

BLAINE
TECH SERVICES



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

July 15, 1999

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

2nd Quarter 1999 Monitoring at 9-0290

Second Quarter 1999 Groundwater Monitoring at
Chevron Service Station Number 9-0290
1802 Webster Street
Alameda, CA

Monitoring Performed on May 6, 1999

Groundwater Sampling Report 990506-C-1

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

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

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

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

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

Please call if you have any questions.

Yours truly,

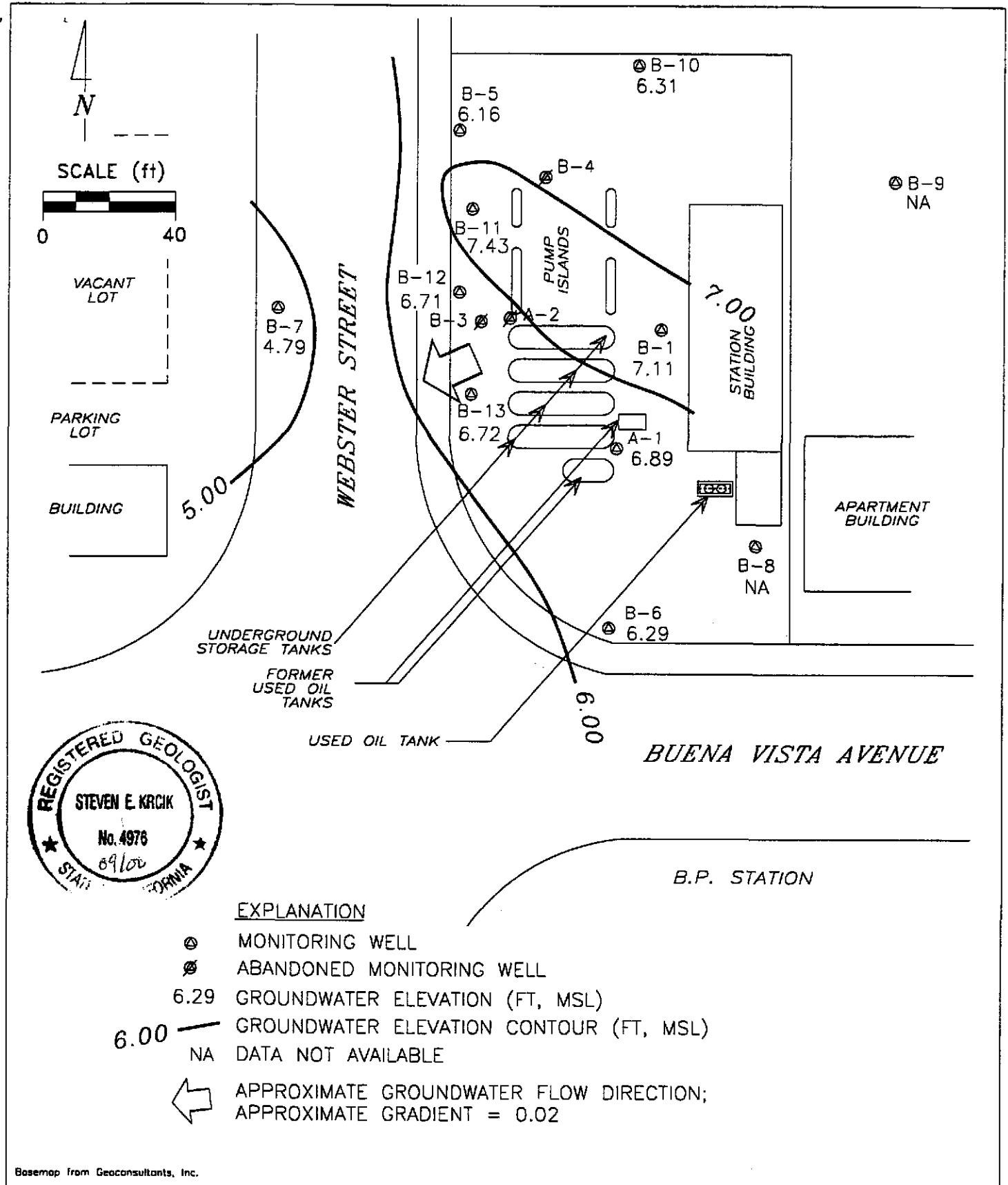
A handwritten signature in black ink, appearing to read "Christine Lillie".

Christine Lillie
Project Coordinator

CAL/sb

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

Professional Engineering Appendix



PREPARED BY

RRM
engineering contracting firm

Chevron Station 9-0290
1802 Webster Street
Alameda, California

GROUNDWATER ELEVATION CONTOUR MAP,
MAY 6, 1999

FIGURE:
1
PROJECT:
DAC04

Table of Well Data and Analytical Results

Cumulative Table of Well Data and Analytical Results

| Vertical Measurements are in feet. | | | | Volumetric Measurements are in gallons. | | | | Analytical results are in parts per billion (ppb) | | | | | | | |
|------------------------------------|---------------|----------------|-------------|---|----------------|----------------|-------|---|---------|---------|--------------|--------|-----|------------|------|
| DATE | Well | Ground | Depth | SPH Thickness | SPH Removed | Total | Notes | TPH-Gasoline | Benzene | Toluene | Ethyl-Benzen | Xylene | TOG | TPH-Diesel | MTBE |
| | Head Elev. | Water Elev. | To Water | | | SPH Removed | | | | | | | | | |
| A-1 | | | | | | | | | | | | | | | |
| 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 | -- | -- | -- | 2.000 | 2.000 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 06/15/93 | 11.56 | -- | -- | -- | 0.130 | 2.130 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 06/18/93 | 11.56 | -- | -- | -- | 0.130 | 2.260 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 06/22/93 | 11.56 | -- | -- | -- | 0.500 | 2.760 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 06/29/93 | 11.56 | -- | -- | -- | -- | 2.760 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 07/09/93 | 11.56 | -- | -- | -- | -- | 2.760 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 07/15/93 | 11.56 | -- | -- | -- | -- | 2.760 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 07/19/93 | 11.56 | 5.54 | 6.23 | 0.26 | 2.000 | 4.760 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 07/20/93 | 11.56 | -- | -- | -- | -- | 4.760 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 07/27/93 | 11.56 | -- | -- | -- | -- | 4.760 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 08/06/93 | 11.56 | -- | -- | -- | -- | 4.760 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 08/10/93 | 11.56 | -- | -- | -- | -- | 4.760 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 08/16/93 | 11.56 | -- | -- | -- | -- | 4.760 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 09/16/93 | 11.56 | -- | -- | -- | -- | 4.760 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 09/24/93 | 11.56 | -- | -- | -- | -- | 4.760 | -- | -- | -- | -- | -- | -- | -- | -- | -- |

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Cumulative Table of Well Data and Analytical Results

| Vertical Measurements are in feet. | | | | Volumetric Measurements are in gallons. | | | | Analytical results are in parts per billion (ppb) | | | | | | | |
|------------------------------------|--------------------|-----------------------|-------------------|---|----------------|-------------------------|-------|---|---------|---------|---------------|--------|-----|------------|------|
| DATE | Well Head Elev. | Ground Water Elev. | Depth To Water | SPH Thickness | SPH Removed | Total SPH Removed | Notes | TPH-Gasoline | Benzene | Toluene | Ethyl-Benzene | Xylene | TOG | TPH-Diesel | MTBE |
| A-1 (CONT'D) | | | | | | | | | | | | | | | |
| 10/01/93 | 11.56 | -- | -- | -- | -- | 4.760 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 10/07/93 | 11.56 | -- | -- | -- | -- | 4.760 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 10/13/93 | 11.56 | -- | -- | -- | -- | 4.760 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 10/19/93 | 11.56 | -- | -- | 0.10 | -- | 4.760 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 10/20/93 | 11.56 | -- | -- | -- | -- | 4.760 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 10/28/93 | 11.56 | -- | -- | -- | -- | 4.760 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 11/12/93 | 11.56 | -- | -- | -- | -- | 4.760 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 11/19/93 | 11.56 | -- | -- | -- | -- | 4.760 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 11/30/93 | 11.56 | -- | -- | -- | -- | 4.760 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 12/10/93 | 11.56 | -- | -- | -- | -- | 4.760 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 12/16/93 | 11.56 | -- | -- | -- | -- | 4.760 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 12/23/93 | 11.56 | -- | -- | -- | -- | 4.760 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 12/29/93 | 11.56 | -- | -- | -- | -- | 4.760 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 01/03/94 | 11.56 | -- | -- | -- | -- | 4.760 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 01/17/94 | 11.56 | -- | -- | -- | -- | 4.760 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 01/26/94 | 11.56 | -- | -- | -- | -- | 4.760 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 02/07/94 | 11.56 | -- | -- | -- | -- | 4.760 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 02/11/94 | 11.56 | -- | -- | -- | -- | 4.760 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 02/18/94 | 11.56 | -- | -- | -- | -- | 4.760 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 02/25/94 | 11.56 | -- | -- | -- | -- | 4.760 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 03/04/94 | 11.56 | -- | -- | -- | -- | 4.760 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 03/11/94 | 11.56 | -- | -- | -- | -- | 4.760 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 03/16/94 | 11.56 | -- | -- | -- | -- | 4.760 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 03/25/94 | 11.56 | -- | -- | -- | -- | 4.760 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 04/01/94 | 11.56 | -- | -- | -- | -- | 4.760 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 08/18/94 | 11.56 | -- | -- | -- | -- | 4.760 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 11/30/94 | 11.56 | -- | -- | -- | 2.000 | 6.760 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 02/15/95 | 11.56 | -- | 4.79 | -- | -- | 6.760 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 05/01/95 | 11.56 | -- | -- | -- | -- | 6.760 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 08/04/95 | 11.56 | -- | -- | -- | -- | 6.760 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 11/29/95 | 11.56 | 5.24 | 6.38 | 0.08 | 0.026 | 6.786 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 02/08/96 | 11.56 | 7.03 | 4.57 | 0.05 | -- | 6.790 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 05/08/96 | 11.56 | 6.29 | 5.49 | 0.28 | -- | 6.790 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 08/23/96 | 11.56 | 5.31 | 6.43 | 0.22 | -- | 6.790 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 12/12/96 | 11.56 | 6.37 | 5.53 | 0.42 | 0.053 | 6.843 | -- | -- | -- | -- | -- | -- | -- | -- | -- |

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Cumulative Table of Well Data and Analytical Results

| Vertical Measurements are in feet. | | | | | Volumetric Measurements are in gallons. | | | Analytical results are in parts per billion (ppb) | | | | | | | |
|------------------------------------|------------|--------------|----------------|---------------|---|-------------|-------|---|---------|---------|---------------|--------|-----|------------|------|
| DATE | Well Head | Ground Water | Depth To Water | SPH Thickness | Total SPH | SPH Removed | Notes | TPH-Gasoline | Benzene | Toluene | Ethyl-Benzene | Xylene | TOG | TPH-Diesel | MTBE |
| | Head Elev. | Water Elev. | | | Removed | | | | | | | | | | |
| A-1 (CONT'D) | | | | | | | | | | | | | | | |
| 02/10/97 | 11.56 | 7.25 | 4.45 | 0.17 | 0.079 | 6.922 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 05/01/97 | 11.56 | 6.11 | 5.51 | 0.08 | 0.053 | 6.975 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 08/05/97 | 11.56 | 5.68 | 5.96 | 0.10 | 0.066 | 7.041 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 10/28/97 | 11.56 | 5.56 | 6.05 | 0.06 | 0.026 | 7.067 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 02/04/98 | 11.56 | 8.39 | 3.20 | 0.04 | 0.026 | 7.093 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 06/03/98 | 11.56 | 7.02 | 4.56 | 0.03 | 0.021 | 7.114 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 07/29/98 | 11.56 | 7.15 | 4.44 | 0.04 | 0.040 | 7.154 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 11/30/98 | 11.56 | 6.23 | 5.61 | 0.35 | 0.012 | 7.166 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 02/24/99 | 11.56 | 7.63 | 4.41 | 0.60 | 0.066 | 7.232 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 05/06/99 | 11.56 | 6.89 | 4.67 | -- | -- | 7.232 | -- | 580 | 13.4 | <2.0 | 4.68 | 58 | -- | 9500* | 165 |

* Chromatogram pattern indicates unidentified hydrocarbons.

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 | Ground Water | Depth To Water | SPH | SPH | Total SPH | Notes | TPH-Gasoline | Benzene | Toluene | Ethyl-Benzene | Xylene | TOG | TPH-Diesel | MTBE | |
| | Elev. | Elev. | Thickness | Removed | Removed | | | | | | | | | | | |
| A-2 | | | | | | | | | | | | | | | | |
| 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 | 1.000 | -- | -- | -- | -- | -- | -- | -- | -- | -- | |
| 06/15/93 | 11.46 | -- | -- | -- | 0.13 | 1.130 | -- | -- | -- | -- | -- | -- | -- | -- | -- | |
| 06/18/93 | 11.46 | -- | -- | -- | 0.26 | 1.390 | -- | -- | -- | -- | -- | -- | -- | -- | -- | |
| 06/22/93 | 11.46 | -- | -- | -- | 0.50 | 1.890 | -- | -- | -- | -- | -- | -- | -- | -- | -- | |
| 06/29/93 | 11.46 | -- | -- | -- | -- | 1.890 | -- | -- | -- | -- | -- | -- | -- | -- | -- | |
| 07/09/93 | 11.46 | -- | -- | -- | -- | 1.890 | -- | -- | -- | -- | -- | -- | -- | -- | -- | |
| 07/15/93 | 11.46 | -- | -- | -- | -- | 1.890 | -- | -- | -- | -- | -- | -- | -- | -- | -- | |
| 07/19/93 | 11.46 | 5.53 | 6.79 | 1.07 | -- | 1.890 | -- | -- | -- | -- | -- | -- | -- | -- | -- | |
| 07/20/93 | 11.46 | -- | -- | -- | -- | 1.890 | -- | -- | -- | -- | -- | -- | -- | -- | -- | |
| 07/27/93 | 11.46 | -- | -- | -- | -- | 1.890 | -- | -- | -- | -- | -- | -- | -- | -- | -- | |
| 08/06/93 | 11.46 | -- | -- | -- | -- | 1.890 | -- | -- | -- | -- | -- | -- | -- | -- | -- | |
| 08/10/93 | 11.46 | -- | -- | -- | -- | 1.890 | -- | -- | -- | -- | -- | -- | -- | -- | -- | |
| 08/16/93 | 11.46 | -- | -- | -- | -- | 1.890 | -- | -- | -- | -- | -- | -- | -- | -- | -- | |
| 09/16/93 | 11.46 | -- | -- | -- | -- | 1.890 | -- | -- | -- | -- | -- | -- | -- | -- | -- | |
| 09/24/93 | 11.46 | -- | -- | -- | -- | 1.890 | -- | -- | -- | -- | -- | -- | -- | -- | -- | |

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Cumulative Table of Well Data and Analytical Results

