



97 NOV 12 PM 4:54

November 10, 1997

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

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

Marketing – Sales West
Phone 510 842-9500

**Re: Chevron Service Station #9-1583
5509 Martin Luther King Way , Oakland, California**

Dear Ms. Hugo:

Enclosed is the Fourth Quarter Groundwater Monitoring report for 1997, that was prepared by our consultant Blaine Tech Services Inc., for the above noted site. The groundwater samples collected were analyzed for TPH-g, BTEX, MtBE, and TPH-motor oil constituents in monitoring wells MW-7 and MW-8, and analyzed for TPH-g, BTEX, and MtBE constituents for the remaining wells.

Monitoring wells MW-2, MW-4 and MW-5 were below method detection limits for all constituents. Wells MW-6 and MW-7 were below method detection limits for the TPH-g and BTEX constituents. Monitoring well MW-1 had a concentration of benzene of less 8.5 ppb, with MW-8 at <10 ppb. TPH-motor oil was below method detection limits for wells MW-7 and MW-8.

Depth to ground water varied from 8.89 feet to 13.74 feet below grade with a direction of flow varying northerly to easterly.

Monitoring wells MW-2, MW-4, MW-5 have been below method detection limits for TPH-g and BTEX constituents, for at least the last nine sampling events; and wells MW-1, MW-6 and MW-7 have had minimal impact from BTEX constituents for the last nine sampling events, therefore Chevron requests a change to the sampling program. **Chevron requests that wells MW-4, MW-5 and MW-6 be sampled annually, with wells MW-1, MW-2, MW-3, MW-7 and MW-8 sampled semi-annually.**

November 10, 1997
Ms. Susan Hugo
Chevron Service Station #9-1583
Page 2

ENVIRONMENTAL
PROTECTION
97 NOV 12 PM 4: 54

If you have any questions, call me at (510) 842-9136.

Sincerely,
CHEVRON PRODUCTS COMPANY

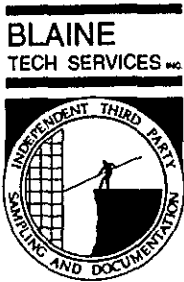


Philip R. Briggs
Site Assessment and Remediation Project Manager

Enclosure

cc. Mr. Bill Scudder, Chevron

- Mr. Kevin Graves
RWQCB-San Francisco Bay Region
- 2101 Webster Street, Suite 500
Oakland, CA 94612



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

ENVIRONMENTAL
PROTECTION
97 NOV 12 11:45 AM

November 7, 1997

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

4th Quarter 1997 Monitoring at 9-1583

Fourth Quarter 1997 Groundwater Monitoring at
Chevron Service Station Number 9-1583
5509 Martin Luther King Jr. Way
Oakland, CA

