0290</u>                    |
| Sampler: <u>MS</u>                             | Start Date: <u>8/4/95</u>                   |
| Well I.D.: <u>B-1</u>                          | Well Diameter: (circle one) <u>2</u> 3 4 6  |
| Total Well Depth:<br>Before <u>17.28</u> After | Depth to Water:<br>Before <u>5.50</u> After |
| Depth to Free Product:                         | Thickness of Free Product (feet):           |
| Measurements referenced to: <u>PVC</u>         | Grade Other:                                |

|               |      |               |       |
|---------------|------|---------------|-------|
| Well Diameter | VCF  | Well Diameter | VCF   |
| 1"            | 0.04 | 6"            | 1.47  |
| 2"            | 0.16 | 8"            | 2.61  |
| 3"            | 0.37 | 10"           | 4.08  |
| 4"            | 0.65 | 12"           | 5.87  |
| 5"            | 1.02 | 16"           | 10.43 |

|               |          |                   |          |            |  |
|---------------|----------|-------------------|----------|------------|--|
| <u>1.9</u>    | <u>x</u> | <u>3</u>          | <u>=</u> | <u>5.7</u> |  |
| 1 Case Volume |          | Specified Volumes |          | gallons    |  |

Purging: Bailer  
Disposable Bailer  
 Middleburg  
 Electric Submersible  
 Extraction Pump  
 Other \_\_\_\_\_

Sampling: Bailer  
Disposable Bailer  
 Extraction Port  
 Other \_\_\_\_\_

| TIME        | TEMP. (F)   | pH         | COND.       | TURBIDITY: | VOLUME REMOVED: | OBSERVATIONS: |
|-------------|-------------|------------|-------------|------------|-----------------|---------------|
| <u>1334</u> | <u>64.7</u> | <u>7.4</u> | <u>1800</u> | <u>—</u>   | <u>2.0</u>      | <u>Odor</u>   |
| <u>1336</u> | <u>63.0</u> | <u>7.2</u> | <u>1800</u> | <u>—</u>   | <u>4.0</u>      |               |
| <u>1338</u> | <u>62.0</u> | <u>7.2</u> | <u>1800</u> | <u>—</u>   | <u>6.0</u>      |               |
|             |             |            |             |            |                 |               |
|             |             |            |             |            |                 |               |
|             |             |            |             |            |                 |               |
|             |             |            |             |            |                 |               |

Did Well Dewater? No If yes, gals. Gallons Actually Evacuated: 6.0

Sampling Time: 1342 Sampling Date: 8/4/95

Sample I.D.: B-1 Laboratory: SEQ

Analyzed for: TPH-G BTEX TPH-D OTHER:

Duplicate I.D.: Cleaning Blank I.D.:

Analyzed for: TPH-G BTEX TPH-D OTHER:  
 (Circle)

# CHEVRON WELL MONITORING DATA SHEET

|   |                                      |
|---|--------------------------------------|
| Project #: 950804-J2                    | Station #: 9-0290                    |
| Sampler: MJ                             | Start Date: 8/4/95                   |
| Well I.D.: B-5                          | Well Diameter: (circle one) 2 3 4 6  |
| Total Well Depth:<br>Before 18.10 After | Depth to Water:<br>Before 4.96 After |
| Depth to Free Product:                  | Thickness of Free Product (feet):    |
| Measurements referenced to: PVC         | Grade Other: -                       |

|               |      |               |       |
|---------------|------|---------------|-------|
| Well Diameter | VCF  | Well Diameter | VCF   |
| 1"            | 0.04 | 6"            | 1.47  |
| 2"            | 0.16 | 8"            | 2.61  |
| 3"            | 0.37 | 10"           | 4.08  |
| 4"            | 0.65 | 12"           | 5.87  |
| 5"            | 1.02 | 16"           | 10.43 |

|               |   |                   |   |         |
|---------------|---|-------------------|---|---------|
| 2.1           | x | 3                 | = | 6.3     |
| 1 Case Volume |   | Specified Volumes |   | gallons |