| Vertical Measurements are in feet. | | | | | | | Volumetric Measurements are in gallons. | | | Analytical results are in parts per billion (ppb) | | | | | | |
|------------------------------------|--------------------|-----------------------|-------------------|------------------|----------------|-------------------------|---|--------------|---------|---|--------------|--------|-----|------------|------|----|
| DATE | Well Head Elev. | Ground Water Elev. | Depth To Water | SPH Thickness | SPH Removed | Total SPH Removed | Notes | TPH-Gasoline | Benzene | Toluene | Ethyl-Benzen | Xylene | TOG | TPH-Diesel | MTBE | |
| A-2 (CONT'D) | | | | | | | | | | | | | | | | |
| 10/01/93 | 11.46 | -- | -- | | -- | 1.890 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 10/07/93 | 11.46 | -- | -- | | -- | 1.890 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 10/13/93 | 11.46 | -- | -- | | -- | 1.890 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 10/19/93 | 11.46 | 6.23 | 6.36 | 1.41 | -- | 1.890 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 10/20/93 | 11.46 | -- | -- | | -- | 1.890 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 10/28/93 | 11.46 | -- | -- | | -- | 1.890 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 11/12/93 | 11.46 | -- | -- | | -- | 1.890 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 11/19/93 | 11.46 | -- | -- | | -- | 1.890 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 11/30/93 | 11.46 | -- | -- | | -- | 1.890 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 12/10/93 | 11.46 | -- | -- | | -- | 1.890 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 12/16/93 | 11.46 | -- | -- | | -- | 1.890 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 12/23/93 | 11.46 | -- | -- | | -- | 1.890 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 12/29/93 | 11.46 | -- | -- | | -- | 1.890 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 01/03/94 | 11.46 | -- | -- | | -- | 1.890 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 01/17/94 | 11.46 | -- | -- | | -- | 1.890 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 01/26/94 | 11.46 | -- | -- | | -- | 1.890 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 02/07/94 | 11.46 | -- | -- | | -- | 1.890 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 02/11/94 | 11.46 | -- | -- | | -- | 1.890 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 02/18/94 | 11.46 | -- | -- | | -- | 1.890 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 02/25/94 | 11.46 | -- | -- | | -- | 1.890 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 03/04/94 | 11.46 | -- | -- | | -- | 1.890 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 03/11/94 | 11.46 | -- | -- | | -- | 1.890 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 03/16/94 | 11.46 | -- | -- | | -- | 1.890 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 03/25/94 | 11.46 | -- | -- | | -- | 1.890 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 04/01/94 | 11.46 | -- | -- | | -- | 1.890 | 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-Benzenes | Xylene | TOG | TPH-Diesel | MTBE | | |
| B-1 | | | | | | | | | | | | | | | | | |
| 04/23/93 | 12.12 | 6.19 | 5.93 | -- | -- | -- | -- | 13,000 | 4900 | 22 | 250 | 47 | -- | 8300 | -- | | |
| 07/19/93 | 12.12 | 5.46 | 6.66 | -- | -- | -- | -- | 3300 | 1200 | 16 | 24 | <30 | -- | 1600 | -- | | |
| 10/19/93 | 12.12 | 5.04 | 7.08 | -- | -- | -- | -- | 2300 | 730 | 18 | 14 | 31 | -- | 550 | -- | | |
| 01/17/94 | 12.12 | 5.39 | 6.73 | -- | -- | -- | -- | 22,000 | 6500 | 170 | 210 | 430 | -- | <50 | -- | | |
| 08/18/94 | 12.12 | 5.27 | 6.85 | -- | -- | -- | Inaccessible | -- | -- | -- | -- | -- | -- | -- | -- | | |
| 11/30/94 | 12.12 | 6.11 | 6.01 | -- | -- | -- | -- | 1500 | 250 | 17 | 7.5 | 19 | <5.0* | 3200** | -- | | |
| 02/15/95 | 12.12 | 6.75 | 5.37 | -- | -- | -- | -- | 1000 | 160 | <2.0 | 4.6 | 2.6 | -- | 1300** | -- | | |
| 05/01/95 | 12.12 | 7.00 | 5.12 | -- | -- | -- | -- | 140 | 20 | 0.52 | 2.0 | 0.67 | -- | 2600*** | -- | | |
| 08/04/95 | 12.12 | 6.62 | 5.50 | -- | -- | -- | -- | 6700 | 1400 | <20 | <20 | <20 | -- | 4900*** | -- | | |
| 11/29/95 | 12.12 | 6.27 | 5.85 | -- | -- | -- | -- | 9200 | 2200 | <25 | <25 | 25 | -- | 5000*** | 8300 | | |
| 02/08/96 | 12.12 | 8.12 | 4.00 | -- | -- | -- | -- | 1500 | 190 | <5.0 | <5.0 | <5.0 | -- | 1300*** | 2300 | | |
| 05/08/96 | 12.12 | 7.32 | 4.80 | -- | -- | -- | -- | 3700 | 650 | <10 | 24 | 16 | -- | 2900*** | 2300 | | |
| 08/23/96 | 12.12 | 6.58 | 5.54 | -- | -- | -- | -- | 3200 | 500 | <20 | <20 | <20 | -- | 2600 | 4900 | | |
| 12/12/96 | 12.12 | 7.22 | 4.90 | -- | -- | -- | -- | 2500 | 380 | <25 | <25 | 25 | -- | 3400+ | 8600 | | |
| 02/10/97 | 12.12 | 7.53 | 4.59 | -- | -- | -- | -- | 2200 | 270 | 11 | 8.8 | 13 | -- | 2100*** | 3400 | | |
| 05/01/97 | 12.12 | 6.46 | 5.66 | -- | -- | -- | -- | 1200 | 70 | 5.8 | <5.0 | 7.2 | -- | 1300*** | 2000 | | |
| 08/05/97 | 12.12 | 5.68 | 6.44 | -- | -- | -- | -- | <1000 | 86 | <10 | <10 | <10 | -- | 1500*** | 3800 | | |
| 10/28/97 | 12.12 | 5.69 | 6.43 | -- | -- | -- | -- | 1400 | 73 | 6.5 | 6.8 | 9.0 | -- | 2000*** | 2900 | | |
| 02/04/98 | 12.12 | 9.11 | 3.01 | -- | -- | -- | -- | 1500 | 4.5 | 1.7 | <0.5 | 2.2 | -- | 1200*** | 1900 | | |
| 02/12/98 | 12.12 | 8.33 | 3.79 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | | |
| 06/03/98 | 12.12 | 7.23 | 4.89 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | 970*** | 1400 | | |
| 07/29/98 | 12.12 | 6.37 | 5.75 | -- | -- | -- | ++ | 850 | 27 | <0.5 | 4.0 | 2.9 | -- | 1100*** | 770 | | |
| 07/29/98 | 12.12 | 6.37 | 5.75 | -- | -- | -- | Confirmation run | -- | -- | -- | -- | -- | -- | -- | 1200 | | |
| 11/30/98 | 12.12 | 6.44 | 5.68 | -- | -- | -- | -- | 543 | <5.0 | <5.0 | <5.0 | <5.0 | -- | 1490 | 2220 | | |
| 02/24/99 | 12.12 | 7.83 | 4.29 | -- | -- | -- | -- | 390 | 1.6 | 0.57 | 2.8 | 2.5 | -- | 1400*** | 2600 | | |
| 05/06/99 | 12.12 | 7.11 | 5.01 | -- | -- | -- | -- | 239 | 4.02 | <0.5 | 3.87 | 1.97 | -- | 340*** | 197 | | |

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

** Chromatogram pattern indicates a non-diesel mix.

*** Chromatogram pattern indicates an unidentified hydrocarbon.

+ Chromatogram pattern indicates an unidentified hydrocarbon and weathered diesel.

++ See Table of Additional Analyses.

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 | MTBE |
| B-3 | | | | | | | | | | | | | | | |
| 09/20/91 | 8.01 | 1.08 | 6.94 | 0.01 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 10/09/91 | 8.01 | 1.66 | 6.35 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 10/17/91 | 8.01 | 1.57 | 6.44 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 10/23/91 | 8.01 | 1.53 | 6.84 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 11/01/91 | 8.01 | 1.70 | 6.31 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 11/07/91 | 8.01 | 1.69 | 6.32 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 11/15/91 | 8.01 | 1.62 | 6.39 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 11/21/91 | 8.01 | 1.57 | 6.44 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 12/12/91 | 8.01 | 1.19 | 6.82 | <0.01 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 12/30/91 | 8.01 | 1.64 | 6.37 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 01/13/92 | 8.01 | 2.07 | 5.94 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 01/22/92 | 8.01 | 2.02 | 5.99 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 02/12/92 | 8.01 | 2.19 | 5.82 | <0.01 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 03/09/92 | 8.01 | 2.91 | 5.10 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 04/10/92 | 8.01 | 2.65 | 5.36 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 05/18/92 | 8.01 | 2.29 | 5.72 | -- | -- | -- | -- | 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 | -- | -- | -- | -- | 18,000 | 540 | 69 | 47 | 120 | -- | 6400 | -- |
| 07/29/93 | 11.42 | 5.48 | 5.94 | -- | -- | -- | -- | 40,000 | 780 | 69 | 49 | 150 | -- | 4000 | -- |
| 10/19/93 | 11.42 | 5.10 | 6.32 | -- | -- | -- | -- | 20,000 | 520 | 37 | 43 | 100 | -- | 1500 | -- |
| 01/17/94 | 11.42 | 4.47 | 6.95 | -- | -- | -- | 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 | Ground | Depth | Total | | | Notes | TPH-Gasoline | Benzene | Toluene | Ethyl-Benzene | Xylene | TOG | TPH-Diesel | MTBE |
|------------|---------------|----------------|-------------|------------------|----------------|----------------|-----------|--------------|---------|---------|---------------|--------|-------|------------|------|
| | Head Elev. | Water Elev. | To Water | SPH Thickness | SPH Removed | SPH Removed | | | | | | | | | |
| B-4 | | | | | | | | | | | | | | | |
| 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 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 10/17/91 | 8.04 | 1.20 | 6.84 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 10/23/91 | 8.04 | 1.17 | 6.87 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 11/01/91 | 8.04 | 1.34 | 6.70 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 11/07/91 | 8.04 | 1.31 | 6.73 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 11/15/91 | 8.04 | 1.21 | 6.83 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 11/21/91 | 8.04 | 1.20 | 6.84 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 12/12/91 | 8.04 | 1.17 | 6.87 | <0.01 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 12/30/91 | 8.04 | 1.58 | 6.46 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 01/13/92 | 8.04 | 2.13 | 5.91 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 01/22/92 | 8.04 | 2.09 | 5.95 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 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 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 04/10/92 | 8.04 | 2.65 | 5.39 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 05/18/92 | 8.04 | 2.45 | 5.59 | -- | -- | -- | -- | 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 | -- | -- | -- | -- | 5700 | 2400 | 75 | 380 | 580 | -- | 2300 | -- |
| 07/19/93 | 11.46 | 5.33 | 6.13 | -- | -- | -- | -- | 19,000 | 2400 | 140 | 440 | 620 | -- | 2400 | -- |
| 10/19/93 | 11.46 | 4.95 | 6.51 | -- | -- | -- | -- | 13,000 | 1200 | 84 | 290 | 530 | -- | 2100 | -- |
| 01/17/94 | 11.46 | 5.28 | 6.18 | -- | -- | -- | 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-Benzeno | Xylene | TOG | TPH-Diesel | MTBE |
| B-5 | | | | | | | | | | | | | | | |
| 09/20/91 | 7.73 | 2.20 | 5.53 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | <50 | -- |
| 10/09/91 | 7.73 | 2.42 | 5.31 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 10/17/91 | 7.73 | 2.09 | 5.64 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 10/23/91 | 7.73 | 2.05 | 5.68 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 11/01/91 | 7.73 | 2.24 | 5.49 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 11/07/91 | 7.73 | 2.19 | 5.54 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 11/15/91 | 7.73 | 2.10 | 5.63 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 11/21/91 | 7.73 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 12/12/91 | 7.73 | 2.05 | 5.68 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 12/30/91 | 7.73 | 2.54 | 5.19 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 01/13/92 | 7.73 | 3.07 | 4.65 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 01/22/92 | 7.73 | 3.03 | 4.70 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 02/12/92 | 7.73 | 3.38 | 4.45 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | <50 | -- |
| 03/09/92 | 7.73 | 3.68 | 4.05 | -- | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | <50 |
| 04/10/92 | 7.73 | 3.30 | 4.43 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 05/18/92 | 7.73 | 3.94 | 3.79 | -- | -- | -- | -- | 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 | <0.5 | -- | <50 |
| 02/03/93 | 7.73 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 04/23/93 | 10.18 | 5.86 | 4.32 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <1.5 | -- | <50 | -- |
| 07/19/93 | 10.18 | 5.15 | 5.03 | -- | -- | -- | -- | 54 | <0.5 | 0.7 | <0.5 | <1.5 | -- | <50 | -- |
| 10/19/93 | 10.18 | 5.08 | 5.10 | -- | -- | -- | -- | <50 | 2.0 | 4.1 | 0.6 | 3.5 | -- | <50 | -- |
| 01/07/94 | 10.18 | 5.32 | 4.86 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | <50 | -- |
| 08/18/94 | 10.18 | 5.04 | 5.14 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | <50 | -- |
| 11/30/94 | 10.18 | 5.73 | 4.45 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | 140* | -- |
| 02/15/95 | 10.18 | 6.03 | 4.15 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | 170* | -- |
| 05/01/95 | 10.18 | 5.75 | 4.43 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | 190** | -- |
| 08/04/95 | 10.18 | 5.22 | 4.96 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | 250** | -- |
| 11/29/95 | 10.18 | 4.97 | 5.21 | -- | -- | -- | -- | 140 | 1.5 | <0.5 | 1.1 | <0.5 | -- | 330** | 800 |
| 02/08/96 | 10.18 | 6.38 | 3.80 | -- | -- | -- | -- | <200 | 2.1 | <2.0 | <2.0 | <2.0 | -- | 250** | 1100 |
| 05/08/96 | 10.18 | 5.78 | 4.40 | -- | -- | -- | -- | <500 | <5.0 | <5.0 | <5.0 | <5.0 | -- | 350** | 1400 |
| 08/23/96 | 10.18 | 5.19 | 4.99 | -- | -- | -- | -- | 250 | 6.4 | 2.1 | 2.1 | 4.3 | -- | 990 | 9300 |
| 12/12/96 | 10.18 | 5.90 | 4.28 | -- | -- | -- | -- | <1000 | <10 | <10 | <10 | <10 | -- | 430** | 6700 |

CONTINUED ON NEXT PAGE

* 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 | Total | | | Notes | TPH-Gasoline | Benzene | Toluene | Ethyl-Benzen | Xylene | TOG | TPH-Diesel | MTBE |
|---------------------|--------------------|--------------------------|----------------------|------------------|----------------|----------------|------------------|--------------|---------|---------|--------------|--------|-----|------------|------|
| | | | | SPH Thickness | SPH Removed | SPH Removed | | | | | | | | | |
| B-5 (CONT'D) | | | | | | | | | | | | | | | |
| 02/10/97 | 10.18 | 6.55 | 3.63 | -- | -- | -- | -- | <500 | <5.0 | <5.0 | <5.0 | <5.0 | -- | 340** | 930 |
| 05/01/97 | 10.18 | 5.87 | 4.31 | -- | -- | -- | -- | <500 | <5.0 | <5.0 | <5.0 | <5.0 | -- | 290** | 1900 |
| 08/05/97 | 10.18 | 5.29 | 4.89 | -- | -- | -- | -- | <1000 | <10 | <10 | <10 | <10 | -- | 710** | 6800 |
| 10/28/97 | 10.18 | 5.18 | 5.00 | -- | -- | -- | -- | <500 | <5.0 | <5.0 | <5.0 | <5.0 | -- | 880** | 7000 |
| 02/04/98 | 10.18 | 7.65 | 2.53 | -- | -- | -- | -- | <50 | 0.51 | <0.5 | <0.5 | <0.5 | -- | 290** | 2100 |
| 06/03/98 | 10.18 | 6.33 | 3.85 | -- | -- | -- | -- | 220 | 2.0 | 15 | 2.8 | 20 | -- | 630** | 450 |
| 07/29/98 | 10.18 | 5.63 | 4.55 | -- | -- | -- | * | <50 | 1.6 | <0.5 | <0.5 | 1.6 | -- | 1100** | 4600 |
| 07/29/98 | 10.18 | 5.63 | 4.55 | -- | -- | -- | Confirmation run | -- | -- | -- | -- | -- | -- | -- | 6200 |
| 11/30/98 | 10.18 | 5.81 | 4.37 | -- | -- | -- | -- | <50 | <0.5 | 1.91 | <0.5 | 1.09 | -- | 371 | 202 |
| 02/24/99 | 10.18 | 6.79 | 3.39 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | 0.69 | 3.1 | -- | 512** | 25 |
| 05/06/99 | 10.18 | 6.16 | 4.02 | -- | -- | -- | -- | <50 | 2.27 | <0.5 | <0.5 | <0.5 | -- | 790** | 3090 |

* See Table of Additional Analyses.

** 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-Benzen | Xylene | TOG | TPH-Diesel | MTBE | |
| B-6 | | | | | | | | | | | | | | | | |
| 09/20/91 | 8.55 | 1.70 | 6.85 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | <50 | -- | |
| 10/09/91 | 8.55 | 1.72 | 6.83 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | |
| 10/17/91 | 8.55 | 1.65 | 6.90 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | |
| 10/23/91 | 8.55 | 1.62 | 6.93 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | |
| 11/01/91 | 8.55 | 1.77 | 6.78 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | |
| 11/07/91 | 8.55 | 1.74 | 6.81 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | |
| 11/15/91 | 8.55 | 1.67 | 6.88 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | |
| 11/21/91 | 8.55 | 1.60 | 6.95 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | |
| 12/12/91 | 8.55 | 1.41 | 7.14 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | |
| 12/30/91 | 8.55 | 2.05 | 6.50 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | |
| 01/13/92 | 8.55 | 2.36 | 6.19 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | |
| 01/22/92 | 8.55 | 2.28 | 6.27 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | |
| 02/12/92 | 8.55 | 2.43 | 6.12 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | <50 | -- | |
| 03/09/92 | 8.55 | 3.27 | 5.28 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | |
| 04/10/92 | 8.55 | 3.07 | 5.48 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | |
| 05/18/92 | 8.55 | 2.65 | 5.90 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <5000 | <50 | -- | |
| 01/06/93 | 8.55 | 2.76 | 5.79 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | <50 | -- | |
| 02/03/93 | 8.55 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | |
| 04/23/93 | 11.97 | 6.70 | 5.27 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <1.5 | -- | <50 | -- | |
| 07/19/93 | 11.97 | 5.06 | 6.91 | -- | -- | -- | -- | 74 | <0.5 | <0.5 | <0.5 | <1.5 | -- | <50 | -- | |
| 10/19/93 | 11.97 | 5.49 | 6.48 | -- | -- | -- | -- | <50 | <0.5 | 0.5 | <0.5 | 2.2 | -- | <50 | -- | |
| 01/07/94 | 11.97 | 5.79 | 6.18 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | <50 | -- | |
| 08/18/94 | 11.97 | 5.77 | 6.20 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | <50 | -- | |
| 11/30/94 | 11.97 | 6.52 | 5.45 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | 230* | -- | |
| 02/15/95 | 11.97 | 7.27 | 4.70 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | 130* | -- | |
| 05/01/95 | 11.97 | 6.94 | 5.03 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | 97** | -- | |
| 08/04/95 | 11.97 | 6.15 | 5.82 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | 350** | -- | |
| 11/29/95 | 11.97 | 5.97 | 6.00 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 200** | -- | |
| 02/08/96 | 11.97 | 7.27 | 4.70 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 210** | -- | |
| 05/08/96 | 11.97 | 6.74 | 5.23 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 250** | -- | |
| 08/23/96 | 11.97 | 5.92 | 6.05 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 310** | -- | |
| 12/12/96 | 11.97 | 6.65 | 5.32 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 300** | -- | |