Monitoring Performed on October 7, 1997

Groundwater Sampling Report 971007-A-2

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,

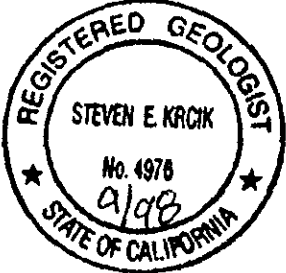
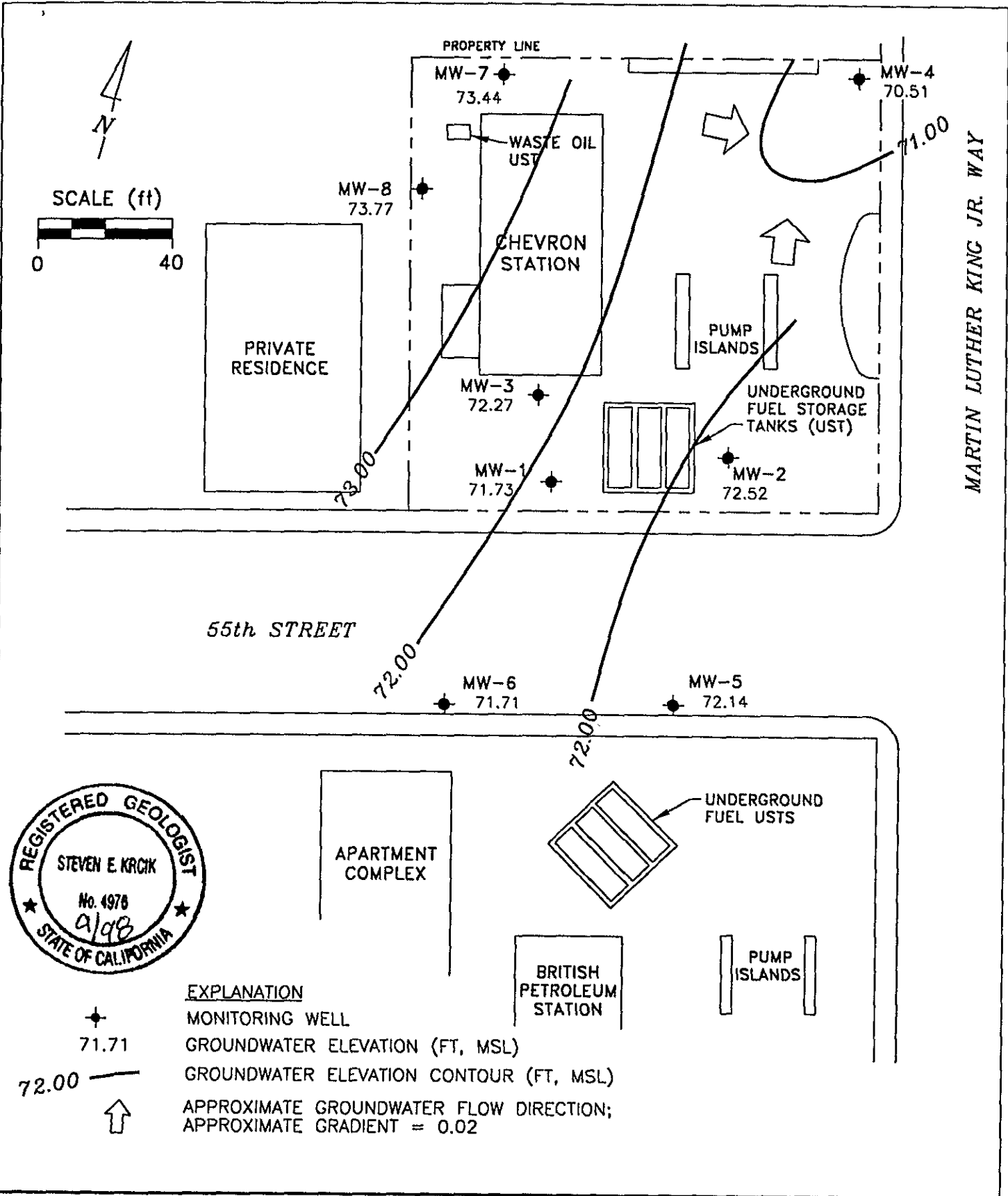
A handwritten signature in black ink, appearing to read 'Francis Thie', written in a cursive style.





Francis Thie
Vice President

FPT/ew

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

Professional Engineering Appendix



- EXPLANATION**
-  MONITORING WELL
 -  71.71 GROUNDWATER ELEVATION (FT, MSL)
 -  72.00 GROUNDWATER ELEVATION CONTOUR (FT, MSL)
 -  APPROXIMATE GROUNDWATER FLOW DIRECTION;
APPROXIMATE GRADIENT = 0.02


| | | |
|--|---|-------------------|
| PREPARED BY  engineering contracting firm | Chevron Station 9-1583 5509 Martin Luther King Jr. Way Oakland, California | FIGURE: 1 |
| | GROUNDWATER ELEVATION CONTOUR MAP, OCTOBER 7, 1997 | PROJECT: DAC04 |