|   |  |
|---|--|
| Purging: Bailer<br><del>Disposable Bailer</del><br>Middleburg<br>Electric Submersible<br>Extraction Pump<br>Other _____ | Sampling: Bailer<br><del>Disposable Bailer</del><br>Extraction Port<br>Other _____ |
|---|--|

| TIME | TEMP. (F) | pH  | COND. | TURBIDITY: | VOLUME REMOVED: | OBSERVATIONS: |
|------|-----------|-----|-------|------------|-----------------|---------------|
| 1305 | 62.8      | 7.0 | 760   | —          | 2.25            |               |
| 1307 | 62.2      | 7.0 | 790   | —          | 4.5             |               |
| 1309 | 62.0      | 7.1 | 770   | —          | 6.5             |               |
|      |           |     |       |            |                 |               |
|      |           |     |       |            |                 |               |
|      |           |     |       |            |                 |               |

Did Well Dewater? NO If yes, gals. Gallons Actually Evacuated: 6.5

Sampling Time: 1314 Sampling Date: 8/4/95

Sample I.D.: B-5 Laboratory: SEQ

Analyzed for: TPH-G BTEX TPH-D OTHER:

Duplicate I.D.: Cleaning Blank I.D.:

Analyzed for: TPH-G BTEX TPH-D OTHER:

# CHEVRON WELL MONITORING DATA SHEET

|   |                                      |
|---|--------------------------------------|
| Project #: 950804-J2                                | Station #: 9-0290                    |
| Sampler: MS   | Start Date: 8/4/95                   |
| Well I.D.: B-6                                      | Well Diameter: (circle one) ② 3 4 6  |
| Total Well Depth:<br>Before 18.30 After             | Depth to Water:<br>Before 5.82 After |
| Depth to Free Product:                              | Thickness of Free Product (feet):    |
| Measurements referenced to: <u>FVC</u> Grade Other: |                                      |

|               |      |               |       |
|---------------|------|---------------|-------|
| Well Diameter | VCF  | Well Diameter | VCF   |
| 1"            | 0.04 | 6"            | 1.47  |
| 2"            | 0.16 | 8"            | 2.61  |
| 3"            | 0.37 | 10"           | 4.08  |
| 4"            | 0.65 | 12"           | 5.87  |
| 5"            | 1.02 | 16"           | 10.43 |

|               |   |                   |   |            |
|---------------|---|-------------------|---|------------|
| <u>2.2</u>    | x | <u>3</u>          | = | <u>6.6</u> |
| 1 Case Volume |   | Specified Volumes |   | gallons    |

|   |  |
|---|--|
| Purging: Bailer<br><u>Disposable Bailer</u><br>Middleburg<br>Electric Submersible<br>Extraction Pump<br>Other _____ | Sampling: Bailer<br><u>Disposable Bailer</u><br>Extraction Port<br>Other _____ |
|---|--|

| TIME | TEMP. (F) | pH  | COND. | TURBIDITY: | VOLUME REMOVED: | OBSERVATIONS: |
|------|-----------|-----|-------|------------|-----------------|---------------|
| 1238 | 66.2      | 7.2 | 800   | —          | 2.25            |               |
| 1241 | 65.8      | 7.1 | 820   | —          | 4.5             |               |
| 1244 | 66.2      | 7.0 | 840   | —          | 7.0             |               |
|      |           |     |       |            |                 |               |
|      |           |     |       |            |                 |               |
|      |           |     |       |            |                 |               |

Did Well Dewater? No If yes, gals. Gallons Actually Evacuated: 7.0

Sampling Time: 1250 Sampling Date: 8/4/95

Sample I.D.: B6 Laboratory: SEQ

Analyzed for: TPH-G BTEX TPH-D OTHER: \_\_\_\_\_  
(Circle)

Duplicate I.D.: \_\_\_\_\_ Cleaning Blank I.D.: \_\_\_\_\_

Analyzed for: TPH-G BTEX TPH-D OTHER: \_\_\_\_\_  
(Circle)