CONTINUED ON NEXT PAGE

* 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 | Ground | Depth | SPH Thickness | SPH Removed | Total SPH Removed | Notes | TPH- Gasoline | Benzene | Toluene | Ethyl- Benzene | Xylene | TOG | TPH- Diesel | MTBE | |
| | Head Elev. | Water Elev. | To Water | | | | | | | | | | | | | |
| B-6 (CONT'D) | | | | | | | | | | | | | | | | |
| 02/10/97 | 11.97 | 7.60 | 4.37 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 130** | 360 | |
| 05/01/97 | 11.97 | 6.74 | 5.23 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 260** | 2200 | |
| 08/05/97 | 11.97 | 6.22 | 5.75 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 260** | 1800 | |
| 10/28/97 | 11.97 | 5.89 | 6.08 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 340** | 1900 | |
| 02/04/98 | 11.97 | 9.26 | 2.71 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 280** | 1400 | |
| 06/03/98 | 11.97 | 7.49 | 4.48 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 130** | 1200 | |
| 07/29/98 | 11.97 | 6.69 | 5.28 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 340** | 2700 | |
| 07/29/98 | 11.97 | 6.69 | 5.28 | -- | -- | -- | Confirmation run | -- | -- | -- | -- | -- | -- | -- | 3000 | |
| 11/30/98 | 11.97 | 6.48 | 5.49 | -- | -- | -- | -- | 655 | <5.0 | <5.0 | <5.0 | <5.0 | -- | 2740 | 2160 | |
| 02/24/99 | 11.97 | 7.79 | 4.18 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 225** | 1500 | |
| 05/06/99 | 11.97 | 6.29 | 5.68 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 71** | 1010 | |

** 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 | Ground | Depth | Total | | | Notes | TPH-Gasoline | Benzene | Toluene | Ethyl-Benzene | Xylene | TOG | TPH-Diesel | MTBE |
|------------|---------------|----------------|-------------|------------------|----------------|---------|--------------------|--------------|---------|---------|---------------|--------|------|------------|------|
| | Head Elev. | Water Elev. | To Water | SPH Thickness | SPH Removed | Removed | | | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <50 | -- |
| B-7 | | | | | | | | | | | | | | | |
| 04/23/93 | 10.54 | 6.02 | 4.52 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <50 | -- | |
| 07/19/93 | 10.54 | 5.50 | 5.04 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <50 | <50 | |
| 10/19/93 | 10.54 | 5.14 | 5.40 | -- | -- | -- | -- | <50 | 3.1 | 0.5 | <0.5 | 0.8 | -- | <50 | |
| 01/07/94 | 10.54 | 5.35 | 5.19 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | <50 | |
| 08/18/94 | 10.54 | 5.28 | 5.26 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | 1.1 | -- | <50 | |
| 11/30/94 | 10.54 | 5.96 | 4.58 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | <50 | |
| 02/15/95 | 10.54 | 6.32 | 4.22 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | <50 | |
| 05/01/95 | 10.54 | 6.04 | 4.50 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | <50 | |
| 08/04/95 | 10.54 | 5.56 | 4.98 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | 53** | |
| 02/12/98 | 10.54 | 7.49 | 3.05 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | <50 | |
| 06/03/98 | 10.54 | 6.59 | 3.95 | -- | -- | -- | Sampled biannually | -- | -- | -- | -- | -- | -- | -- | |
| 07/29/98 | 10.54 | 5.99 | 4.55 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | |
| 11/30/98 | 10.54 | 5.56 | 4.98 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | <2.5 | |
| 02/24/99 | 10.54 | 7.24 | 3.30 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | |
| 05/06/99 | 10.54 | 4.79 | 5.75 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | <2.5 | |
| B-8 | | | | | | | | | | | | | | | |
| 04/23/93 | 11.99 | 6.63 | 5.36 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <50 | -- | |
| 07/19/93 | 11.99 | 5.77 | 6.22 | -- | -- | -- | -- | <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 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <50 | -- | |
| 08/18/94 | 11.99 | 5.56 | 6.43 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | <50 | |
| 11/30/94 | 11.99 | 6.53 | 5.46 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | <50 | |
| 02/15/95 | 11.99 | 7.27 | 4.72 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | 120* | |
| 05/01/95 | 11.99 | 6.99 | 5.00 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | 120* | |
| 08/04/95 | 11.99 | 6.07 | 5.92 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | 51** | |
| 11/30/98 | 11.99 | 6.45 | 5.54 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | |

NO LONGER MONITORED OR SAMPLED

* 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 | MTBE | |
| B-9 | | | | | | | | | | | | | | | | |
| 04/23/93 | 10.70 | 6.14 | 4.56 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <50 | -- | -- | |
| 07/19/93 | 10.70 | 5.25 | 5.45 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <50 | <50 | -- | |
| 10/19/93 | 10.70 | 4.81 | 5.89 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | <50 | -- | |
| 01/07/94 | 10.70 | 5.29 | 5.41 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | <50 | -- | |
| 08/18/94 | 10.70 | 5.15 | 5.55 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | <50 | -- | |
| 11/30/94 | 10.70 | 6.35 | 4.35 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | 60* | -- | |
| 02/15/95 | 10.70 | 7.05 | 3.65 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | <50 | -- | |
| 05/01/95 | 10.70 | 6.41 | 4.29 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | <50 | -- | |
| 08/04/95 | 10.70 | 5.50 | 5.20 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | <50 | -- | |

NO LONGER MONITORED OR SAMPLED

B-10

| | | | | | | | | | | | | | | | |
|----------|-------|------|------|----|----|----|----|------|------|------|------|------|----|------|------|
| 11/29/95 | 11.42 | 4.91 | 6.51 | -- | -- | -- | -- | 1700 | 95 | <2.5 | 69 | 170 | -- | 900* | 22 |
| 02/08/96 | 11.42 | 6.87 | 4.55 | -- | -- | -- | -- | 230 | 31 | <0.5 | 7.2 | 6.2 | -- | 650* | 10 |
| 05/08/96 | 11.42 | 5.87 | 5.55 | -- | -- | -- | -- | 260 | 61 | 0.59 | 37 | 23 | -- | 570* | 20 |
| 08/23/96 | 11.42 | 5.23 | 6.19 | -- | -- | -- | -- | 320 | 34 | <0.5 | 29 | 15 | -- | 700* | 8.3 |
| 12/12/96 | 11.42 | 5.59 | 5.83 | -- | -- | -- | -- | 1600 | 94 | <2.5 | 110 | 27 | -- | 990* | <12 |
| 02/10/97 | 11.42 | 6.84 | 4.58 | -- | -- | -- | -- | 2100 | 230 | 5.6 | 130 | 83 | -- | 530* | <12 |
| 05/01/97 | 11.42 | 5.85 | 5.57 | -- | -- | -- | -- | 2300 | 110 | <2.5 | 140 | 49 | -- | 770* | <12 |
| 08/05/97 | 11.42 | 5.12 | 6.30 | -- | -- | -- | -- | 650 | 33 | 1.1 | 70 | 16 | -- | 620* | 3.2 |
| 10/28/97 | 11.42 | 5.24 | 6.18 | -- | -- | -- | -- | 740 | 25 | 1.6 | 53 | 14 | -- | 310* | 6.7 |
| 02/04/98 | 11.42 | 8.53 | 2.89 | -- | -- | -- | -- | 950 | 23 | 4.5 | <0.5 | 1.9 | -- | 250* | <2.5 |
| 06/03/98 | 11.42 | 6.62 | 4.80 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | 490* | <2.5 |
| 07/29/98 | 11.42 | 5.77 | 5.65 | -- | -- | -- | ** | 290 | 3.9 | <0.5 | 8.5 | 1.4 | -- | 390* | <2.5 |
| 11/30/98 | 11.42 | 5.80 | 5.62 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | 437 | 7.11 |
| 02/24/99 | 11.42 | 7.19 | 4.23 | -- | -- | -- | -- | 160 | 35 | 0.55 | 0.64 | 0.64 | -- | 259* | 9.2 |
| 05/06/99 | 11.42 | 6.31 | 5.11 | -- | -- | -- | -- | 490 | 7.05 | 1.02 | 8.24 | 2.18 | -- | 190* | <5.0 |

* Chromatogram pattern indicates an unidentified hydrocarbon.

** See Table of Additional Analyses.

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 | Ground Water | Depth To Water | SPH Thickness | SPH Removed | Total SPH Removed | Notes | TPH-Gasoline | Benzene | Toluene | Ethyl-Benzene | Xylene | TOG | TPH-Diesel | MTBE | |
| | Elev. | Elev. | | | | | | | | | | | | | | |
| B-11 | | | | | | | | | | | | | | | | |
| 11/29/95 | 11.98 | 6.08 | 5.90 | -- | -- | -- | | 2800 | 38 | <10 | 26 | 48 | -- | 1400* | 21,000 | |
| 02/08/96 | 11.98 | 7.54 | 4.44 | -- | -- | -- | | <5000 | <50 | <50 | <50 | <50 | -- | 1100* | 38,000 | |
| 05/08/96 | 11.98 | 6.98 | 5.00 | -- | -- | -- | | 4100 | 110 | <10 | 31 | 25 | -- | 1300* | 17,000 | |
| 08/23/96 | 11.98 | 6.37 | 5.61 | -- | -- | -- | | 3400 | 160 | 12 | 41 | 13 | -- | 820* | 4000 | |
| 12/12/96 | 11.98 | 6.85 | 5.13 | -- | -- | -- | | 3700 | 120 | 12 | <5.0 | 30 | -- | 1300* | 2200 | |
| 02/10/97 | 11.98 | 7.91 | 4.07 | -- | -- | -- | | 2300 | 56 | 17 | <5.0 | 20 | -- | 810* | 4700 | |
| 05/01/97 | 11.98 | 6.95 | 5.03 | -- | -- | -- | | <5000 | <50 | <50 | <50 | <50 | -- | 820* | 21,000 | |
| 08/05/97 | 11.98 | 6.38 | 5.60 | -- | -- | -- | | 3500 | 42 | <10 | <10 | <10 | -- | 900* | 4100 | |
| 10/28/97 | 11.98 | 6.30 | 5.68 | -- | -- | -- | | 3000 | 39 | 6.2 | 8.0 | 13 | -- | 1300* | 2300 | |
| 02/04/98 | 11.98 | 9.39 | 2.59 | -- | -- | -- | | 1300 | 3.2 | 1.4 | <0.5 | 5.0 | -- | 930* | 46,000 | |
| 06/03/98 | 11.98 | 7.53 | 4.45 | -- | -- | -- | | 860 | 3.7 | 1.4 | 0.84 | 3.0 | -- | 740* | 34,000 | |
| 07/29/98 | 11.98 | 6.80 | 5.18 | -- | -- | -- | ** | 1300 | 6.9 | 2.5 | 3.8 | 2.0 | -- | 1400* | 50,000 | |
| 07/29/98 | 11.98 | 6.80 | 5.18 | -- | -- | -- | Confirmation run | -- | -- | -- | -- | -- | -- | -- | 41,000 | |
| 11/30/98 | 11.98 | 6.91 | 5.07 | -- | -- | -- | | <1000 | <10 | <10 | <10 | <10 | -- | 1020 | 5370 | |
| 02/24/99 | 11.98 | 7.79 | 4.19 | -- | -- | -- | | 690 | 4.7 | <0.5 | 2.7 | 3.1 | -- | 2290* | 67,000 | |
| 05/06/99 | 11.98 | 7.43 | 4.55 | -- | -- | -- | | 423 | 4.66 | 0.662 | <0.5 | 1.38 | -- | 580* | 20,600 | |

* Chromatogram pattern indicates an unidentified hydrocarbon.

** See Table of Additional Analyses.

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 | MTBE | |
| B-12 | | | | | | | | | | | | | | | | |
| 11/29/95 | 11.16 | 5.15 | 6.01 | -- | -- | -- | | 1100 | 10 | <10 | <10 | <10 | -- | 1800* | 37,000 | |
| 02/08/96 | 11.16 | 6.56 | 4.60 | -- | -- | -- | | <20,000 | <200 | <200 | <200 | <200 | -- | 1800* | 88,000 | |
| 05/08/96 | 11.16 | 6.08 | 5.08 | -- | -- | -- | | <25,000 | <250 | <250 | <250 | <250 | -- | 1800* | 88,000 | |
| 08/23/96 | 11.16 | 5.51 | 5.65 | -- | -- | -- | | 630 | 16 | <5.0 | <5.0 | <5.0 | -- | 1500* | 420 | |
| 12/12/96 | 11.16 | 6.05 | 5.11 | -- | -- | -- | | <25,000 | <250 | <250 | <250 | <250 | -- | 1200* | 54,000 | |
| 02/10/97 | 11.16 | 7.05 | 4.11 | -- | -- | -- | | <20,000 | <200 | <200 | <200 | <200 | -- | 1200* | 65,000 | |
| 02/10/97 | 11.16 | 7.05 | 4.11 | -- | -- | -- | EPA 8240 | -- | <500 | <500 | <500 | <500 | -- | -- | -- | |
| 05/01/97 | 11.16 | 6.17 | 4.99 | -- | -- | -- | | <12,500 | <125 | <125 | <125 | <125 | -- | 1100* | 64,000 | |
| 08/05/97 | 11.16 | 5.55 | 5.61 | -- | -- | -- | | <10,000 | <100 | <100 | <100 | <100 | -- | 1100* | 46,000 | |
| 10/28/97 | 11.16 | 5.40 | 5.76 | -- | -- | -- | | 1400 | 39 | <5.0 | 7.2 | 6.0 | -- | 1100* | 29,000 | |
| 02/04/98 | 11.16 | 8.53 | 2.63 | -- | -- | -- | | 920 | 6.9 | 1.1 | <0.5 | 2.8 | -- | 4800* | 59,000 | |
| 06/03/98 | 11.16 | 6.71 | 4.45 | -- | -- | -- | | 590 | 9.4 | <0.5 | 0.93 | <0.5 | -- | 2000* | 15,000 | |
| 07/29/98 | 11.16 | 5.91 | 5.25 | -- | -- | -- | ** | 820 | 5.6 | 2.0 | 3.3 | 1.2 | -- | 2200* | 28,000 | |
| 07/29/98 | 11.16 | 5.91 | 5.25 | -- | -- | -- | Confirmation run | -- | -- | -- | -- | -- | -- | -- | 33,000 | |
| 11/30/98 | 11.16 | 6.03 | 5.13 | -- | -- | -- | | 2110 | <10 | <10 | <10 | <10 | -- | 1060 | 5330 | |
| 02/24/99 | 11.16 | 7.16 | 4.00 | -- | -- | -- | | 410 | 0.64 | <0.5 | 2.2 | 2.3 | -- | 2680* | 15,000 | |
| 05/06/99 | 11.16 | 6.71 | 4.45 | -- | -- | -- | ** | <500 | <5.0 | <5.0 | <5.0 | <5.0 | <1000 | 3550* | 1370 | |

* Chromatogram pattern indicates an unidentified hydrocarbon.

** See Table of Additional Analyses.

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 | Total SPH Removed | Notes | TPH-Gasoline | Benzene | Toluene | Ethyl-Benzen | Xylene | TOG | TPH-Diesel | MTBE |
|-------------|--------------------|-----------------------|-------------------|------------------|----------------------|------------------|--------------|---------|---------|--------------|--------|-----|------------|------|
| B-13 | | | | | | | | | | | | | | |
| 11/29/95 | 11.17 | 5.26 | 5.91 | -- | -- | -- | 1800 | 19 | <5.0 | 5.5 | <5.0 | -- | 3400* | 7400 |
| 02/08/96 | 11.17 | 6.72 | 4.45 | -- | -- | -- | 910 | 12 | 1.3 | 2.0 | 1.9 | -- | 450* | 77 |
| 05/08/96 | 11.17 | 6.20 | 4.97 | -- | -- | -- | 140 | 1.9 | <0.5 | 0.88 | 2.0 | -- | 560* | 98 |
| 08/23/96 | 11.17 | 5.54 | 5.63 | -- | -- | -- | 1300 | <10 | <10 | <10 | <10 | -- | 1300* | 450 |
| 12/12/96 | 11.17 | 5.91 | 5.26 | -- | -- | -- | 2600 | 29 | 5.4 | 9.40 | 6.3 | -- | 1300* | 450 |
| 02/10/97 | 11.17 | 7.05 | 4.12 | -- | -- | -- | 670 | <0.5 | 6.7 | 2.6 | 5.6 | -- | 290* | 28 |
| 05/01/97 | 11.17 | 6.17 | 5.00 | -- | -- | -- | 920 | 8.5 | 4.6 | 2.1 | 6.1 | -- | 480* | 530 |
| 08/05/97 | 11.17 | 5.52 | 5.65 | -- | -- | -- | 1900 | 23 | <5.0 | <5.0 | <5.0 | -- | 1300* | 860 |
| 10/28/97 | 11.17 | 5.49 | 5.68 | -- | -- | -- | 2400 | 33 | 14 | 8.4 | 10 | -- | 2200* | 2100 |
| 02/04/98 | 11.17 | 8.48 | 2.69 | -- | -- | -- | 110 | <0.5 | <0.5 | <0.5 | <0.5 | -- | 260* | 260 |
| 06/03/98 | 11.17 | 6.79 | 4.38 | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | 480* | 400 |
| 07/29/98 | 11.17 | 6.12 | 5.05 | -- | -- | ** | 350 | 5.0 | <0.5 | 0.67 | 1.2 | -- | 830* | 730 |
| 07/29/98 | 11.17 | 6.12 | 5.05 | -- | -- | Confirmation run | -- | -- | -- | -- | -- | -- | -- | 980 |
| 11/30/98 | 11.17 | 6.16 | 5.01 | -- | -- | -- | 168 | 0.797 | <0.5 | <0.5 | <0.5 | -- | 741 | 114 |
| 02/24/99 | 11.17 | 7.14 | 4.03 | -- | -- | -- | 69 | <0.5 | <0.5 | <0.5 | <0.5 | -- | 670* | 530 |
| 05/06/99 | 11.17 | 6.72 | 4.45 | -- | -- | -- | <500 | <5.0 | <5.0 | <5.0 | <5.0 | -- | 540* | 454 |

* Chromatogram pattern indicates an unidentified hydrocarbon.