Table of Well Data and Analytical Results

Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

| DATE | Well Head Elev. | Ground Water Elev. | Depth To Water | Notes | TPH-Gasoline | Benzene | Toluene | Ethyl-Benzene | Xylene | MTBE | TPH-Diesel | TPH-Motor Oil | Total Oil & Grease |
|-------------|-----------------|--------------------|----------------|-------|--------------|---------|---------|---------------|-----------|------|------------|---------------|--------------------|
| MW-1 | | | | | | | | | | | | | |
| 12/22/83 | 81.97 | 71.72 | 10.25 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 12/30/83 | 81.97 | 72.80 | 9.17 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 03/12/90 | 81.97 | 71.89 | 10.08 | -- | 50,000 | 3000 | 7300 | 1900 | 18,000 | -- | -- | -- | -- |
| 03/25/90 | 82.42 | 71.51 | 10.46 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 10/18/90 | 82.42 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 10/31/90 | 82.42 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 11/16/90 | 82.42 | 70.84 | 11.58 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 02/08/91 | 82.42 | 72.31 | 10.11 | -- | 100,000 | 4200 | 8400 | 16,000 | 2600 | -- | -- | -- | -- |
| 05/08/91 | 82.42 | 71.97 | 10.45 | -- | 31,000 | 200 | 66 | 670 | 2000 | -- | -- | -- | -- |
| 08/12/91 | 82.42 | 71.19 | 11.23 | -- | 17,000 | 81 | 7.2 | 270 | 710 | -- | -- | -- | -- |
| 11/07/91 | 82.42 | 71.72 | 10.70 | -- | 7100 | 24 | 6.0 | 130 | 170 | -- | -- | -- | -- |
| 02/05/92 | 82.42 | 72.05 | 10.37 | -- | 110,000 | 8900 | 14,000 | 2700 | 12,000 | -- | -- | -- | -- |
| 05/13/92 | 82.42 | 71.84 | 10.58 | -- | 19,000 | 450 | 85 | 480 | 870 | -- | -- | -- | -- |
| 07/17/92 | 82.42 | 71.37 | 11.05 | -- | 8500 | 170 | <10 | 360 | 600 | -- | -- | -- | -- |
| 10/05/92 | 82.42 | 71.01 | 11.41 | -- | 22,000 | 4300 | 5100 | 570 | 2900 | -- | -- | -- | -- |
| 11/11/92 | 82.42 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 11/17/92 | 82.42 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 11/24/92 | 82.42 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 12/01/92 | 82.42 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 12/29/92 | 82.42 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 01/05/93 | 82.42 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 01/08/93 | 82.42 | 74.31 | 8.11 | -- | 14,000,000 | 12,000 | 79,000 | 270,000 | 1,300,000 | -- | -- | -- | -- |
| 02/02/93 | 82.42 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 04/14/93 | 82.42 | 72.57 | 9.85 | -- | 48,000 | 670 | 1100 | 1600 | 6300 | -- | -- | -- | -- |
| 08/06/93 | 82.42 | 71.59 | 10.83 | -- | 44,000 | 660 | 990 | 1600 | 6100 | -- | -- | -- | -- |
| 10/21/93 | 82.42 | 71.52 | 10.90 | -- | 18,000 | 270 | 460 | 1300 | 4700 | -- | -- | -- | -- |
| 01/05/94 | 82.42 | 72.09 | 10.33 | -- | 22,000 | 160 | 160 | 630 | 2300 | -- | -- | -- | -- |
| 04/08/94 | 82.42 | 72.24 | 10.18 | -- | 21,000 | 37 | 110 | 570 | 1400 | -- | -- | -- | -- |
| 07/06/94 | 82.42 | 71.78 | 10.64 | -- | 28,000 | 210 | 100 | 540 | 1200 | -- | -- | -- | -- |
| 08/04/94 | 82.42 | 71.91 | 10.51 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 10/05/94 | 82.42 | 71.51 | 10.91 | -- | 120,000 | 39 | 22 | 320 | 900 | -- | -- | -- | -- |

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Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

| DATE | Well Head Elev. | Ground Water Elev. | Depth To Water | Notes | TPH-Gasoline | Benzene | Toluene | Ethyl-Benzene | Xylene | MTBE | TPH-Diesel | TPH-Motor Oil | Total Oil & Grease |
|----------------------|-----------------|--------------------|----------------|-------|--------------|---------|---------|---------------|--------|------|------------|---------------|--------------------|
| MW-1 (CONT'D) | | | | | | | | | | | | | |
| 01/18/95 | 82.42 | 73.80 | 8.62 | -- | 12,000 | <20 | <20 | 130 | 160 | -- | -- | -- | -- |
| 04/07/95 | 82.42 | 72.89 | 9.53 | -- | 2500 | <2.5 | <2.5 | 71 | 38 | -- | -- | -- | -- |
| 07/06/95 | 82.42 | 72.03 | 10.39 | -- | 5700 | <0.5 | <0.5 | 110 | 110 | -- | -- | -- | -- |
| 10/11/95 | 82.42 | 70.54 | 11.88 | -- | 2700 | 13 | <5.0 | 13 | 5.7 | 650 | -- | -- | -- |
| 01/17/96 | 82.42 | 73.14 | 9.28 | -- | 4200 | 12 | <5.0 | 43 | 24 | 300 | -- | -- | -- |
| 04/05/96 | 82.42 | 72.82 | 9.60 | -- | 1300 | <1.2 | <1.2 | 7.6 | 2.8 | 220 | -- | -- | -- |
| 07/23/96 | 82.42 | 72.19 | 10.23 | -- | 700 | <1.0 | <1.0 | 7.0 | 4.8 | 240 | -- | -- | -- |
| 10/02/96 | 82.42 | 71.67 | 10.75 | -- | 1700 | <2.5 | 9.8 | 10 | 13 | 610 | -- | -- | -- |
| 01/23/97 | 82.42 | 74.75 | 7.67 | -- | 1300 | 21 | <10 | <10 | <10 | 2700 | -- | -- | -- |
| 04/01/97 | 82.42 | 72.22 | 10.20 | -- | 670 | <2.0 | <2.0 | 4.1 | 3.6 | 1200 | -- | -- | -- |
| 07/09/97 | 82.42 | 72.12 | 10.30 | -- | 460 | <1.0 | <1.0 | <1.0 | <1.0 | 440 | -- | -- | -- |
| 10/07/97 | 82.42 | 71.73 | 10.69 | -- | 1100 | 8.5 | <2.0 | <2.0 | 2.0 | 250 | -- | -- | -- |

Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

| DATE | Well Head Elev. | Ground Water Elev. | Depth To Water | Notes | TPH-Gasoline | Benzene | Toluene | Ethyl-Benzene | Xylene | MTBE | TPH-Diesel | TPH-Motor Oil | Total Oil & Grease |
|-------------|-----------------|--------------------|----------------|-------|--------------|---------|---------|---------------|--------|------|------------|---------------|--------------------|
| MW-2 | | | | | | | | | | | | | |
| 12/22/83 | 83.48 | 72.98 | 10.50 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 12/30/83 | 83.48 | 73.56 | 9.92 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 03/12/90 | 83.48 | 72.46 | 11.02 | -- | 800 | 400 | 22 | 18 | 55 | -- | -- | -- | -- |
| 03/25/90 | 83.48 | 72.15 | 11.33 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 10/18/90 | 83.48 | 71.17 | 12.31 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 10/31/90 | 83.48 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 11/16/90 | 83.48 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 02/08/91 | 83.48 | 72.43 | 11.05 | -- | 4600 | 820 | 440 | 720 | 210 | -- | -- | -- | -- |
| 05/08/91 | 83.48 | 72.12 | 11.36 | -- | <50 | 5.0 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- |
| 08/12/91 | 83.48 | 71.51 | 11.97 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- |
| 11/07/91 | 83.48 | 71.98 | 11.50 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- |
| 02/05/92 | 83.48 | 72.29 | 11.19 | -- | 1700 | 390 | 170 | 60 | 200 | -- | -- | -- | -- |
| 05/13/92 | 83.48 | 71.99 | 11.49 | -- | 74 | 9.3 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- |
| 07/17/92 | 83.48 | 71.63 | 11.85 | -- | <50 | 2.0 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- |
| 10/05/92 | 83.48 | 71.48 | 12.00 | -- | 3500 | 1200 | 530 | 86 | 220 | -- | -- | -- | -- |
| 11/11/92 | 83.48 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 11/17/92 | 83.48 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 11/24/92 | 83.48 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 12/01/92 | 83.48 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 12/29/92 | 83.48 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 01/05/93 | 83.48 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 01/08/93 | 83.48 | 74.65 | 8.83 | -- | 390 | 140 | 0.8 | 7.7 | 26 | -- | -- | -- | -- |
| 02/02/93 | 83.48 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 04/14/93 | 83.48 | 72.69 | 10.79 | -- | <50 | 5.0 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- |
| 08/06/93 | 83.48 | 71.77 | 11.71 | -- | <50 | 1.0 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- |
| 10/21/93 | 83.48 | 71.74 | 11.74 | -- | <50 | 1.0 | <0.5 | 9.0 | <0.5 | -- | -- | -- | -- |
| 01/05/94 | 83.48 | 72.30 | 11.18 | -- | <50 | 0.7 | <0.5 | <0.5 | 0.9 | -- | -- | -- | -- |
| 04/08/94 | 83.48 | 72.42 | 11.06 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- |
| 07/06/94 | 83.48 | 71.80 | 11.68 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- |
| 08/04/94 | 83.48 | 72.29 | 11.19 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 10/05/94 | 83.48 | 71.79 | 11.69 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- |

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Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

| DATE | Well Head Elev. | Ground Water Elev. | Depth To Water | Notes | TPH-Gasoline | Benzene | Toluene | Ethyl-Benzene | Xylene | MTBE | TPH-Diesel | TPH-Motor Oil | Total Oil & Grease |
|----------------------|-----------------|--------------------|----------------|-------|--------------|---------|---------|---------------|--------|------|------------|---------------|--------------------|
| MW-2 (CONT'D) | | | | | | | | | | | | | |
| 01/18/95 | 83.48 | 74.26 | 9.22 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- |
| 04/07/95 | 83.48 | 73.62 | 9.86 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- |
| 07/06/95 | 83.48 | 72.74 | 10.74 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- |
| 10/11/95 | 83.48 | 72.26 | 11.22 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 | -- | -- | -- |
| 01/17/96 | 83.48 | 73.74 | 9.74 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 | -- | -- | -- |
| 04/05/96 | 83.48 | 73.52 | 9.96 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 | -- | -- | -- |
| 07/23/96 | 83.48 | 72.57 | 10.91 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 | -- | -- | -- |
| 10/02/96 | 83.48 | 72.41 | 11.07 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 | -- | -- | -- |
| 01/23/97 | 83.48 | 75.18 | 8.30 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | 3.4 | -- | -- | -- |
| 04/01/97 | 83.48 | 72.90 | 10.58 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 | -- | -- | -- |
| 07/09/97 | 83.48 | 72.58 | 10.90 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 | -- | -- | -- |
| 10/07/97 | 83.48 | 72.52 | 10.96 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 | -- | -- | -- |

Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

| DATE | Well Head Elev. | Ground Water Elev. | Depth To Water | Notes | TPH-Gasoline | Benzene | Toluene | Ethyl-Benzene | Xylene | MTBE | TPH-Diesel | TPH-Motor Oil | Total Oil & Grease |
|-------------|-----------------|--------------------|----------------|----------------------|--------------|---------|---------|---------------|--------|------|------------|---------------|--------------------|
| MW-3 | | | | | | | | | | | | | |
| 12/22/83 | 84.36 | 72.78 | 11.58 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 12/30/83 | 84.36 | 73.19 | 11.17 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 03/12/90 | 84.36 | 72.22 | 12.14 | -- | 47,000 | 1000 | 9900 | 1700 | 9800 | -- | -- | -- | -- |
| 03/25/90 | 84.38 | 71.81 | 12.55 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 10/18/90 | 84.38 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 10/31/90 | 84.38 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 11/16/90 | 84.38 | 70.76 | 13.62 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 02/08/91 | 84.38 | 72.20 | 12.18 | -- | 58,000 | 4900 | 5200 | 9500 | 2000 | -- | -- | -- | -- |
| 05/08/91 | 84.38 | 71.86 | 12.52 | -- | 50,000 | 2100 | 1400 | 2000 | 9400 | -- | -- | -- | -- |
| 08/12/91 | 84.38 | 71.11 | 13.27 | -- | 15,000 | 1300 | 160 | 920 | 1900 | -- | -- | -- | -- |
| 11/07/91 | 84.38 | 71.57 | 12.81 | -- | 26,000 | 1000 | 310 | 1900 | 5900 | -- | -- | -- | -- |
| 02/05/92 | 84.38 | 71.91 | 12.47 | -- | 35,000 | 2800 | 1300 | 1500 | 4700 | -- | -- | -- | -- |
| 05/13/92 | 84.38 | 71.76 | 12.62 | -- | 47,000 | 1500 | 1200 | 1100 | 4800 | -- | -- | -- | -- |
| 07/17/92 | 84.38 | 71.25 | 13.13 | -- | 15,000 | 120 | 11 | 88 | 140 | -- | -- | -- | -- |
| 10/05/92 | 84.38 | 70.95 | 13.62 | Free Product (0.24') | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 11/11/92 | 84.38 | 71.63 | 12.89 | Free Product (0.17') | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 11/17/92 | 84.38 | 71.54 | 12.89 | Free Product (0.06') | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 11/24/92 | 84.38 | 71.56 | 12.86 | Free Product (0.05') | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 12/01/92 | 84.38 | 71.48 | 12.92 | Free Product (0.03') | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 12/29/92 | 84.38 | 73.14 | 11.24 | Sheen | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 01/05/93 | 84.38 | 73.23 | 11.15 | Sheen | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 01/08/93 | 84.38 | 74.28 | 10.10 | -- | 250,000 | 5000 | 17,000 | 5500 | 28,000 | -- | -- | -- | -- |
| 02/02/93 | 84.38 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 04/14/93 | 84.38 | 72.48 | 11.91 | Free Product (0.01') | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 08/06/93 | 84.38 | 71.48 | 12.90 | Free Product (0.01') | 150,000 | 3800 | 6600 | 3700 | 17,000 | -- | -- | -- | -- |
| 10/21/93 | 84.38 | 71.41 | 12.97 | -- | 22,000 | 2300 | 1700 | 1400 | 5100 | -- | -- | -- | -- |
| 01/05/94 | 84.38 | 71.96 | 12.42 | -- | 37,000 | 1600 | 1100 | 1300 | 6500 | -- | -- | -- | -- |
| 04/08/94 | 84.38 | 72.51 | 11.87 | -- | 16,000 | 250 | 310 | 500 | 2500 | -- | -- | -- | -- |
| 07/06/94 | 84.38 | 71.64 | 12.74 | -- | 43,000 | 660 | 320 | 1900 | 6400 | -- | -- | -- | -- |
| 08/04/94 | 84.38 | 71.71 | 12.67 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 10/05/94 | 84.38 | 71.43 | 12.95 | -- | 12,000 | 280 | 90 | 480 | 370 | -- | -- | -- | -- |