# CHEVRON WELL MONITORING DATA SHEET

|   |   |
|---|---|
| Project #: <u>950804-J2</u>                         | Station #: <u>9-0290</u>                    |
| Sampler: <u>MS</u>                                  | Start Date: <u>8/4/95</u>                   |
| Well I.D.: <u>B-7</u>                               | Well Diameter: (circle one) <u>2</u> 3 4 6  |
| Total Well Depth:<br>Before <u>14.22</u> After      | Depth to Water:<br>Before <u>4.98</u> After |
| Depth to Free Product:                              | Thickness of Free Product (feet):           |
| Measurements referenced to: <u>PVC</u> Grade Other: |   |

|               |      |               |       |
|---------------|------|---------------|-------|
| Well Diameter | VCF  | Well Diameter | VCF   |
| 1"            | 0.04 | 6"            | 1.47  |
| 2"            | 0.16 | 8"            | 2.61  |
| 3"            | 0.37 | 10"           | 4.08  |
| 4"            | 0.65 | 12"           | 5.87  |
| 5"            | 1.02 | 16"           | 10.43 |

|               |          |                   |          |            |
|---------------|----------|-------------------|----------|------------|
| <u>1.5</u>    | <u>x</u> | <u>3</u>          | <u>=</u> | <u>4.5</u> |
| 1 Case Volume |          | Specified Volumes |          | gallons    |

Purging: Bailer  
Disposable Bailer  
Middleburg  
 Electric Submersible  
 Extraction Pump  
 Other \_\_\_\_\_

Sampling: Bailer  
Disposable Bailer  
Extraction Port  
 Other \_\_\_\_\_

| TIME  | TEMP. (F) | PH  | COND. | TURBIDITY: | VOLUME REMOVED: | OBSERVATIONS: |
|-------|-----------|-----|-------|------------|-----------------|---------------|
| 12:12 | 66.6      | 7.4 | 710   | —          | 1.5             |               |
| 12:14 | 64.8      | 7.4 | 710   | —          | 3.0             |               |
| 12:16 | 66.0      | 7.4 | 710   | —          | 4.5             |               |
|       |           |     |       |            |                 |               |
|       |           |     |       |            |                 |               |
|       |           |     |       |            |                 |               |

Did Well Dewater? No If yes, gals. Gallons Actually Evacuated: 4.5

Sampling Time: 12:23 Sampling Date: 8/4/95

Sample I.D.: B-7 Laboratory: SEQ

Analyzed for: TPH-G BTEX TPH-D OTHER:

Duplicate I.D.: Cleaning Blank I.D.:

Analyzed for: TPH-G BTEX TPH-D OTHER:

# CHEVRON WELL MONITORING DATA SHEET

|   |                                      |
|---|--------------------------------------|
| Project #: 950804-J2                                | Station #: 9-0290                    |
| Sampler: MJ   | Start Date: 8/4/95                   |
| Well I.D.: B-8                                      | Well Diameter: (circle one) 2 3 4 6  |
| Total Well Depth:<br>Before 14.18 After             | Depth to Water:<br>Before 5.92 After |
| Depth to Free Product:                              | Thickness of Free Product (feet):    |
| Measurements referenced to: <u>PVC</u> Grade Other: |                                      |

| Well Diameter | VCF  | Well Diameter | VCF   |
|---------------|------|---------------|-------|
| 1"            | 0.04 | 6"            | 1.47  |
| 2"            | 0.16 | 8"            | 2.61  |
| 3"            | 0.37 | 10"           | 4.08  |
| 4"            | 0.65 | 12"           | 5.87  |
| 5"            | 1.02 | 16"           | 10.43 |

|               |   |                   |   |         |
|---------------|---|-------------------|---|---------|
| 1.3           | x | 3                 | = | 3.9     |
| 1 Case Volume |   | Specified Volumes |   | gallons |

Purging: Bailer  
Disposable Bailer  
 Middleburg  
 Electric Submersible  
 Extraction Pump  
 Other \_\_\_\_\_