** See Table of Additional Analyses.

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 | Ground | Depth | Total | | | Notes | TPH-Gasoline | Benzene | Toluene | Ethyl-Benzenes | Xylene | TOG | TPH-Diesel | MTBE |
|-------------------|------|--------|----------|-------|-----------|-----|-------|--------------|---------|---------|----------------|--------|------|------------|------|
| | Head | Water | To Water | SPH | Thickness | SPH | | | Removed | Removed | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| TRIP BLANK | | | | | | | | | | | | | | | |
| 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 | -- | -- | -- |
| 11/29/95 | -- | -- | -- | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | <2.5 |
| 02/08/96 | -- | -- | -- | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- |
| 05/08/96 | -- | -- | -- | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | <2.5 |
| 08/23/96 | -- | -- | -- | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- |
| 12/12/96 | -- | -- | -- | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | <2.5 |
| 02/10/97 | -- | -- | -- | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | <2.5 |
| 05/01/97 | -- | -- | -- | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | <2.5 |
| 08/05/97 | -- | -- | -- | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | <2.5 |
| 10/28/97 | -- | -- | -- | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | <2.5 |
| 02/04/98 | -- | -- | -- | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | <2.5 |
| 02/12/98 | -- | -- | -- | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | <2.5 |
| 06/03/98 | -- | -- | -- | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | <2.5 |
| 07/29/98 | -- | -- | -- | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | <2.5 |
| 11/30/98 | -- | -- | -- | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | <2.0 |
| 02/24/99 | -- | -- | -- | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | <2.5 |
| 05/06/99 | -- | -- | -- | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | <5.0 |

Cumulative Table of Well Data and Analytical Results

ADDITIONAL ANALYSES

Analytical values are in parts per billion (ppb)

| DATE | Notes | Alkalinity | Ferrous Iron | Nitrate as Nitrate | Sulfate | EPA 8010B | EPA 8270B | Cadmium | Chromium | Lead | Nickel | Zinc |
|-------------------------------------|----------|---------------|--------------|--------------------|--------------|----------------|---------------|-----------|------------|-----------|-----------|-----------|
| B-1 07/29/98 | -- | 930,000 | 2000 | 13,000 | 280,000 | -- | -- | -- | -- | -- | -- | -- |
| B-5 07/29/98 | -- | 280,000 | 1100 | <1000 | 7000 | -- | -- | -- | -- | -- | -- | -- |
| B-10 07/29/98 | -- | 630,000 | 740 | 34,000 | 16,000 | -- | -- | -- | -- | -- | -- | -- |
| B-11 07/29/98 | -- | 460,000 | 1100 | 33,000 | 18,000 | -- | -- | -- | -- | -- | -- | -- |
| B-12 07/29/98 05/06/99 | -- -- | 700,000 -- | 450 -- | <1000 -- | 27,000 -- | -- <5.0-<10 | -- <10-<50 | -- <10 | -- 86.7 | -- <75 | -- 143 | -- 185 |
| B-13 07/29/98 | -- | 290,000 | 240 | 5600 | 17,000 | -- | -- | -- | -- | -- | -- | -- |

Note: Blaine Tech Services, Inc. began routine monitoring of the groundwater wells at this site on November 1, 1994.

Earlier field data and analytical results are drawn from the September 27, 1994 Groundwater Technology, Inc. report.

ABBREVIATIONS:

TPH = Total Petroleum Hydrocarbons

SPH = Separate-Phase Hydrocarbons

TOG = Total Oil and Grease

MTBE = Methyl t-Butyl Ether

Analytical Appendix



Sequoia Analytical

1551 Industrial Road
San Carlos, CA 94070-4111
(650) 232-9600
FAX (650) 232-9612

May 26, 1999

Christine Lillie
Blaine Tech Services
1680 Rogers Avenue
San Jose, CA 95112

RE: Chevron(8)/L905087

Dear Christine Lillie:

Enclosed are the results of analyses for sample(s) received by the laboratory on May 7, 1999. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Mike Gregory
Project Manager D.M.

CA ELAP Certificate Number I-2360





Blaine Tech Services
1680 Rogers Avenue
San Jose, CA 95112

Project: Chevron(8)
Project Number: Chevron 9-0290/990506-C1
Project Manager: Christine Lillie

Sampled: 5/6/99
Received: 5/7/99
Reported: 5/26/99

ANALYTICAL REPORT FOR L905087

| Sample Description | Laboratory Sample Number | Sample Matrix | Date Sampled |
|--------------------|--------------------------|---------------|--------------|
| A-1 | L905087-01 | Water | 5/6/99 |
| B-1 | L905087-02 | Water | 5/6/99 |
| B-5 | L905087-03 | Water | 5/6/99 |
| B-6 | L905087-04 | Water | 5/6/99 |
| B-10 | L905087-05 | Water | 5/6/99 |
| B-11 | L905087-06 | Water | 5/6/99 |
| B-12 | L905087-07 | Water | 5/6/99 |
| B-13 | L905087-08 | Water | 5/6/99 |
| TB | L905087-09 | Water | 5/6/99 |



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FAX (650) 232-9612

| | | |
|--|--|--|
| Blaine Tech Services 1680 Rogers Avenue San Jose, CA 95112 | Project: Chevron(8) Project Number: Chevron 9-0290/990506-C1 Project Manager: Christine Lillie | Sampled: 5/6/99 Received: 5/7/99 Reported: 5/26/99 |
|--|--|--|

Sample Description:

A-1

Laboratory Sample Number:

L905087-01

| Analyte | Batch Number | Date Prepared | Date Analyzed | Specific Method/ Surrogate Limits | Reporting Limit | Result | Units | Notes* |
|---------|--------------|---------------|---------------|--------------------------------------|-----------------|--------|-------|--------|
|---------|--------------|---------------|---------------|--------------------------------------|-----------------|--------|-------|--------|

Sequoia Analytical - San Carlos

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

| | | | | | | | | |
|--|---------|---------|---------|----------|------|-------------|------|---|
| Purgeable Hydrocarbons as Gasoline | 9050082 | 5/18/99 | 5/18/99 | | 200 | 580 | ug/l | 3 |
| Benzene | " | " | " | | 2.00 | 13.4 | " | |
| Toluene | " | " | " | | 2.00 | ND | " | |
| Ethylbenzene | " | " | " | | 2.00 | 4.68 | " | |
| Xylenes (total) | " | " | " | | 2.00 | 58.0 | " | |
| Methyl tert-butyl ether | " | " | " | | 20.0 | 165 | " | |
| Surrogate: <i>a,a,a-Trifluorotoluene</i> | " | " | " | 70.0-130 | | 87.3 | % | |





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| | | |
|--|--|--|
| Blaine Tech Services 1680 Rogers Avenue San Jose, CA 95112 | Project: Chevron(8) Project Number: Chevron 9-0290/990506-C1 Project Manager: Christine Lillie | Sampled: 5/6/99 Received: 5/7/99 Reported: 5/26/99 |
|--|--|--|

Sample Description:

B-1

Laboratory Sample Number:

L905087-02

| Analyte | Batch Number | Date Prepared | Date Analyzed | Specific Method/ Surrogate Limits | Reporting Limit | Result | Units | Notes* |
|---------|--------------|---------------|---------------|--------------------------------------|-----------------|--------|-------|--------|
|---------|--------------|---------------|---------------|--------------------------------------|-----------------|--------|-------|--------|

Sequoia Analytical - San Carlos

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

| | | | | | | | | |
|------------------------------------|---------|---------|---------|----------|-------|------|------|---|
| Purgeable Hydrocarbons as Gasoline | 9050082 | 5/18/99 | 5/18/99 | | 50.0 | 239 | ug/l | 3 |
| Benzene | " | " | " | | 0.500 | 4.02 | " | |
| Toluene | " | " | " | | 0.500 | ND | " | |
| Ethylbenzene | " | " | " | | 0.500 | 3.87 | " | |
| Xylenes (total) | " | " | " | | 0.500 | 1.97 | " | |
| Methyl tert-butyl ether | " | " | " | | 5.00 | 197 | " | |
| Surrogate: a,a,a-Trifluorotoluene | " | " | " | 70.0-130 | | 91.9 | % | |





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| | | |
|--|--|--|
| Blaine Tech Services 1680 Rogers Avenue San Jose, CA 95112 | Project: Chevron(8) Project Number: Chevron 9-0290/990506-C1 Project Manager: Christine Lillie | Sampled: 5/6/99 Received: 5/7/99 Reported: 5/26/99 |
|--|--|--|

Sample Description: B-5
Laboratory Sample Number: L905087-03

| Analyte | Batch Number | Date Prepared | Date Analyzed | Specific Method/ Surrogate Limits | Reporting Limit | Result | Units | Notes* |
|---------|--------------|---------------|---------------|--------------------------------------|-----------------|--------|-------|--------|
|---------|--------------|---------------|---------------|--------------------------------------|-----------------|--------|-------|--------|

Sequoia Analytical - San Carlos

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

| | | | | | | | | |
|--|----------------|----------------|----------------|----------|-----------|-------------|----------|--|
| Purgeable Hydrocarbons as Gasoline | 9050082 | 5/18/99 | 5/18/99 | | 50.0 | ND | ug/l | |
| Benzene | " | " | " | | 0.500 | 2.27 | " | |
| Toluene | " | " | " | | 0.500 | ND | " | |
| Ethylbenzene | " | " | " | | 0.500 | ND | " | |
| Xylenes (total) | " | " | " | | 0.500 | ND | " | |
| Methyl tert-butyl ether | 9050068 | 5/16/99 | 5/16/99 | | 50 | 3090 | " | |
| <i>Surrogate: a,a,a-Trifluorotoluene</i> | 9050082 | 5/18/99 | 5/18/99 | 70.0-130 | | 85.5 | % | |



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| | | |
|--|--|--|
| Blaine Tech Services 1680 Rogers Avenue San Jose, CA 95112 | Project: Chevron(8) Project Number: Chevron 9-0290/990506-C1 Project Manager: Christine Lillie | Sampled: 5/6/99 Received: 5/7/99 Reported: 5/26/99 |
|--|--|--|

Sample Description:

B-6

Laboratory Sample Number:

L905087-04

| Analyte | Batch Number | Date Prepared | Date Analyzed | Specific Method/ Surrogate | Reporting Limit | Result | Units | Notes* |
|---------|--------------|---------------|---------------|-------------------------------|-----------------|--------|-------|--------|
|---------|--------------|---------------|---------------|-------------------------------|-----------------|--------|-------|--------|

Sequoia Analytical - San Carlos

MTBE by DHS LUFT

Methyl tert-butyl ether

9050082 5/18/99 5/18/99 100 **1010** ug/l

*Surrogate: a,a,a-*Trifluorotoluene**

" " " 60.0-140 85.9 %





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| | | |
|--|--|--|
| Blaine Tech Services 1680 Rogers Avenue San Jose, CA 95112 | Project: Chevron(8) Project Number: Chevron 9-0290/990506-C1 Project Manager: Christine Lillie | Sampled: 5/6/99 Received: 5/7/99 Reported: 5/26/99 |
|--|--|--|

Sample Description:

B-10

Laboratory Sample Number:

L905087-05

| Analyte | Batch Number | Date Prepared | Date Analyzed | Specific Method/ Surrogate Limits | Reporting Limit | Result | Units | Notes* |
|---------|--------------|---------------|---------------|--------------------------------------|-----------------|--------|-------|--------|
|---------|--------------|---------------|---------------|--------------------------------------|-----------------|--------|-------|--------|

Sequoia Analytical - San Carlos

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

| | | | | | | | | |
|--|---------|---------|---------|----------|-------|-------------|------|---|
| Purgeable Hydrocarbons as Gasoline | 9050086 | 5/19/99 | 5/19/99 | | 50.0 | 490 | ug/l | 3 |
| Benzene | " | " | " | | 0.500 | 7.05 | " | |
| Toluene | " | " | " | | 0.500 | 1.02 | " | |
| Ethylbenzene | " | " | " | | 0.500 | 8.24 | " | |
| Xylenes (total) | " | " | " | | 0.500 | 2.18 | " | |
| Methyl tert-butyl ether | " | " | " | | 5.00 | ND | " | |
| Surrogate: <i>a,a,a-Trifluorotoluene</i> | " | " | " | 70.0-130 | | 103 | % | |





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| | | |
|--|--|--|
| Blaine Tech Services 1680 Rogers Avenue San Jose, CA 95112 | Project: Chevron(8) Project Number: Chevron 9-0290/990506-C1 Project Manager: Christine Lillie | Sampled: 5/6/99 Received: 5/7/99 Reported: 5/26/99 |
|--|--|--|

Sample Description: B-11
Laboratory Sample Number: L905087-06

| Analyte | Batch Number | Date Prepared | Date Analyzed | Specific Method/ Surrogate Limits | Reporting Limit | Result | Units | Notes* |
|---------|--------------|---------------|---------------|--------------------------------------|-----------------|--------|-------|--------|
|---------|--------------|---------------|---------------|--------------------------------------|-----------------|--------|-------|--------|

Sequoia Analytical - San Carlos

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

| | | | | | | | | |
|------------------------------------|---------|---------|---------|----------|-------|-------|------|---|
| Purgeable Hydrocarbons as Gasoline | 9050071 | 5/16/99 | 5/16/99 | | 50.0 | 423 | ug/l | 3 |
| Benzene | " | " | " | | 0.500 | 4.66 | " | |
| Toluene | " | " | " | | 0.500 | 0.662 | " | |
| Ethylbenzene | " | " | " | | 0.500 | ND | " | |
| Xylenes (total) | " | " | " | | 0.500 | 1.38 | " | |
| Methyl tert-butyl ether | " | " | " | | 2000 | 20600 | " | |
| Surrogate: a,a,a-Trifluorotoluene | " | " | " | 70.0-130 | | 95.9 | % | |



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| | | |
|--|--|--|
| Blaine Tech Services 1680 Rogers Avenue San Jose, CA 95112 | Project: Chevron(8) Project Number: Chevron 9-0290/990506-C1 Project Manager: Christine Lillie | Sampled: 5/6/99 Received: 5/7/99 Reported: 5/26/99 |
|--|--|--|

Sample Description: B-12
Laboratory Sample Number: L905087-07

| Analyte | Batch Number | Date Prepared | Date Analyzed | Specific Method/ Surrogate Limits | Reporting Limit | Result | Units | Notes* |
|---------|--------------|---------------|---------------|--------------------------------------|-----------------|--------|-------|--------|
|---------|--------------|---------------|---------------|--------------------------------------|-----------------|--------|-------|--------|

Sequoia Analytical - San Carlos

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

| | | | | | | | |
|--|---------|---------|---------|----------|------|-------------|------|
| Purgeable Hydrocarbons as Gasoline | 9050082 | 5/18/99 | 5/18/99 | | 500 | ND | ug/l |
| Benzene | " | " | " | | 5.00 | ND | " |
| Toluene | " | " | " | | 5.00 | ND | " |
| Ethylbenzene | " | " | " | | 5.00 | ND | " |
| Xylenes (total) | " | " | " | | 5.00 | ND | " |
| Methyl tert-butyl ether | " | " | " | | 50.0 | 1370 | " |
| <i>Surrogate: a,a,a-Trifluorotoluene</i> | " | " | " | 70.0-130 | | 72.5 | % |

Volatile Organic Compounds by EPA Method 8010B

| | | | | | | | |
|--|---------|---------|---------|----------|------|------|------|
| Bromodichloromethane | 9050095 | 5/20/99 | 5/20/99 | | 5.00 | ND | ug/l |
| Bromoform | " | " | " | | 5.00 | ND | " |
| Bromomethane | " | " | " | | 10.0 | ND | " |
| Carbon tetrachloride | " | " | " | | 5.00 | ND | " |
| Chlorobenzene | " | " | " | | 5.00 | ND | " |
| Chloroethane | " | " | " | | 10.0 | ND | " |
| 2-Chloroethylvinyl ether | " | " | " | | 10.0 | ND | " |
| Chloroform | " | " | " | | 5.00 | ND | " |
| Chloromethane | " | " | " | | 10.0 | ND | " |
| Dibromochloromethane | " | " | " | | 5.00 | ND | " |
| 1,3-Dichlorobenzene | " | " | " | | 5.00 | ND | " |
| 1,4-Dichlorobenzene | " | " | " | | 5.00 | ND | " |
| 1,2-Dichlorobenzene | " | " | " | | 5.00 | ND | " |
| 1,1-Dichloroethane | " | " | " | | 5.00 | ND | " |
| 1,2-Dichloroethane | " | " | " | | 5.00 | ND | " |
| 1,1-Dichloroethene | " | " | " | | 5.00 | ND | " |
| cis-1,2-Dichloroethene | " | " | " | | 5.00 | ND | " |
| trans-1,2-Dichloroethene | " | " | " | | 5.00 | ND | " |
| 1,2-Dichloropropane | " | " | " | | 5.00 | ND | " |
| cis-1,3-Dichloropropene | " | " | " | | 5.00 | ND | " |
| trans-1,3-Dichloropropene | " | " | " | | 5.00 | ND | " |
| Methylene chloride | " | " | " | | 50.0 | ND | " |
| 1,1,1,2-Tetrachloroethane | " | " | " | | 5.00 | ND | " |
| Tetrachloroethene | " | " | " | | 5.00 | ND | " |
| 1,1,1-Trichloroethane | " | " | " | | 5.00 | ND | " |
| 1,1,2-Trichloroethane | " | " | " | | 5.00 | ND | " |
| Trichloroethene | " | " | " | | 5.00 | ND | " |
| Trichlorofluoromethane | " | " | " | | 5.00 | ND | " |
| Vinyl chloride | " | " | " | | 10.0 | ND | " |
| <i>Surrogate: 1-Chloro-2-fluorobenzene</i> | " | " | " | 70.0-130 | | 87.6 | % |