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Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

| DATE | Well Head Elev. | Ground Water Elev. | Depth To Water | Notes | TPH-Gasoline | Benzene | Toluene | Ethyl-Benzene | Xylene | MTBE | TPH-Diesel | TPH-Motor Oil | Total Oil & Grease |
|----------------------|-----------------|--------------------|----------------|-------|--------------|---------|---------|---------------|--------|------|------------|---------------|--------------------|
| MW-3 (CONT'D) | | | | | | | | | | | | | |
| 01/18/95 | 84.38 | 73.72 | 10.66 | -- | 20,000 | 200 | 230 | 700 | 3500 | -- | -- | -- | -- |
| 04/07/95 | 84.38 | 72.84 | 11.54 | -- | 22,000 | 120 | 120 | 810 | 4400 | -- | -- | -- | -- |
| 07/06/95 | 84.38 | 71.99 | 12.39 | -- | 15,000 | 110 | <50 | 630 | 2100 | -- | -- | -- | -- |
| 10/11/95 | 84.38 | 72.07 | 12.31 | -- | 8600 | 24 | <10 | 360 | 560 | 1100 | -- | -- | -- |
| 01/17/96 | 84.38 | 73.68 | 10.70 | -- | 9300 | <50 | <50 | 230 | 1100 | 2300 | -- | -- | -- |
| 04/05/96 | 84.38 | 73.35 | 11.03 | -- | 8700 | 16 | <10 | 110 | 650 | 990 | -- | -- | -- |
| 07/23/96 | 84.38 | 72.38 | 12.00 | -- | 5400 | 20 | <5.0 | 190 | 480 | 2300 | -- | -- | -- |
| 10/02/96 | 84.38 | 72.20 | 12.18 | -- | 6200 | 43 | <20 | 130 | 140 | 2800 | -- | -- | -- |
| 01/23/97 | 84.38 | 75.12 | 9.26 | -- | 5600 | <5.0 | <5.0 | 39 | 160 | 550 | -- | -- | -- |
| 04/01/97 | 84.38 | 72.75 | 11.63 | -- | 6900 | 17 | <10 | 150 | 330 | 3900 | -- | -- | -- |
| 07/09/97 | 84.38 | 72.38 | 12.00 | -- | 5300 | 31 | <5.0 | 100 | 180 | 2300 | -- | -- | -- |
| 10/07/97 | 84.38 | 72.27 | 12.11 | -- | 2400 | 15 | <2.0 | 30 | 15 | 900 | -- | -- | -- |

Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

| DATE | Well Head Elev. | Ground Water Elev. | Depth To Water | Notes | TPH-Gasoline | Benzene | Toluene | Ethyl-Benzene | Xylene | MTBE | TPH-Diesel | TPH-Motor Oil | Total Oil & Grease |
|-------------|-----------------|--------------------|----------------|-------|--------------|---------|---------|---------------|--------|------|------------|---------------|--------------------|
| MW-4 | | | | | | | | | | | | | |
| 10/18/90 | 84.25 | 68.50 | 15.75 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 10/31/90 | 84.25 | 70.35 | 13.90 | -- | <50 | <0.5 | <0.5 | <0.5 | 1.0 | -- | -- | -- | -- |
| 11/16/90 | 84.25 | 70.00 | 14.25 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 02/08/91 | 84.25 | 71.93 | 12.32 | -- | 60 | 17 | 2.0 | 12 | <0.5 | -- | -- | -- | -- |
| 05/08/91 | 84.25 | 72.02 | 12.23 | -- | 65 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- |
| 08/12/91 | 84.25 | 70.32 | 13.93 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- |
| 11/07/91 | 84.25 | 70.83 | 13.42 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- |
| 02/05/92 | 84.25 | 71.42 | 12.83 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- |
| 05/13/92 | 84.25 | 70.97 | 13.28 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- |
| 07/17/92 | 84.25 | 70.27 | 13.98 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- |
| 10/05/92 | 84.25 | 70.02 | 14.23 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- |
| 11/11/92 | 84.25 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 11/17/92 | 84.25 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 11/24/92 | 84.25 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 12/01/92 | 84.25 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 12/29/92 | 84.25 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 01/05/93 | 84.25 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 01/08/93 | 84.25 | 74.09 | 10.16 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- |
| 02/02/93 | 84.25 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 04/14/93 | 84.25 | 72.21 | 12.04 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- |
| 08/06/93 | 84.25 | 70.34 | 13.91 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- |
| 10/21/93 | 84.25 | 70.26 | 13.99 | -- | <50 | <0.5 | <0.5 | <0.5 | 1.0 | -- | -- | -- | -- |
| 01/05/94 | 84.25 | 71.30 | 12.95 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- |
| 04/08/94 | 84.25 | 71.31 | 12.94 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- |
| 07/06/94 | 84.25 | 70.57 | 13.68 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- |
| 08/04/94 | 84.25 | 70.71 | 13.54 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 10/05/94 | 84.25 | 70.65 | 13.60 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- |
| 01/18/95 | 84.25 | 74.77 | 9.48 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- |
| 04/07/95 | 84.25 | 72.70 | 11.55 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- |
| 07/06/95 | 84.25 | 71.25 | 13.00 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- |
| 10/11/95 | 84.25 | 70.27 | 13.98 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 | -- | -- | -- |
| 01/17/96 | 84.25 | 73.17 | 11.08 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 | -- | -- | -- |
| 04/05/96 | 84.25 | 72.65 | 11.60 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 | -- | -- | -- |
| 07/23/96 | 84.25 | 70.86 | 13.39 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 | -- | -- | -- |