Sampling: Bailer  
Disposable Bailer  
 Extraction Port  
 Other \_\_\_\_\_

| TIME  | TEMP. (F) | pH  | COND. | TURBIDITY: | VOLUME REMOVED: | OBSERVATIONS: |
|-------|-----------|-----|-------|------------|-----------------|---------------|
| 11:48 | 63.2      | 7.0 | 1600  | —          | 1.5             |               |
| 11:50 | 62.8      | 7.0 | 1600  | —          | 3.0             |               |
| 11:52 | 62.8      | 7.0 | 1600  | —          | 4.0             |               |
|       |           |     |       |            |                 |               |
|       |           |     |       |            |                 |               |
|       |           |     |       |            |                 |               |

Did Well Dewater? No If yes, gals. Gallons Actually Evacuated: 4.0

Sampling Time: 1158 Sampling Date: 8/4/95

Sample I.D.: B-8 Laboratory: SEQ

Analyzed for: TPH-G BTEX TPH-D OTHER:

Duplicate I.D.: Cleaning Blank I.D.:

Analyzed for: TPH-G BTEX TPH-D OTHER:

# CHEVRON WELL MONITORING DATA SHEET

|   |  |
|---|--|
| Project #: <u>950804-J2</u>                         | Station #: <u>9-0290</u>                                     |
| Sampler: <u>MJ</u>                                  | Start Date: <del>1882 Webster</del> <u>8/4/95</u>            |
| Well I.D.: <u>B9</u>                                | Well Diameter: (circle one) <u>2</u> 3 4 6                   |
| Total Well Depth:<br>Before <u>13.80</u> After      | Depth to Water: <u>5.20</u><br>Before <del>13.80</del> After |
| Depth to Free Product:                              | Thickness of Free Product (feet):                            |
| Measurements referenced to: <u>PVC</u> Grade Other: |  |

|               |      |               |       |
|---------------|------|---------------|-------|
| Well Diameter | VCF  | Well Diameter | VCF   |
| 1"            | 0.04 | 6"            | 1.47  |
| 2"            | 0.16 | 8"            | 2.61  |
| 3"            | 0.37 | 10"           | 4.08  |
| 4"            | 0.65 | 12"           | 5.87  |
| 5"            | 1.02 | 16"           | 10.43 |

$$\frac{1.2}{1 \text{ Case Volume}} \times \frac{3}{\text{Specified Volumes}} = \frac{3.6}{\text{gallons}}$$

|  |   |
|--|---|
| Purging: <u>Bailer</u><br><u>Disposable Bailer</u><br>Middleburg<br>Electric Submersible<br>Extraction Pump<br>Other _____ | Sampling: <u>Bailer</u><br><u>Disposable Bailer</u><br>Extraction Port<br>Other _____ |
|--|---|

| TIME | TEMP. (F) | pH  | COND. | TURBIDITY: | VOLUME REMOVED: | OBSERVATIONS: |
|------|-----------|-----|-------|------------|-----------------|---------------|
| 1123 | 68.8      | 7.2 | 1000  | —          | 1.25            |               |
| 1125 | 67.4      | 7.2 | 1000  | —          | 2.5             |               |
| 1127 | 67.2      | 7.2 | 1000  | —          | 3.75            |               |
|      |           |     |       |            |                 |               |
|      |           |     |       |            |                 |               |
|      |           |     |       |            |                 |               |

Did Well Dewater? No If yes, gals. Gallons Actually Evacuated: 3.75

|   |                              |
|---|------------------------------|
| Sampling Time: <u>11:34</u>                           | Sampling Date: <u>8/4/95</u> |
| Sample I.D.: <u>B-9</u>                               | Laboratory: <u>SEQ</u>       |
| Analyzed for: (Circle) <u>TPH-G BTEX TPH-D</u> OTHER: |                              |
| Duplicate I.D.:                                       | Cleaning Blank I.D.:         |
| Analyzed for: (Circle) <u>TPH-G BTEX TPH-D</u> OTHER: |                              |