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| | | |
|--|--|--|
| Blaine Tech Services 1680 Rogers Avenue San Jose, CA 95112 | Project: Chevron(8) Project Number: Chevron 9-0290/990506-C1 Project Manager: Christine Lillie | Sampled: 5/6/99 Received: 5/7/99 Reported: 5/26/99 |
|--|--|--|

Sample Description: B-13
Laboratory Sample Number: L905087-08

| Analyte | Batch Number | Date Prepared | Date Analyzed | Specific Method/ Surrogate Limits | Reporting Limit | Result | Units | Notes* |
|---------|--------------|---------------|---------------|--------------------------------------|-----------------|--------|-------|--------|
|---------|--------------|---------------|---------------|--------------------------------------|-----------------|--------|-------|--------|

Sequoia Analytical - San Carlos

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

| | | | | | | | |
|--|---------|---------|---------|----------|------|------------|------|
| Purgeable Hydrocarbons as Gasoline | 9050082 | 5/18/99 | 5/18/99 | | 500 | ND | ug/l |
| Benzene | " | " | " | | 5.00 | ND | " |
| Toluene | " | " | " | | 5.00 | ND | " |
| Ethylbenzene | " | " | " | | 5.00 | ND | " |
| Xylenes (total) | " | " | " | | 5.00 | ND | " |
| Methyl tert-butyl ether | " | " | " | | 50.0 | 454 | " |
| <i>Surrogate: a,a,a-Trifluorotoluene</i> | " | " | " | 70.0-130 | | 84.5 | % |





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| | | |
|--|--|--|
| Blaine Tech Services 1680 Rogers Avenue San Jose, CA 95112 | Project: Chevron(8) Project Number: Chevron 9-0290/990506-C1 Project Manager: Christine Lillie | Sampled: 5/6/99 Received: 5/7/99 Reported: 5/26/99 |
|--|--|--|

Sample Description:

TB

Laboratory Sample Number:

L905087-09

| Analyte | Batch Number | Date Prepared | Date Analyzed | Specific Method/ Surrogate Limits | Reporting Limit | Result | Units | Notes* |
|---------|--------------|---------------|---------------|--------------------------------------|-----------------|--------|-------|--------|
|---------|--------------|---------------|---------------|--------------------------------------|-----------------|--------|-------|--------|

Sequoia Analytical - San Carlos

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

| | | | | | | | | |
|--|---------|---------|---------|----------|-------|------|------|--|
| Purgeable Hydrocarbons as Gasoline | 9050068 | 5/16/99 | 5/16/99 | | 50.0 | ND | ug/l | |
| Benzene | " | " | " | | 0.500 | ND | " | |
| Toluene | " | " | " | | 0.500 | ND | " | |
| Ethylbenzene | " | " | " | | 0.500 | ND | " | |
| Xylenes (total) | " | " | " | | 0.500 | ND | " | |
| Methyl tert-butyl ether | " | " | " | | 5.00 | ND | " | |
| <i>Surrogate: a,a,a-Trifluorotoluene</i> | " | " | " | 70.0-130 | | 92.3 | % | |





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| | | |
|--|--|--|
| Blaine Tech Services 1680 Rogers Avenue San Jose, CA 95112 | Project: Chevron(8) Project Number: Chevron 9-0290/990506-C1 Project Manager: Christine Lillie | Sampled: 5/6/99 Received: 5/7/99 Reported: 5/26/99 |
|--|--|--|

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

| Analyte | Date Analyzed | Spike Level | Sample Result | QC Result | Reporting Limit Units | Recov. Recov. Limits | RPD % | RPD % Notes* |
|---|---------------|-------------|---------------|-----------|-----------------------|----------------------|-------|--------------|
| Batch: 9050068 Date Prepared: 5/15/99 Extraction Method: EPA 5030B [P/T] | | | | | | | | |
| Blank 9050068-BLK1 | | | | | | | | |
| Purgeable Hydrocarbons as Gasoline | 5/15/99 | | | ND | ug/l | 50.0 | | |
| Benzene | " | | | ND | " | 0.500 | | |
| Toluene | " | | | ND | " | 0.500 | | |
| Ethylbenzene | " | | | ND | " | 0.500 | | |
| Xylenes (total) | " | | | ND | " | 0.500 | | |
| Methyl tert-butyl ether | " | | | ND | " | 5.00 | | |
| Surrogate: a,a,a-Trifluorotoluene | " | 10.0 | | 11.2 | " | 70.0-130 | 112 | |
| LCS 9050068-BS1 | | | | | | | | |
| Purgeable Hydrocarbons as Gasoline | 5/15/99 | 250 | | 252 | ug/l | 70.0-130 | 101 | |
| Surrogate: a,a,a-Trifluorotoluene | " | 10.0 | | 14.5 | " | 70.0-130 | 145 | I |
| Matrix Spike 9050068-MS1 L905083-06 | | | | | | | | |
| Purgeable Hydrocarbons as Gasoline | 5/15/99 | 250 | 583 | 955 | ug/l | 60.0-140 | 149 | 2 |
| Surrogate: a,a,a-Trifluorotoluene | " | 10.0 | | 19.0 | " | 70.0-130 | 190 | I |
| Matrix Spike Dup 9050068-MSD1 L905083-06 | | | | | | | | |
| Purgeable Hydrocarbons as Gasoline | 5/15/99 | 250 | 583 | 952 | ug/l | 60.0-140 | 148 | 25.0 0.673 |
| Surrogate: a,a,a-Trifluorotoluene | " | 10.0 | | 15.4 | " | 70.0-130 | 154 | I |
| Batch: 9050071 Date Prepared: 5/16/99 Extraction Method: EPA 5030B [P/T] | | | | | | | | |
| Blank 9050071-BLK1 | | | | | | | | |
| Purgeable Hydrocarbons as Gasoline | 5/16/99 | | | ND | ug/l | 50.0 | | |
| Benzene | " | | | ND | " | 0.500 | | |
| Toluene | " | | | ND | " | 0.500 | | |
| Ethylbenzene | " | | | ND | " | 0.500 | | |
| Xylenes (total) | " | | | ND | " | 0.500 | | |
| Methyl tert-butyl ether | " | | | ND | " | 5.00 | | |
| Surrogate: a,a,a-Trifluorotoluene | " | 10.0 | | 8.91 | " | 70.0-130 | 89.1 | |
| LCS 9050071-BS1 | | | | | | | | |
| Purgeable Hydrocarbons as Gasoline | 5/16/99 | 250 | | 320 | ug/l | 70.0-130 | 128 | |
| Surrogate: a,a,a-Trifluorotoluene | " | 10.0 | | 8.76 | " | 70.0-130 | 87.6 | |
| Matrix Spike 9050071-MS1 L905083-02 | | | | | | | | |
| Purgeable Hydrocarbons as Gasoline | 5/16/99 | 250 | ND | 313 | ug/l | 60.0-140 | 125 | |
| Surrogate: a,a,a-Trifluorotoluene | " | 10.0 | | 7.60 | " | 70.0-130 | 76.0 | |
| Matrix Spike Dup 9050071-MSD1 L905083-02 | | | | | | | | |
| Purgeable Hydrocarbons as Gasoline | 5/16/99 | 250 | ND | 298 | ug/l | 60.0-140 | 119 | 25.0 4.92 |



| | | |
|--|--|--|
| Blaine Tech Services 1680 Rogers Avenue San Jose, CA 95112 | Project: Chevron(8) Project Number: Chevron 9-0290/990506-C1 Project Manager: Christine Lillie | Sampled: 5/6/99 Received: 5/7/99 Reported: 5/26/99 |
|--|--|--|

Total Purgeable Hydrocarbons (C6-C12), BTX and MTBE by DHS LUFT/Quality Control
Sequoia Analytical - San Carlos

| Analyte | Date Analyzed | Spike Level | Sample Result | QC Result | Units | Reporting Limit Recov. Units | Recov. % | RPD Limit | RPD % | Notes* |
|---|-------------------------------|-------------|---------------|-----------|---|------------------------------|----------|-----------|-------|--------|
| Matrix Spike Dup (continued) | | | | | | | | | | |
| Surrogate: <i>a,a,a</i> -Trifluorotoluene | 5/16/99 | 10.0 | | 7.92 | ug/l | 70.0-130 | 79.2 | | | |
| Batch: 9050082 | | | | | | | | | | |
| Blank | Date Prepared: 5/18/99 | | | | Extraction Method: EPA 5030B [P/T] | | | | | |
| Purgeable Hydrocarbons as Gasoline | 5/18/99 | | | ND | ug/l | 50.0 | | | | |
| Benzene | " | | | ND | " | 0.500 | | | | |
| Toluene | " | | | ND | " | 0.500 | | | | |
| Ethylbenzene | " | | | ND | " | 0.500 | | | | |
| Xylenes (total) | " | | | ND | " | 0.500 | | | | |
| Methyl tert-butyl ether | " | | | ND | " | 5.00 | | | | |
| Surrogate: <i>a,a,a</i> -Trifluorotoluene | " | 10.0 | | 9.52 | " | 70.0-130 | 95.2 | | | |
| LCS | | | | | | | | | | |
| Purgeable Hydrocarbons as Gasoline | 5/18/99 | 250 | | 264 | ug/l | 70.0-130 | 106 | | | |
| Surrogate: <i>a,a,a</i> -Trifluorotoluene | " | 10.0 | | 9.85 | " | 70.0-130 | 98.5 | | | |
| Matrix Spike | | | | | | | | | | |
| Blank | 9050082-MS1 | | | | L905083-03 | | | | | |
| Purgeable Hydrocarbons as Gasoline | 5/18/99 | 250 | ND | 281 | ug/l | 60.0-140 | 112 | | | |
| Surrogate: <i>a,a,a</i> -Trifluorotoluene | " | 10.0 | | 10.7 | " | 70.0-130 | 107 | | | |
| Matrix Spike Dup | | | | | | | | | | |
| Purgeable Hydrocarbons as Gasoline | 5/18/99 | 250 | ND | 242 | ug/l | 60.0-140 | 96.8 | 25.0 | 14.6 | |
| Surrogate: <i>a,a,a</i> -Trifluorotoluene | " | 10.0 | | 8.58 | " | 70.0-130 | 85.8 | | | |
| Batch: 9050086 | | | | | | | | | | |
| Blank | Date Prepared: 5/19/99 | | | | Extraction Method: EPA 5030B [P/T] | | | | | |
| Purgeable Hydrocarbons as Gasoline | 5/19/99 | | | ND | ug/l | 50.0 | | | | |
| Benzene | " | | | ND | " | 0.500 | | | | |
| Toluene | " | | | ND | " | 0.500 | | | | |
| Ethylbenzene | " | | | ND | " | 0.500 | | | | |
| Xylenes (total) | " | | | ND | " | 0.500 | | | | |
| Methyl tert-butyl ether | " | | | ND | " | 5.00 | | | | |
| Surrogate: <i>a,a,a</i> -Trifluorotoluene | " | 10.0 | | 9.75 | " | 70.0-130 | 97.5 | | | |
| LCS | | | | | | | | | | |
| Benzene | 5/19/99 | 10.0 | | 9.09 | ug/l | 70.0-130 | 90.9 | | | |
| Toluene | " | 10.0 | | 9.09 | " | 70.0-130 | 90.9 | | | |
| Ethylbenzene | " | 10.0 | | 9.18 | " | 70.0-130 | 91.8 | | | |
| Xylenes (total) | " | 30.0 | | 27.5 | " | 70.0-130 | 91.7 | | | |
| Surrogate: <i>a,a,a</i> -Trifluorotoluene | " | 10.0 | | 8.97 | " | 70.0-130 | 89.7 | | | |





| | | |
|--|--|--|
| Blaine Tech Services 1680 Rogers Avenue San Jose, CA 95112 | Project: Chevron(8) Project Number: Chevron 9-0290/990506-C1 Project Manager: Christine Lillie | Sampled: 5/6/99 Received: 5/7/99 Reported: 5/26/99 |
|--|--|--|

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

| Analyte | Date Analyzed | Spike Level | Sample Result | QC Result | Units | Reporting Limit Recov. Limits | Recov. % | RPD Limit | RPD % | Notes* |
|--|---------------|-------------|---------------|-----------|-------|-------------------------------|----------|-----------|-------|--------|
| Matrix Spike | | | | | | | | | | |
| Benzene | 5/19/99 | 10.0 | 7.05 | 15.4 | ug/l | 60.0-140 | 83.5 | | | |
| Toluene | " | 10.0 | 1.02 | 9.36 | " | 60.0-140 | 83.4 | | | |
| Ethylbenzene | " | 10.0 | 8.24 | 16.6 | " | 60.0-140 | 83.6 | | | |
| Xylenes (total) | " | 30.0 | 2.18 | 29.4 | " | 60.0-140 | 90.7 | | | |
| Surrogate: <i>a,a,a-Trifluorotoluene</i> | " | 10.0 | | 7.70 | " | 70.0-130 | 77.0 | | | |
| Matrix Spike Dup | | | | | | | | | | |
| Benzene | 5/19/99 | 10.0 | 7.05 | 14.3 | ug/l | 60.0-140 | 72.5 | 25.0 | 14.1 | |
| Toluene | " | 10.0 | 1.02 | 8.48 | " | 60.0-140 | 74.6 | 25.0 | 11.1 | |
| Ethylbenzene | " | 10.0 | 8.24 | 15.6 | " | 60.0-140 | 73.6 | 25.0 | 12.7 | |
| Xylenes (total) | " | 30.0 | 2.18 | 26.0 | " | 60.0-140 | 79.4 | 25.0 | 13.3 | |
| Surrogate: <i>a,a,a-Trifluorotoluene</i> | " | 10.0 | | 8.40 | " | 70.0-130 | 84.0 | | | |





Sequoia Analytical

1551 Industrial Road
San Carlos, CA 94070-4111
(650) 232-9600
FAX (650) 232-9612

Blaine Tech Services
1680 Rogers Avenue
San Jose, CA 95112

Project: Chevron(8)
Project Number: Chevron 9-0290/990506-C1
Project Manager: Christine Lillie

Sampled: 5/6/99
Received: 5/7/99
Reported: 5/26/99

Volatile Organic Compounds by EPA Method 8010B/Quality Control Sequoia Analytical - San Carlos

| Analyte | Date Analyzed | Spike Level | Sample Result | QC Result | Units | Reporting Limit | Recov. Recov. Limits % | RPD Limit | RPD % Notes* |
|-------------------------------------|---------------|-------------|---------------|-----------|-------|-----------------|------------------------|-----------|--------------|
| Batch: 9050095 | | | | | | | | | |
| Date Prepared: 5/20/99 | | | | | | | | | |
| 9050095-BLK1 | | | | | | | | | |
| Blank | | | | | | | | | |
| Freon 113 | 5/20/99 | | | ND | ug/l | 0.500 | | | |
| Bromodichloromethane | " | | | ND | " | 0.500 | | | |
| Bromoform | " | | | ND | " | 0.500 | | | |
| Bromomethane | " | | | ND | " | 1.00 | | | |
| Carbon tetrachloride | " | | | ND | " | 0.500 | | | |
| Chlorobenzene | " | | | ND | " | 0.500 | | | |
| Chloroethane | " | | | ND | " | 1.00 | | | |
| 2-Chloroethylvinyl ether | " | | | ND | " | 1.00 | | | |
| Chloroform | " | | | ND | " | 0.500 | | | |
| Chloromethane | " | | | ND | " | 1.00 | | | |
| Dibromochloromethane | " | | | ND | " | 0.500 | | | |
| 1,3-Dichlorobenzene | " | | | ND | " | 0.500 | | | |
| 1,4-Dichlorobenzene | " | | | ND | " | 0.500 | | | |
| 1,2-Dichlorobenzene | " | | | ND | " | 0.500 | | | |
| 1,1-Dichloroethane | " | | | ND | " | 0.500 | | | |
| 1,2-Dichloroethane | " | | | ND | " | 0.500 | | | |
| 1,1-Dichloroethene | " | | | ND | " | 0.500 | | | |
| cis-1,2-Dichloroethene | " | | | ND | " | 0.500 | | | |
| trans-1,2-Dichloroethene | " | | | ND | " | 0.500 | | | |
| 1,2-Dichloropropane | " | | | ND | " | 0.500 | | | |
| cis-1,3-Dichloropropene | " | | | ND | " | 0.500 | | | |
| trans-1,3-Dichloropropene | " | | | ND | " | 0.500 | | | |
| Methylene chloride | " | | | ND | " | 5.00 | | | |
| 1,1,1,2-Tetrachloroethane | " | | | ND | " | 0.500 | | | |
| Tetrachloroethene | " | | | ND | " | 0.500 | | | |
| 1,1,1-Trichloroethane | " | | | ND | " | 0.500 | | | |
| 1,1,2-Trichloroethane | " | | | ND | " | 0.500 | | | |
| Trichloroethene | " | | | ND | " | 0.500 | | | |
| Trichlorofluoromethane | " | | | ND | " | 0.500 | | | |
| Vinyl chloride | " | | | ND | " | 1.00 | | | |
| Surrogate: 1-Chloro-2-fluorobenzene | " | 10.0 | | 8.56 | " | 70.0-130 | 85.6 | | |
| LCS | | | | | | | | | |
| 9050095-BS1 | | | | | | | | | |
| Chlorobenzene | 5/20/99 | 10.0 | | 7.63 | ug/l | 70.0-130 | 76.3 | | |
| 1,1-Dichloroethene | " | 10.0 | | 9.05 | " | 65.0-135 | 90.5 | | |
| Trichloroethene | " | 10.0 | | 7.74 | " | 70.0-130 | 77.4 | | |
| Surrogate: 1-Chloro-2-fluorobenzene | " | 10.0 | | 10.2 | " | 70.0-130 | 102 | | |
| Matrix Spike | | | | | | | | | |
| 9050095-MS1 | | | | | | | | | |
| Chlorobenzene | 5/20/99 | 10.0 | ND | 8.12 | ug/l | 60.0-140 | 81.2 | | |

Sequoia Analytical - San Carlos

*Refer to end of report for text of notes and definitions.