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Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

| DATE | Well Head Elev. | Ground Water Elev. | Depth To Water | Notes | TPH-Gasoline | Benzene | Toluene | Ethyl-Benzene | Xylene | MTBE | TPH-Diesel | TPH-Motor Oil | Total Oil & Grease |
|----------------------|-----------------|--------------------|----------------|-------|--------------|---------|---------|---------------|--------|------|------------|---------------|--------------------|
| MW-4 (CONT'D) | | | | | | | | | | | | | |
| 10/02/96 | 84.25 | 70.27 | 13.98 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 | -- | -- | -- |
| 01/23/97 | 84.25 | 74.72 | 9.53 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 | -- | -- | -- |
| 04/01/97 | 84.25 | 71.68 | 12.57 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 | -- | -- | -- |
| 07/09/97 | 84.25 | 70.64 | 13.61 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 | -- | -- | -- |
| 10/07/97 | 84.25 | 70.51 | 13.74 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 | -- | -- | -- |

Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

| DATE | Well Head Elev. | Ground Water Elev. | Depth To Water | Notes | TPH-Gasoline | Benzene | Toluene | Ethyl-Benzene | Xylene | MTBE | TPH-Diesel | TPH-Motor Oil | Total Oil & Grease |
|-------------|-----------------|--------------------|----------------|--------------|--------------|---------|---------|---------------|--------|------|------------|---------------|--------------------|
| MW-5 | | | | | | | | | | | | | |
| 10/18/90 | 81.95 | 71.17 | 10.78 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 10/31/90 | 81.95 | 71.32 | 10.63 | -- | 110 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- |
| 11/16/90 | 81.95 | 71.27 | 10.68 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 02/08/91 | 81.95 | 72.78 | 9.17 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- |
| 05/08/91 | 81.95 | 73.27 | 8.68 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- |
| 08/12/91 | 81.95 | 71.62 | 10.33 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- |
| 11/07/91 | 81.95 | 72.19 | 9.76 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- |
| 02/05/92 | 81.95 | 72.48 | 9.47 | -- | 69 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- |
| 05/13/92 | 81.95 | 72.25 | 9.70 | -- | 74 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- |
| 07/17/92 | 81.95 | 71.74 | 10.21 | -- | 880 | 2.6 | <1.2 | 4.6 | 11 | -- | -- | -- | -- |
| 10/05/92 | 81.95 | 71.34 | 10.61 | -- | 120 | <0.5 | <0.5 | 0.6 | 4.9 | -- | -- | -- | -- |
| 11/11/92 | 81.95 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 11/17/92 | 81.95 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 11/24/92 | 81.95 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 12/01/92 | 81.95 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 12/29/92 | 81.95 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 01/05/93 | 81.95 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 01/08/93 | 81.95 | 74.61 | 7.34 | -- | 61 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- |
| 02/02/93 | 81.95 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 04/14/93 | 81.95 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 08/06/93 | 81.95 | 71.99 | 9.96 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- |
| 10/21/93 | 81.95 | 71.89 | 10.06 | -- | <50 | <0.5 | <0.5 | 2.0 | 4.0 | -- | -- | -- | -- |
| 01/05/94 | 81.95 | 72.52 | 9.43 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- |
| 04/08/94 | 81.95 | 72.56 | 9.39 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- |
| 07/06/94 | 81.95 | 72.19 | 9.76 | -- | <50 | 0.6 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- |
| 08/04/94 | 81.95 | 72.13 | 9.82 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 10/05/94 | 81.95 | 71.89 | 10.06 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- |
| 01/18/95 | 81.95 | -- | -- | Inaccessible | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 04/07/95 | 81.95 | 73.31 | 8.64 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- |
| 07/06/95 | 81.95 | 72.52 | 9.43 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- |
| 10/11/95 | 81.95 | 72.12 | 9.83 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 | -- | -- | -- |
| 01/17/96 | 81.95 | 73.63 | 8.32 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 | -- | -- | -- |
| 04/05/96 | 81.95 | 73.23 | 8.72 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 | -- | -- | -- |
| 07/23/96 | 81.95 | 72.25 | 9.70 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 | -- | -- | -- |