Blaine Tech Services
1680 Rogers Avenue
San Jose, CA 95112

Project: Chevron(8)
Project Number: Chevron 9-0290/990506-C1
Project Manager: Christine Lillie

Sampled: 5/6/99
Received: 5/7/99
Reported: 5/26/99

Volatile Organic Compounds by EPA Method 8010B/Quality Control
Sequoia Analytical - San Carlos

| Analyte | Date Analyzed | Spike Level | Sample Result | QC Result | Units | Reporting Limit | Recov. % | RPD Limit | RPD % Notes* |
|-------------------------------------|---------------|-------------|---------------|-----------|-------|-----------------|----------|-----------|--------------|
| Matrix Spike (continued) | | | | | | | | | |
| 1,1-Dichloroethene | 5/20/99 | 10.0 | ND | 9.71 | ug/l | 60.0-140 | 97.1 | | |
| Trichloroethene | " | 10.0 | ND | 8.72 | " | 60.0-140 | 87.2 | | |
| Surrogate: 1-Chloro-2-fluorobenzene | " | 10.0 | | 11.5 | " | 70.0-130 | 115 | | |
| Matrix Spike Dup | | | | | | | | | |
| Chlorobenzene | 5/20/99 | 10.0 | ND | 8.00 | ug/l | 60.0-140 | 80.0 | 25.0 | 1.49 |
| 1,1-Dichloroethene | " | 10.0 | ND | 8.94 | " | 60.0-140 | 89.4 | 25.0 | 8.26 |
| Trichloroethene | " | 10.0 | ND | 8.52 | " | 60.0-140 | 85.2 | 25.0 | 2.32 |
| Surrogate: 1-Chloro-2-fluorobenzene | " | 10.0 | | 11.3 | " | 70.0-130 | 113 | | |





| | | |
|--|--|--|
| Blaine Tech Services 1680 Rogers Avenue San Jose, CA 95112 | Project: Chevron(8) Project Number: Chevron 9-0290/990506-C1 Project Manager: Christine Lillie | Sampled: 5/6/99 Received: 5/7/99 Reported: 5/26/99 |
|--|--|--|

Notes and Definitions

| # | Note |
|---|------|
|---|------|

- 1 The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample.
- 2 The RPD and/or percent recovery for this QC spike sample cannot be accurately calculated due to the high concentration of analyte already present in the sample.

3 Chromatogram pattern: Gasoline C6-C12

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

Recov. Recovery

RPD Relative Percent Difference

NOTE: Diesel was subcontracted to Sequoia Walnut Creek. Hard copy attached.
8270, Metals, 418.1 were subcontracted to Sequoia Petaluma. Hard copy attached.





Sequoia Analytical

680 Chesapeake Drive
404 N. Wiget Lane
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Sequoia Analytical
1551 Industrial Blvd.
San Carlos, CA. 94070
Attention: Mike Gregory

Client Project ID: L905087- Blaine Tech Service, Inc.
Sample Matrix: Water
Analysis Method: EPA 3510/8015 Mod.
First Sample #: 905-0562

Sampled: May 6, 1999
Received: May 7, 1999
Reported: May 28, 1999

QC Batch Number:

SP051199 SP051199 SP051199 SP051199 SP051199 SP051199

8015EXA 8015EXA 8015EXA 8015EXA 8015EXA 8015EXA

TOTAL EXTRACTABLE PETROLEUM HYDROCARBONS

| Analyte | Reporting Limit µg/L | Sample I.D. 905-0562 A-1 | Sample I.D. 905-0563 B-1 | Sample I.D. 905-0564 B-5 | Sample I.D. 905-0565 B-6 | Sample I.D. 905-0566 B-10 | Sample I.D. 905-0567 B-11 |
|---------|-------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|---------------------------------|---------------------------------|
|---------|-------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|---------------------------------|---------------------------------|

| | | | | | | | |
|--------------------------|----|-------|-----|-----|----|-----|-----|
| Extractable Hydrocarbons | 50 | 9,500 | 340 | 790 | 71 | 190 | 580 |
|--------------------------|----|-------|-----|-----|----|-----|-----|

| | | | | | | |
|-----------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|
| Chromatogram Pattern: | Unidentified Hydrocarbons >C11 | Unidentified Hydrocarbons >C10 | Unidentified Hydrocarbons >C10 | Unidentified Hydrocarbons >C12 | Unidentified Hydrocarbons >C10 | Unidentified Hydrocarbons >C10 |
|-----------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|

Quality Control Data

| | | | | | | |
|-------------------------------------|---------|---------|---------|---------|---------|---------|
| Report Limit Multiplication Factor: | 10 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Date Extracted: | 5/11/99 | 5/11/99 | 5/11/99 | 5/11/99 | 5/11/99 | 5/11/99 |
| Date Analyzed: | 5/13/99 | 5/13/99 | 5/13/99 | 5/13/99 | 5/13/99 | 5/13/99 |
| Instrument Identification: | HP-3A | HP-3A | HP-3A | HP-3A | HP-3A | HP-3A |

Extractable Hydrocarbons are quantitated against a fresh diesel standard.
Analytes reported as N.D. were not detected above the stated reporting limit.

SEQUOIA ANALYTICAL, #1271

Charlie Westwater
Project Manager

9050562.SSS <1>





Sequoia Analytical

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Sequoia Analytical
1551 Industrial Blvd.
San Carlos, CA. 94070
Attention: Mike Gregory

QC Batch Number: SP051199 SP051199

8015EXA 8015EXA

TOTAL EXTRACTABLE PETROLEUM HYDROCARBONS

| Analyte | Reporting Limit µg/L | Sample I.D. 905-0568 B-13 | Sample I.D. Method Blank |
|---------|-------------------------|---------------------------------|-----------------------------|
|---------|-------------------------|---------------------------------|-----------------------------|

Extractable Hydrocarbons 50 540 N.D.

Chromatogram Pattern: Unidentified Hydrocarbons --> C10

Quality Control Data

| | | |
|-------------------------------------|---------|---------|
| Report Limit Multiplication Factor: | 1.0 | 1.0 |
| Date Extracted: | 5/11/99 | 5/11/99 |
| Date Analyzed: | 5/13/99 | 5/12/99 |
| Instrument Identification: | HP-3A | HP-3A |

Extractable Hydrocarbons are quantitated against a fresh diesel standard.
Analytes reported as N.D. were not detected above the stated reporting limit.

SEQUOIA ANALYTICAL, #1271

Charlie Westwater
Project Manager

9050562.SSS <2>





Sequoia Analytical

Sequoia Analytical
1551 Industrial Blvd.
San Carlos, CA. 94070
Attention: Mike Gregory

680 Chesapeake Drive
404 N. Wiget Lane
819 Striker Avenue, Suite 8
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1551 Industrial Road

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FAX (916) 921-0100
FAX (707) 792-0342
FAX (650) 232-9612

Client Project ID: L905087- Blaine Tech Service, Inc.
Matrix: Liquid

QC Sample Group: 9050562-568

Reported: May 28, 1999

QUALITY CONTROL DATA REPORT

| | |
|---------------|------------|
| Analyte: | Diesel |
| QC Batch#: | SP051199 |
| | 8015EXA |
| Anal. Method: | EPA 8015M. |
| Prep. Method: | EPA 3510 |

| | |
|--------------------|-----------|
| Analyst: | K. Grubb |
| MS/MSD #: | BLK051199 |
| Sample Conc.: | N.D. |
| Prepared Date: | 5/11/99 |
| Analyzed Date: | 5/12/99 |
| Instrument I.D. #: | HP-3A |
| Conc. Spiked: | 500 µg/L |

| | |
|----------------|------|
| Result: | 480 |
| MS % Recovery: | 96 |
| Dup. Result: | 480 |
| MSD % Recov.: | 96 |
| RPD: | 0.0 |
| RPD Limit: | 0-50 |

| | |
|--------------------|-----------|
| LCS #: | LCS051199 |
| Prepared Date: | 5/11/99 |
| Analyzed Date: | 5/12/99 |
| Instrument I.D. #: | HP-3A |
| Conc. Spiked: | 500 µg/L |

| | |
|----------------|--------|
| LCS Result: | 460 |
| LCS % Recov.: | 92 |
| LCSD Result: | 430 |
| LCSD % Recov.: | 86 |
| MS/MSD | 50-150 |
| LCS | 60-140 |
| Control Limits | |

SEQUOIA ANALYTICAL, #1271

Charlie Westwater
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





Sequoia Analytical

1455 McDowell Blvd. North, Ste. D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342

May 30, 1999

Mike Gregory
Sequoia San Carlos
1551 Industrial Blvd.
San Carlos, CA 94070

RE: Subbed in/P905190

Dear Mike Gregory

Enclosed are the results of analyses for sample(s) received by the laboratory on May 7, 1999. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Matt Sakai
Project Manager

CA ELAP Certificate Number 2245





| | | |
|---|--|--|
| Sequoia San Carlos 1551 Industrial Blvd. San Carlos, CA 94070 | Project: Subbed in Project Number: L905087 Project Manager: Mike Gregory | Sampled: 5/6/99 Received: 5/7/99 Reported: 5/30/99 |
|---|--|--|

ANALYTICAL REPORT FOR P905190

| Sample Description | Laboratory Sample Number | Sample Matrix | Date Sampled |
|--------------------|--------------------------|---------------|--------------|
| B-12 | P905190-01 | Water | 5/6/99 |





Sequoia Analytical

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Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342

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| Sequoia San Carlos 1551 Industrial Blvd. San Carlos, CA 94070 | Project: Subbed in Project Number: L905087 Project Manager: Mike Gregory | Sampled: 5/6/99 Received: 5/7/99 Reported: 5/30/99 |
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Total Petroleum Hydrocarbons as Diesel & others by EPA 8015M Sequoia Analytical - Petaluma

| Analyte | Batch Number | Date Prepared | Date Analyzed | Surrogate Limits | Reporting Limit | Result | Units | Notes* |
|------------------------|--------------|---------------|---------------|-------------------------------------|-----------------|-------------|---------------------------|--------|
| <u>B-12</u> Diesel | 9050516 | 5/19/99 | 5/28/99 | <u>P905190-01</u> " " " 50.0-150 | 0.0500 | 3.55 | <u>Water</u> mg/l 72.8 | 1 % |
| Surrogate: o-Terphenyl | | | | | | | | |





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| Sequoia San Carlos 1551 Industrial Blvd. San Carlos, CA 94070 | Project: Subbed in Project Number: L905087 Project Manager: Mike Gregory | Sampled: 5/6/99 Received: 5/7/99 Reported: 5/30/99 |
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Total Metals by EPA 200 Series Methods
Sequoia Analytical - Petaluma

| Analyte | Batch Number | Date Prepared | Date Analyzed | Specific Method | Reporting Limit | Result | Units | Notes* |
|-------------|--------------|---------------|---------------|-----------------|-----------------|-------------|-------|--------|
| B-12 | | | | | | | | |
| Cadmium | 9050293 | 5/12/99 | 5/12/99 | EPA 200.7 | 10.0 | ND | ug/l | |
| Chromium | " | " | " | EPA 200.7 | 10.0 | 86.7 | " | |
| Lead | " | " | " | EPA 200.7 | 75.0 | ND | " | |
| Nickel | " | " | " | EPA 200.7 | 30.0 | 143 | " | |
| Zinc | " | " | " | EPA 200.7 | 20.0 | 185 | " | |





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| Sequoia San Carlos 1551 Industrial Blvd. San Carlos, CA 94070 | Project: Subbed in Project Number: L905087 Project Manager: Mike Gregory | Sampled: 5/6/99 Received: 5/7/99 Reported: 5/30/99 |
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Semivolatile Organic Compounds by EPA Method 8270B
Sequoia Analytical - Petaluma

| Analyte | Batch Number | Date Prepared | Date Analyzed | Surrogate Limits | Reporting Limit | Result | Units | Notes* |
|-----------------------------|--------------|---------------|---------------|-------------------|-----------------|--------|-------|--------------|
| B-12 | | | | | | | | |
| | | | | P905190-01 | | | | Water |
| Acenaphthene | 9050359 | 5/13/99 | 5/19/99 | | 10.0 | ND | ug/l | |
| Acenaphthylene | " | " | " | | 10.0 | ND | " | |
| Anthracene | " | " | " | | 10.0 | ND | " | |
| Benzidine | " | " | " | | 50.0 | ND | " | |
| Benzoic acid | " | " | " | | 50.0 | ND | " | |
| Benzo (a) anthracene | " | " | " | | 10.0 | ND | " | |
| Benzo (b) fluoranthene | " | " | " | | 10.0 | ND | " | |
| Benzo (k) fluoranthene | " | " | " | | 10.0 | ND | " | |
| Benzo (g,h,i) perylene | " | " | " | | 10.0 | ND | " | |
| Benzo (a) pyrene | " | " | " | | 10.0 | ND | " | |
| Benzyl alcohol | " | " | " | | 20.0 | ND | " | |
| Bis(2-chloroethoxy)methane | " | " | " | | 10.0 | ND | " | |
| Bis(2-chloroethyl)ether | " | " | " | | 10.0 | ND | " | |
| Bis(2-chloroisopropyl)ether | " | " | " | | 10.0 | ND | " | |
| Bis(2-ethylhexyl)phthalate | " | " | " | | 10.0 | ND | " | |
| 4-Bromophenyl phenyl ether | " | " | " | | 10.0 | ND | " | |
| Butyl benzyl phthalate | " | " | " | | 10.0 | ND | " | |
| 4-Chloroaniline | " | " | " | | 20.0 | ND | " | |
| 4-Chloro-3-methylphenol | " | " | " | | 20.0 | ND | " | |
| 2-Chloronaphthalene | " | " | " | | 10.0 | ND | " | |
| 2-Chlorophenol | " | " | " | | 10.0 | ND | " | |
| 4-Chlorophenyl phenyl ether | " | " | " | | 10.0 | ND | " | |
| Chrysene | " | " | " | | 10.0 | ND | " | |
| Dibenz (a,h) anthracene | " | " | " | | 10.0 | ND | " | |
| Dibenzofuran | " | " | " | | 10.0 | ND | " | |
| Di-n-butyl phthalate | " | " | " | | 10.0 | ND | " | |
| 1,2-Dichlorobenzene | " | " | " | | 10.0 | ND | " | |
| 1,3-Dichlorobenzene | " | " | " | | 10.0 | ND | " | |
| 1,4-Dichlorobenzene | " | " | " | | 10.0 | ND | " | |
| 3,3'-Dichlorobenzidine | " | " | " | | 20.0 | ND | " | |
| 2,4-Dichlorophenol | " | " | " | | 10.0 | ND | " | |
| Diethyl phthalate | " | " | " | | 10.0 | ND | " | |
| 2,4-Dimethylphenol | " | " | " | | 10.0 | ND | " | |
| Dimethyl phthalate | " | " | " | | 10.0 | ND | " | |
| 4,6-Dinitro-2-methylphenol | " | " | " | | 50.0 | ND | " | |
| 2,4-Dinitrophenol | " | " | " | | 50.0 | ND | " | |
| 2,4-Dinitrotoluene | " | " | " | | 10.0 | ND | " | |
| 2,6-Dinitrotoluene | " | " | " | | 10.0 | ND | " | |
| Di-n-octyl phthalate | " | " | " | | 10.0 | ND | " | |
| 1,2-Diphenylhydrazine | " | " | " | | 20.0 | ND | " | |
| Fluoranthene | " | " | " | | 10.0 | ND | " | |





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| Sequoia San Carlos 1551 Industrial Blvd. San Carlos, CA 94070 | Project: Subbed in Project Number: L905087 Project Manager: Mike Gregory | Sampled: 5/6/99 Received: 5/7/99 Reported: 5/30/99 |
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Semivolatile Organic Compounds by EPA Method 8270B
Sequoia Analytical - Petaluma

| Analyte | Batch Number | Date Prepared | Date Analyzed | Surrogate Limits | Reporting Limit | Result | Units | Notes* |
|--|--------------|---------------|---------------|------------------|-----------------|--------|-------|--------|
| B-12 (continued) | | | | | | | | |
| Fluorene | 9050359 | 5/13/99 | 5/19/99 | | 10.0 | ND | ug/l | |
| Hexachlorobenzene | " | " | " | | 10.0 | ND | " | |
| Hexachlorobutadiene | " | " | " | | 10.0 | ND | " | |
| Hexachlorocyclopentadiene | " | " | " | | 10.0 | ND | " | |
| Hexachloroethane | " | " | " | | 10.0 | ND | " | |
| Indeno (1,2,3-cd) pyrene | " | " | " | | 10.0 | ND | " | |
| Isophorone | " | " | " | | 10.0 | ND | " | |
| 2-Methylnaphthalene | " | " | " | | 10.0 | ND | " | |
| 2-Methylphenol | " | " | " | | 10.0 | ND | " | |
| 4-Methylphenol | " | " | " | | 10.0 | ND | " | |
| Naphthalene | " | " | " | | 10.0 | ND | " | |
| 2-Nitroaniline | " | " | " | | 50.0 | ND | " | |
| 3-Nitroaniline | " | " | " | | 50.0 | ND | " | |
| 4-Nitroaniline | " | " | " | | 50.0 | ND | " | |
| Nitrobenzene | " | " | " | | 10.0 | ND | " | |
| 2-Nitrophenol | " | " | " | | 10.0 | ND | " | |
| 4-Nitrophenol | " | " | " | | 50.0 | ND | " | |
| N-Nitrosodimethylamine | " | " | " | | 20.0 | ND | " | |
| N-Nitrosodiphenylamine | " | " | " | | 10.0 | ND | " | |
| N-Nitrosodi-n-propylamine | " | " | " | | 10.0 | ND | " | |
| Pentachlorophenol | " | " | " | | 50.0 | ND | " | |
| Phenanthrene | " | " | " | | 10.0 | ND | " | |
| Phenol | " | " | " | | 10.0 | ND | " | |
| Pyrene | " | " | " | | 10.0 | ND | " | |
| Pyridine | " | " | " | | 10.0 | ND | " | |
| 1,2,4-Trichlorobenzene | " | " | " | | 10.0 | ND | " | |
| 2,4,5-Trichlorophenol | " | " | " | | 10.0 | ND | " | |
| 2,4,6-Trichlorophenol | " | " | " | | 10.0 | ND | " | |
| <i>Surrogate: 2-Fluorophenol</i> | " | " | " | 21.0-100 | | 32.3 | % | |
| <i>Surrogate: Phenol-d6</i> | " | " | " | 10.0-94.0 | | 44.3 | " | |
| <i>Surrogate: Nitrobenzene-d5</i> | " | " | " | 35.0-114 | | 47.4 | " | |
| <i>Surrogate: 2-Fluorobiphenyl</i> | " | " | " | 43.0-116 | | 65.7 | " | |
| <i>Surrogate: 2,4,6-Tribromophenol</i> | " | " | " | 10.0-123 | | 63.7 | " | |
| <i>Surrogate: Terphenyl-d14</i> | " | " | " | 34.0-141 | | 43.5 | " | |





Sequoia San Carlos
1551 Industrial Blvd.
San Carlos, CA 94070

Project: Subbed in
Project Number: L905087
Project Manager: Mike Gregory

Sampled: 5/6/99
Received: 5/7/99
Reported: 5/30/99

Conventional Chemistry Parameters by APHA/EPA Methods
Sequoia Analytical - Petaluma

| Analyte | Batch Number | Date Prepared | Date Analyzed | Specific Method | Reporting Limit | Result | Units | Notes* |
|--------------|--------------|---------------|---------------|-------------------------|-----------------|--------|---------------|--------|
| B-12 TRPH | 9050423 | 5/17/99 | 5/19/99 | P905190-01 EPA 418.1 | 1.00 | ND | Water mg/l | |





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Total Petroleum Hydrocarbons as Diesel & others by EPA 8015M/Quality Control
Sequoia Analytical - Petaluma

| Analyte | Date Analyzed | Spike Level | Sample Result | QC Result | Reporting Units | Limit Recov. Limits | Recov. % | RPD Limit | RPD % Notes* |
|------------------------|---------------|-------------|---------------|-----------|-----------------|---------------------|----------|-----------|--------------|
| Batch: 9050516 | | | | | | | | | |
| Blank | | | | | | | | | |
| 9050516-BLK1 | | | | | | | | | |
| Diesel | 5/27/99 | | | ND | mg/l | 0.0500 | | | |
| Surrogate: o-Terphenyl | " | 0.100 | | 0.0838 | " | 50.0-150 | 83.8 | | |
| LCS | | | | | | | | | |
| 9050516-BS1 | | | | | | | | | |
| Diesel | 5/27/99 | 1.00 | | 0.726 | mg/l | 50.0-150 | 72.6 | | |
| Surrogate: o-Terphenyl | " | 0.100 | | 0.0862 | " | 50.0-150 | 86.2 | | |
| LCS Dup | | | | | | | | | |
| 9050516-BSD1 | | | | | | | | | |
| Diesel | 5/27/99 | 1.00 | | 0.696 | mg/l | 50.0-150 | 69.6 | 20.0 | 4.22 |
| Surrogate: o-Terphenyl | " | 0.100 | | 0.0887 | " | 50.0-150 | 88.7 | | |



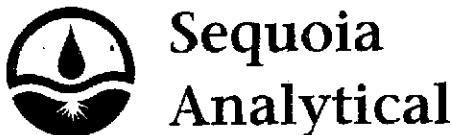


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| Sequoia San Carlos 1551 Industial Blvd. San Carlos, CA 94070 | Project: Subbed in Project Number: L905087 Project Manager: Mike Gregory | Sampled: 5/6/99 Received: 5/7/99 Reported: 5/30/99 |
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**Total Metals by EPA 200 Series Methods/Quality Control
Sequoia Analytical - Petaluma**

| Analyte | Date Analyzed | Spike Level | Sample Result | QC Result | Reporting Units | Limit Recov. % | RPD Limit | RPD % Notes* |
|--------------------------------|---------------|-------------|---------------|-----------|-----------------|----------------|-----------|--------------|
| Batch: 9050293 | | | | | | | | |
| Blank | | | | | | | | |
| Cadmium | 5/12/99 | | | ND | ug/l | 10.0 | | |
| Chromium | " | | | ND | " | 10.0 | | |
| Lead | " | | | ND | " | 75.0 | | |
| Nickel | " | | | ND | " | 30.0 | | |
| Zinc | " | | | ND | " | 20.0 | | |
| LCS | | | | | | | | |
| 9050293-BS1 | | | | | | | | |
| Cadmium | 5/12/99 | 50.0 | | 47.7 | ug/l | 85.0-115 | 95.4 | |
| Chromium | " | 500 | | 490 | " | 85.0-115 | 98.0 | |
| Lead | " | 500 | | 496 | " | 85.0-115 | 99.2 | |
| Nickel | " | 500 | | 510 | " | 85.0-115 | 102 | |
| Zinc | " | 500 | | 527 | " | 85.0-115 | 105 | |
| Matrix Spike | | | | | | | | |
| 9050293-MS1 P905146-01 | | | | | | | | |
| Cadmium | 5/12/99 | 50.0 | ND | 46.6 | ug/l | 75.0-125 | 93.2 | |
| Chromium | " | 500 | ND | 448 | " | 75.0-125 | 89.6 | |
| Lead | " | 500 | ND | 450 | " | 75.0-125 | 90.0 | |
| Nickel | " | 500 | ND | 466 | " | 75.0-125 | 93.2 | |
| Zinc | " | 500 | 20.3 | 456 | " | 75.0-125 | 87.1 | |
| Matrix Spike Dup | | | | | | | | |
| 9050293-MSD1 P905146-01 | | | | | | | | |
| Cadmium | 5/12/99 | 50.0 | ND | 44.4 | ug/l | 75.0-125 | 88.8 | 20.0 4.84 |
| Chromium | " | 500 | ND | 423 | " | 75.0-125 | 84.6 | 20.0 5.74 |
| Lead | " | 500 | ND | 413 | " | 75.0-125 | 82.6 | 20.0 8.57 |
| Nickel | " | 500 | ND | 424 | " | 75.0-125 | 84.8 | 20.0 9.44 |
| Zinc | " | 500 | 20.3 | 435 | " | 75.0-125 | 82.9 | 20.0 4.94 |





Sequoia

Analytical

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Sequoia San Carlos
1551 Industrial Blvd.
San Carlos, CA 94070

Project: Subbed in
Project Number: L905087
Project Manager: Mike Gregory

Sampled: 5/6/99
Received: 5/7/99
Reported: 5/30/99

Semivolatile Organic Compounds by EPA Method 8270B/Quality Control
Sequoia Analytical - Petaluma

| Analyte | Date Analyzed | Spike Level | Sample Result | QC Result | Units | Reporting Limit | Recov. % | RPD Limit | RPD % Notes* |
|-----------------------------|---------------|-------------|---------------|-----------|-------|-----------------|----------|-----------|--------------|
| Batch: 9050359 | | | | | | | | | |
| 9050359-BLK1 | | | | | | | | | |
| Acenaphthene | 5/19/99 | | | ND | ug/l | 10.0 | | | |
| Acenaphthylene | " | | | ND | " | 10.0 | | | |
| Anthracene | " | | | ND | " | 10.0 | | | |
| Benzidine | " | | | ND | " | 50.0 | | | |
| Benzoic acid | " | | | ND | " | 50.0 | | | |
| Benzo (a) anthracene | " | | | ND | " | 10.0 | | | |
| Benzo (b) fluoranthene | " | | | ND | " | 10.0 | | | |
| Benzo (k) fluoranthene | " | | | ND | " | 10.0 | | | |
| Benzo (g,h,i) perylene | " | | | ND | " | 10.0 | | | |
| Benzo (a) pyrene | " | | | ND | " | 10.0 | | | |
| Benzyl alcohol | " | | | ND | " | 20.0 | | | |
| Bis(2-chloroethoxy)methane | " | | | ND | " | 10.0 | | | |
| Bis(2-chloroethyl)ether | " | | | ND | " | 10.0 | | | |
| Bis(2-chloroisopropyl)ether | " | | | ND | " | 10.0 | | | |
| Bis(2-ethylhexyl)phthalate | " | | | ND | " | 10.0 | | | |
| 4-Bromophenyl phenyl ether | " | | | ND | " | 10.0 | | | |
| Butyl benzyl phthalate | " | | | ND | " | 10.0 | | | |
| 4-Chloroaniline | " | | | ND | " | 20.0 | | | |
| 4-Chloro-3-methylphenol | " | | | ND | " | 20.0 | | | |
| 2-Chloronaphthalene | " | | | ND | " | 10.0 | | | |
| 2-Chlorophenol | " | | | ND | " | 10.0 | | | |
| 4-Chlorophenyl phenyl ether | " | | | ND | " | 10.0 | | | |
| Chrysene | " | | | ND | " | 10.0 | | | |
| Dibenz (a,h) anthracene | " | | | ND | " | 10.0 | | | |
| Dibenzofuran | " | | | ND | " | 10.0 | | | |
| Di-n-butyl phthalate | " | | | ND | " | 10.0 | | | |
| 1,2-Dichlorobenzene | " | | | ND | " | 10.0 | | | |
| 1,3-Dichlorobenzene | " | | | ND | " | 10.0 | | | |
| 1,4-Dichlorobenzene | " | | | ND | " | 10.0 | | | |
| 3,3'-Dichlorobenzidine | " | | | ND | " | 20.0 | | | |
| 2,4-Dichlorophenol | " | | | ND | " | 10.0 | | | |
| Diethyl phthalate | " | | | ND | " | 10.0 | | | |
| 2,4-Dimethylphenol | " | | | ND | " | 10.0 | | | |
| Dimethyl phthalate | " | | | ND | " | 10.0 | | | |
| 4,6-Dinitro-2-methylphenol | " | | | ND | " | 50.0 | | | |
| 2,4-Dinitrophenol | " | | | ND | " | 50.0 | | | |
| 2,4-Dinitrotoluene | " | | | ND | " | 10.0 | | | |
| 2,6-Dinitrotoluene | " | | | ND | " | 10.0 | | | |
| Di-n-octyl phthalate | " | | | ND | " | 10.0 | | | |
| 1,2-Diphenylhydrazine | " | | | ND | " | 20.0 | | | |





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**Semivolatile Organic Compounds by EPA Method 8270B/Quality Control
Sequoia Analytical - Petaluma**

| Analyte | Date Analyzed | Spike Level | Sample Result | QC Result | Reporting Limit Units | Recov. Limits | Recov. % | RPD Limit | RPD % Notes* |
|---------------------------------|---------------|-------------|---------------|-----------|-----------------------|---------------|----------|-----------|----------------------------|
| <u>Blank (continued)</u> | | | | | | | | | <u>9050359-BLK1</u> |
| Fluoranthene | 5/19/99 | | | ND | ug/l | | 10.0 | | |
| Fluorene | " | | | ND | " | | 10.0 | | |
| Hexachlorobenzene | " | | | ND | " | | 10.0 | | |
| Hexachlorobutadiene | " | | | ND | " | | 10.0 | | |
| Hexachlorocyclopentadiene | " | | | ND | " | | 10.0 | | |
| Hexachloroethane | " | | | ND | " | | 10.0 | | |
| Indeno (1,2,3-cd) pyrene | " | | | ND | " | | 10.0 | | |
| Isophorone | " | | | ND | " | | 10.0 | | |
| 2-Methylnaphthalene | " | | | ND | " | | 10.0 | | |
| 2-Methylphenol | " | | | ND | " | | 10.0 | | |
| 4-Methylphenol | " | | | ND | " | | 10.0 | | |
| Naphthalene | " | | | ND | " | | 10.0 | | |
| 2-Nitroaniline | " | | | ND | " | | 50.0 | | |
| 3-Nitroaniline | " | | | ND | " | | 50.0 | | |
| 4-Nitroaniline | " | | | ND | " | | 50.0 | | |
| Nitrobenzene | " | | | ND | " | | 10.0 | | |
| 2-Nitrophenol | " | | | ND | " | | 10.0 | | |
| 4-Nitrophenol | " | | | ND | " | | 50.0 | | |
| N-Nitrosodimethylamine | " | | | ND | " | | 20.0 | | |
| N-Nitrosodiphenylamine | " | | | ND | " | | 10.0 | | |
| N-Nitrosodi-n-propylamine | " | | | ND | " | | 10.0 | | |
| Pentachlorophenol | " | | | ND | " | | 50.0 | | |
| Phenanthrene | " | | | ND | " | | 10.0 | | |
| Phenol | " | | | ND | " | | 10.0 | | |
| Pyrene | " | | | ND | " | | 10.0 | | |
| Pyridine | " | | | ND | " | | 10.0 | | |
| 1,2,4-Trichlorobenzene | " | | | ND | " | | 10.0 | | |
| 2,4,5-Trichlorophenol | " | | | ND | " | | 10.0 | | |
| 2,4,6-Trichlorophenol | " | | | ND | " | | 10.0 | | |
| Surrogate: 2-Fluorophenol | " | 150 | | 58.2 | " | 21.0-100 | 38.8 | | |
| Surrogate: Phenol-d6 | " | 150 | | 62.7 | " | 10.0-94.0 | 41.8 | | |
| Surrogate: Nitrobenzene-d5 | " | 100 | | 60.3 | " | 35.0-114 | 60.3 | | |
| Surrogate: 2-Fluorobiphenyl | " | 100 | | 76.8 | " | 43.0-116 | 76.8 | | |
| Surrogate: 2,4,6-Tribromophenol | " | 150 | | 100 | " | 10.0-123 | 66.7 | | |
| Surrogate: Terphenyl-d14 | " | 100 | | 86.1 | " | 34.0-141 | 86.1 | | |
| <u>LCS</u> | | | | | | | | | <u>9050359-BS1</u> |
| Acenaphthene | 5/19/99 | 100 | | 88.1 | ug/l | 24.0-114 | 88.1 | | |
| 4-Chloro-3-methylphenol | " | 150 | | 113 | " | 27.0-100 | 75.3 | | |
| 2-Chlorophenol | " | 150 | | 82.9 | " | 19.0-94.0 | 55.3 | | |
| 1,4-Dichlorobenzene | " | 100 | | 71.5 | " | 14.0-95.0 | 71.5 | | |



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**Semivolatile Organic Compounds by EPA Method 8270B/Quality Control
Sequoia Analytical - Petaluma**

| Analyte | Date Analyzed | Spike Level | Sample Result | QC Result | Units | Reporting Limit | Recov. % | RPD Limit | RPD % Notes* |
|---------------------------------|---------------|-------------|---------------|-----------|-----------|-----------------|----------|-----------|---------------------|
| LCS (continued) | | | | | | | | | 9050359-BS1 |
| 2,4-Dinitrotoluene | 5/19/99 | 100 | 89.9 | ug/l | 29.0-116 | 89.9 | | | |
| 4-Nitrophenol | " | 150 | 68.3 | " | 14.0-121 | 45.5 | | | |
| N-Nitrosodi-n-propylamine | " | 100 | 74.5 | " | 18.0-104 | 74.5 | | | |
| Pentachlorophenol | " | 150 | 103 | " | 11.0-117 | 68.7 | | | |
| Phenol | " | 150 | 68.0 | " | 7.00-100 | 45.3 | | | |
| Pyrene | " | 100 | 111 | " | 22.0-127 | 111 | | | |
| 1,2,4-Trichlorobenzene | " | 100 | 86.6 | " | 18.0-98.0 | 86.6 | | | |
| Surrogate: 2-Fluorophenol | " | 150 | 69.1 | " | 21.0-100 | 46.1 | | | |
| Surrogate: Phenol-d6 | " | 150 | 73.8 | " | 10.0-94.0 | 49.2 | | | |
| Surrogate: Nitrobenzene-d5 | " | 100 | 65.4 | " | 35.0-114 | 65.4 | | | |
| Surrogate: 2-Fluorobiphenyl | " | 100 | 77.9 | " | 43.0-116 | 77.9 | | | |
| Surrogate: 2,4,6-Tribromophenol | " | 150 | 104 | " | 10.0-123 | 69.3 | | | |
| Surrogate: Terphenyl-d14 | " | 100 | 89.9 | " | 34.0-141 | 89.9 | | | |
| LCS Dup | | | | | | | | | 9050359-BSD1 |
| Acenaphthene | 5/19/99 | 100 | 63.3 | ug/l | 24.0-114 | 63.3 | 21.0 | 32.8 | 2 |
| 4-Chloro-3-methylphenol | " | 150 | 60.8 | " | 27.0-100 | 40.5 | 14.0 | 60.1 | 2 |
| 2-Chlorophenol | " | 150 | 40.3 | " | 19.0-94.0 | 26.9 | 40.0 | 69.1 | 2 |
| 1,4-Dichlorobenzene | " | 100 | 47.6 | " | 14.0-95.0 | 47.6 | 19.0 | 40.1 | 2 |
| 2,4-Dinitrotoluene | " | 100 | 66.3 | " | 29.0-116 | 66.3 | 7.00 | 30.2 | 2 |
| 4-Nitrophenol | " | 150 | ND | " | 14.0-121 | 0 | 23.0 | 200 | 2 |
| N-Nitrosodi-n-propylamine | " | 100 | 47.9 | " | 18.0-104 | 47.9 | 32.0 | 43.5 | 2 |
| Pentachlorophenol | " | 150 | 74.1 | " | 11.0-117 | 49.4 | 16.0 | 32.7 | 2 |
| Phenol | " | 150 | 29.4 | " | 7.00-100 | 19.6 | 21.0 | 79.2 | 2 |
| Pyrene | " | 100 | 109 | " | 22.0-127 | 109 | 20.0 | 1.82 | |
| 1,2,4-Trichlorobenzene | " | 100 | 53.7 | " | 18.0-98.0 | 53.7 | 14.0 | 46.9 | 2 |
| Surrogate: 2-Fluorophenol | " | 150 | 28.5 | " | 21.0-100 | 19.0 | | | 3 |
| Surrogate: Phenol-d6 | " | 150 | 29.6 | " | 10.0-94.0 | 19.7 | | | |
| Surrogate: Nitrobenzene-d5 | " | 100 | 48.5 | " | 35.0-114 | 48.5 | | | |
| Surrogate: 2-Fluorobiphenyl | " | 100 | 54.1 | " | 43.0-116 | 54.1 | | | |
| Surrogate: 2,4,6-Tribromophenol | " | 150 | 80.4 | " | 10.0-123 | 53.6 | | | |
| Surrogate: Terphenyl-d14 | " | 100 | 92.2 | " | 34.0-141 | 92.2 | | | |



| | | |
|---|--|--|
| Sequoia San Carlos 1551 Industrial Blvd. San Carlos, CA 94070 | Project: Subbed in Project Number: L905087 Project Manager: Mike Gregory | Sampled: 5/6/99 Received: 5/7/99 Reported: 5/30/99 |
|---|--|--|

Conventional Chemistry Parameters by APHA/EPA Methods/Quality Control
Sequoia Analytical - Petaluma

| Analyte | Date Analyzed | Spike Level | Sample Result | QC Result | Units | Reporting Limit | Recov. Recov. Limits % | RPD Limit % | RPD Notes* |
|-----------------------|---------------|-------------|---------------|-----------|-------|-----------------|------------------------|-------------|------------|
| <u>Batch: 9050423</u> | | | | | | | | | |
| <u>Blank</u> | | | | | | | | | |
| TRPH | 5/19/99 | | | ND | mg/l | | 1.00 | | |
| <u>LCS</u> | | | | | | | | | |
| TRPH | 5/19/99 | 20.0 | | 18.8 | mg/l | 80.0-120 | 94.0 | | |
| <u>LCS Dup</u> | | | | | | | | | |
| TRPH | 5/19/99 | 20.0 | | 16.5 | mg/l | 80.0-120 | 82.5 | 20.0 | 13.0 |





| | | |
|---|--|--|
| Sequoia San Carlos 1551 Industrial Blvd. San Carlos, CA 94070 | Project: Subbed in Project Number: L905087 Project Manager: Mike Gregory | Sampled: 5/6/99 Received: 5/7/99 Reported: 5/30/99 |
|---|--|--|

Notes and Definitions

| # | Note |
|---|------|
|---|------|

- 1 Hydrocarbon pattern is present in the requested fuel quantitation range but does not resemble the pattern of the requested fuel. The pattern more closely resembles that of a heavier fuel.
- 2 The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
- 3 Acid surrogate recovery outside of control limits. The data was accepted based on valid recovery of remaining two acid surrogates.

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

Recov. Recovery

RPD Relative Percent Difference



Yes

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

Chain-of-Custody-Record

Relinquished By (Signature)

Organzellen

Date/Time

Received By (Signature)

Organisation

Date / Time / ?

Lead X/1

Figure 1. Average PDI (%) (Solid, Shaded)

卷之三

13

31777

C. Wink

— 1 —

677

— 1 —

24 *fig.*

Distinguished By (Signature)

Organizations

Data 4U

Reproduced from *Archaeometry*, Vol. 18(1), 1976.

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11

10-Days

Field Data Sheets

WELL GAUGING DATA

Project # 990506-C1 Date 5/6/99 Client Chevron

Site # 9-0290 1802 Webster St Alameda

CHEVRON WELL MONITORING DATA SHEET

| | | | |
|------------------------|-----------|-----------------------------------|---------------------------------|
| Project #: | 990306-C1 | Station #: | 9-0290 |
| Sampler: | CB | Date: | 5/6/99 |
| Well I.D.: | A-1 | Well Diameter: | (2) 3 4 6 8 |
| Total Well Depth: | 11.07 | Depth to Water: | 4.67 |
| Depth to Free Product: | | Thickness of Free Product (feet): | |
| Referenced to: | PVC | Grade | D.O. Meter (if req'd): YSI HACH |

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

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

Sampling Method: Bailer
 Disposable Bailer ✓
 Extraction Port
 Other: _____

$$1 \text{ Case Volume (Gals.)} \times 3 = 3 \text{ Gals.}$$

Specified Volumes Calculated Volume

| Time | Temp (°F) | pH | Cond. | Gals. Removed | Observations |
|-------|-----------|-----|-------|---------------|--------------|
| 12:26 | 68.4 | 7.7 | 600 | 1 | |
| 12:28 | 67.6 | 7.6 | 500 | 2 | |
| 12:30 | 68.0 | 7.7 | 500 | 3 | |
| | | | | | |
| | | | | | |
| | | | | | |

Did well dewater? Yes (No) Gallons actually evacuated: 3

Sampling Time: 12:40 Sampling Date: 5/6/99

Sample I.D.: A-1 Laboratory: Sequoia CORE N. Creek Assoc. Labs

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

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

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

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

CHEVRON WELL MONITORING DATA SHEET

| | | | | | | | |
|------------------------|-----------|-----------------------------------|------------------------|-----|------|---|---|
| Project #: | 990506-C1 | Station #: | A-0290 | | | | |
| Sampler: | CB | Date: | 5/6/99 | | | | |
| Well I.D.: | B-1 | Well Diameter: | (<u>2</u>) | 3 | 4 | 6 | 8 |
| Total Well Depth: | 16.00 | Depth to Water: | 5.01 | | | | |
| Depth to Free Product: | | Thickness of Free Product (feet): | | | | | |
| Referenced to: | PVC | Grade | D.O. Meter (if req'd): | YSI | HACH | | |

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

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

Sampling Method: Bailer
 Disposable Bailer
 Extraction Port
 Other: _____

$$\begin{array}{r}
 1.8 \\
 \times \quad 3 \\
 \hline
 \end{array} = 5.4 \text{ Gals.}$$

1 Case Volume (Gals.) Specified Volumes Calculated Volume

| Time | Temp (°F) | pH | Cond. | Gals. Removed | Observations |
|-------|-----------|-----|-------|---------------|--------------|
| 11:32 | 68.8 | 7.2 | 81400 | 2 | |
| 11:34 | 68.2 | 7.2 | 1000 | 4 | |
| 11:36 | 68.2 | 7.2 | 900 | 6 | |
| | | | | | |
| | | | | | |
| | | | | | |

Did well dewater? Yes No Gallons actually evacuated: 6

Sampling Time: 11:45 Sampling Date: 5/6/99

Sample I.D.: B-1 Laboratory: Sequoia CORE N. Creek Assoc. Labs

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

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

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

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

CHEVRON WELL MONITORING DATA SHEET

| | | | | | | | |
|------------------------|-----------|-----------------------------------|------------------------|-----|------|---|---|
| Project #: | 990306-C1 | Station #: | 9-0290 | | | | |
| Sampler: | CB | Date: | 5/6/99 | | | | |
| Well I.D.: | B-5 | Well Diameter: | (<u>2</u>) | 3 | 4 | 6 | 8 |
| Total Well Depth: | 18.18 | Depth to Water: | 4.02 | | | | |
| Depth to Free Product: | | Thickness of Free Product (feet): | | | | | |
| Referenced to: | PVC | Grade | D.O. Meter (if req'd): | YSI | HACH | | |

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

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

Sampling Method: Bailer
 Disposable Bailer
 Extraction Port
Other: _____

$$\begin{array}{r}
 \frac{2.3}{\text{1 Case Volume (Gals.)}} \times \frac{3}{\text{Specified Volumes}} = \frac{6.9}{\text{Calculated Volume}}
 \end{array} \text{ Gals.}$$

| Time | Temp (°F) | pH | Cond. | Gals. Removed | Observations |
|------|-----------|-----|-------|---------------|-------------------|
| 9:53 | 67.8 | 7.1 | 400 | 3 | Smells like Sewer |
| 9:55 | 66.6 | C-2 | 300 | 6 | |
| 9:57 | 66.6 | C-1 | 300 | 7 | |
| | | | | | |
| | | | | | |
| | | | | | |

Did well dewater? Yes No Gallons actually evacuated: 7

Sampling Time: 10:05 Sampling Date: 5/6/99

Sample I.D.: B-5 Laboratory: Sequoia CORE N. Creek Assoc. Labs

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

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

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

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

CHEVRON WELL MONITORING DATA SHEET

| | | | | | | | |
|------------------------|-----------|-----------------------------------|------------------------|-----|------|---|---|
| Project #: | 990506-C1 | Station #: | 4-0290 | | | | |
| Sampler: | CB | Date: | 5/6/99 | | | | |
| Well I.D.: | B-6 | Well Diameter: | (2) | 3 | 4 | 6 | 8 |
| Total Well Depth: | 18.32 | Depth to Water: | 5.68 | | | | |
| Depth to Free Product: | | Thickness of Free Product (feet): | | | | | |
| Referenced to: | PVC | Grade | D.O. Meter (if req'd): | YSI | HACH | | |

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

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

Sampling Method: Bailer
 Disposable Bailer ✓
 Extraction Port
 Other: _____

| | | | | | |
|-----------------------|---|-------------------|---|-------------------|-------|
| 2 | X | 3 | = | 6 | Gals. |
| 1 Case Volume (Gals.) | | Specified Volumes | | Calculated Volume | |

| Time | Temp (°F) | pH | Cond. | Gals. Removed | Observations |
|-------|-----------|-----|-------|---------------|---|
| 10:50 | 68.8 | 7.0 | 460 | 2 | Very clean |
| 10:52 | 68.4 | 6.8 | 400 | 4 | <input checked="" type="checkbox"/> More turbid |
| 10:54 | 68.6 | 6.4 | 400 | 6 | <input checked="" type="checkbox"/> 1 |
| | | | | | |
| | | | | | |
| | | | | | |

Did well dewater? Yes Gallons actually evacuated: 6

Sampling Time: 11:00 Sampling Date: 5/6/99

Sample I.D.: B-6 Laboratory: Sequoia CORE N. Creek Assoc. Labs

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

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

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

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

CHEVRON WELL MONITORING DATA SHEET

| | | | | | |
|------------------------|-----------|-------|-----------------------------------|--------|---------|
| Project #: | 990506-C1 | | Station #: | 9-0290 | |
| Sampler: | CB | | Date: | 5/6/99 | |
| Well I.D.: | B-① 10 | | Well Diameter: | ② | 3 4 6 8 |
| Total Well Depth: | 14.50 | | Depth to Water: | 5.11 | |
| Depth to Free Product: | | | Thickness of Free Product (feet): | | |
| Referenced to: | PVC | Grade | D.O. Meter (if req'd): | YSI | HACH |

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

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

Sampling Method: Bailer
 Disposable Bailer
 Extraction Port
 Other: _____

$$\frac{1.5}{\text{1 Case Volume (Gals.)}} \times \frac{3}{\text{Specified Volumes}} = \frac{4.5}{\text{Calculated Volume}} \text{ Gals.}$$

| Time | Temp (°F) | pH | Cond. | Gals. Removed | Observations |
|-------|-----------|-----|-------|---------------|--------------|
| 10:09 | 68.6 | 6.0 | 600 | 2 | |
| 10:11 | 68.6 | 6.2 | 600 | 4 | |
| 10:13 | 68.4 | 6.3 | 600 | 5 | |
| | | | | | |
| | | | | | |

Did well dewater? Yes No Gallons actually evacuated: 5

Sampling Time: 10:20 Sampling Date: 5/6/99

Sample I.D.: B-① 10 Laboratory: Sequoia CORE N. Creek Assoc. Labs

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

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

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

CHEVRON WELL MONITORING DATA SHEET

| | | | | | |
|------------------------|-------------|-------|-----------------------------------|-------------|------|
| Project #: | 990506 - C1 | | Station #: | 9-0290 | |
| Sampler: | CB | | Date: | 5/6/99 | |
| Well I.D.: | B - 11 | | Well Diameter: | (2) 3 4 6 8 | |
| Total Well Depth: | 14.38 | | Depth to Water: | 4.55 | |
| Depth to Free Product: | | | Thickness of Free Product (feet): | | |
| Referenced to: | KPYC | Grade | D.O. Meter (if req'd): | YSI | HACH |

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

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

Sampling Method: Bailer
 Disposable Bailer ✓
 Extraction Port
 Other: _____

| | | | | | |
|-----------------------|----------|-------------------|----------|-------------------|-------|
| <u>1.6</u> | <u>X</u> | <u>3</u> | <u>=</u> | <u>4.8</u> | Gals. |
| 1 Case Volume (Gals.) | | Specified Volumes | | Calculated Volume | |

| Time | Temp (°F) | pH | Cond. | Gals. Removed | Observations |
|-------|-----------|----|-------|---------------|--------------|
| 11:58 | | | | 2 | |
| 12:00 | | | | 4 | |
| 12:02 | | | | 5 | |
| | | | | | |
| | | | | | |

| | | | | |
|--------------------|-------------------------------------|--------|-----------------------------|-----------------------------------|
| Did well dewater? | Yes | No | Gallons actually evacuated: | 5 |
| Sampling Time: | 12:10 | | Sampling Date: | 5/6/99 |
| Sample I.D.: | B-11 | | Laboratory: | Sequoia CORE N. Creek Assoc. Labs |
| Analyzed for: | TPH-G BTEX MTBE TPH-D | Other: | | |
| Duplicate I.D.: | Analyzed for: TPH-G BTEX MTBE TPH-D | | Other: | |
| D.O. (if req'd): | Pre-purge: | mg/L | Post-purge: | mg/L |
| O.R.P. (if req'd): | Pre-purge: | mV | Post-purge: | mV |

CHEVRON WELL MONITORING DATA SHEET

| | | | | | |
|------------------------|-------------|-------|-----------------------------------|----------------|---------|
| Project #: | 990506 - C1 | | Station #: | 9-0290 | |
| Sampler: | CB | | Date: | 5/6/99 | |
| Well I.D.: | B-12 | | Well Diameter: | 2 ⁷ | 3 4 6 8 |
| Total Well Depth: | 15.20 | | Depth to Water: | 4.45 | |
| Depth to Free Product: | | | Thickness of Free Product (feet): | | |
| Referenced to: | (PVC) | Grade | D.O. Meter (if req'd): | YSI | HACH |

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

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

Sampling Method: Bailer
 Disposable Bailer
 Extraction Port
 Other: _____

| | | | | | |
|-----------------------|---|-------------------|---|-------------------|-------|
| 1.7 | x | 3 | = | 5.1 | Gals. |
| 1 Case Volume (Gals.) | | Specified Volumes | | Calculated Volume | |

| Time | Temp (°F) | pH | Cond. | Gals. Removed | Observations |
|-------|-----------|-----|-------|---------------|--------------|
| 11:06 | 65.6 | 6.8 | 400 | 2 | |
| 11:08 | 66.2 | 6.8 | 400 | 4 | |
| 11:10 | 66.4 | 6.9 | 400 | 5.5 | |
| | | | | | |
| | | | | | |

| | | | | |
|--------------------|-------------------------|------|-----------------------------|-----------------------------------|
| Did well dewater? | Yes | No | Gallons actually evacuated: | 5.5 |
| Sampling Time: | 11:20 | | Sampling Date: | 5/6/99 |
| Sample I.D.: | B-12 | | Laboratory: | Sequoia CORE N. Creek Assoc. Labs |
| Analyzed for: | (TPH-G BTEX MTBE TPH-D) | | Other: | 8010, 8270, Metals, TOC 418.1 |
| Duplicate I.D.: | | | Analyzed for: | TPH-G BTEX MTBE TPH-D Other: |
| D.O. (if req'd): | Pre-purge: | mg/L | Post-purge: | mg/L |
| O.R.P. (if req'd): | Pre-purge: | mV | Post-purge: | mV |

CHEVRON WELL MONITORING DATA SHEET

| | | | | | |
|------------------------|--------|-------|-----------------------------------|--------------|---------|
| Project #: | 9905ee | | Station #: | 9-0390 | |
| Sampler: | CB | | Date: | 5/6/99 | |
| Well I.D.: | B-13 | | Well Diameter: | (<u>2</u>) | 3 4 6 8 |
| Total Well Depth: | 14.00 | | Depth to Water: | 4.45 | |
| Depth to Free Product: | | | Thickness of Free Product (feet): | | |
| Referenced to: | PVC | Grade | D.O. Meter (if req'd): | YSI | HACH |

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

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

Sampling Method: Bailer
 Disposable Bailer
 Extraction Port
 Other: _____

$$\frac{1.5}{\text{1 Case Volume (Gals.)}} \times \frac{3}{\text{Specified Volumes}} = \frac{4.5}{\text{Calculated Volume}} \text{ Gals.}$$

| Time | Temp (°F) | pH | Cond. | Gals. Removed | Observations |
|-------|-----------|-----|-------|---------------|--------------|
| 10:32 | 67.8 | 7.6 | 600 | 2 | |
| 10:34 | 68.0 | 7.2 | 500 | 4 | |
| 10:36 | 68.2 | 7.2 | 500 | 5 | |
| | | | | | |
| | | | | | |

Did well dewater? Yes No Gallons actually evacuated: 5

Sampling Time: 10:45 Sampling Date: 5/6/99

Sample I.D.: B-B Laboratory: Séquoia CORE N. Creek Assoc. Labs

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

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

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

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