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Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

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| DATE | Well Head Elev. | Ground Water Elev. | Depth To Water | Notes | TPH-Gasoline | Benzene | Toluene | Ethyl-Benzene | Xylene | MTBE | TPH-Diesel | TPH-Motor Oil | Total Oil & Grease |
|----------------------|-----------------|--------------------|----------------|--------------|--------------|---------|---------|---------------|--------|------|------------|---------------|--------------------|
| MW-5 (CONT'D) | | | | | | | | | | | | | |
| 10/02/96 | 81.95 | 72.06 | 9.89 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 | -- | -- | -- |
| 01/23/97 | 81.95 | 74.72 | 7.23 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 | -- | -- | -- |
| 04/01/97 | 81.95 | -- | -- | Inaccessible | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 07/09/97 | 81.95 | 72.27 | 9.68 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 | -- | -- | -- |
| 10/07/97 | 81.95 | 72.14 | 9.81 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 | -- | -- | -- |

Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

| DATE | Well Head Elev. | Ground Water Elev. | Depth To Water | Notes | TPH-Gasoline | Benzene | Toluene | Ethyl-Benzene | Xylene | MTBE | TPH-Diesel | TPH-Motor Oil | Total Oil & Grease |
|-------------|-----------------|--------------------|----------------|--------------|--------------|---------|---------|---------------|--------|------|------------|---------------|--------------------|
| MW-6 | | | | | | | | | | | | | |
| 10/18/90 | 80.60 | 70.81 | 9.79 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 10/31/90 | 80.60 | 70.91 | 9.69 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 11/16/90 | 80.60 | 70.86 | 9.74 | -- | <50 | <0.5 | <0.5 | <0.5 | 3.0 | -- | -- | -- | -- |
| 02/08/91 | 80.60 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 05/08/91 | 80.60 | 71.06 | 9.54 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 08/12/91 | 80.60 | 71.10 | 9.50 | -- | 56 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- |
| 11/07/91 | 80.60 | 71.71 | 8.89 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- |
| 02/05/92 | 80.60 | 72.01 | 8.59 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- |
| 05/13/92 | 80.60 | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- |
| 07/17/92 | 80.60 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 10/05/92 | 80.60 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 11/11/92 | 80.60 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 11/17/92 | 80.60 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 11/24/92 | 80.60 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 12/01/92 | 80.60 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 12/29/92 | 80.60 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 01/05/93 | 80.60 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 01/08/93 | 80.60 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 02/02/93 | 80.60 | 72.89 | 7.71 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 04/14/93 | 80.60 | 72.41 | 8.19 | -- | <50 | 2.1 | <0.5 | <0.5 | 2.2 | -- | -- | -- | -- |
| 08/06/93 | 80.60 | 71.52 | 9.08 | -- | <50 | 1.0 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- |
| 10/21/93 | 80.60 | 71.46 | 9.14 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- |
| 01/05/94 | 80.60 | 72.06 | 8.54 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- |
| 04/08/94 | 80.60 | -- | -- | -- | <50 | 4.0 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- |
| 07/06/94 | 80.60 | -- | -- | Inaccessible | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 08/04/94 | 80.60 | 71.66 | 8.94 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 10/05/94 | 80.60 | -- | -- | Inaccessible | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- |
| 01/18/95 | 80.60 | 73.50 | 7.10 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 04/07/95 | 80.60 | 72.77 | 7.83 | -- | <50 | 0.69 | <0.5 | <0.5 | 0.57 | -- | -- | -- | -- |
| 07/06/95 | 80.60 | 72.03 | 8.57 | -- | <50 | 1.8 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- |
| 10/11/95 | 80.60 | 71.54 | 9.06 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- |
| 01/17/96 | 80.60 | 73.20 | 7.40 | -- | <125 | <1.2 | <1.2 | <1.2 | <1.2 | 540 | -- | -- | -- |
| 04/05/96 | 80.60 | 72.70 | 7.90 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | 180 | -- | -- | -- |
| 07/23/96 | 80.60 | 71.86 | 8.74 | -- | <125 | 1.4 | <1.2 | <1.2 | <1.2 | 700 | -- | -- | -- |
| | | | | | <500 | <5.0 | <5.0 | <5.0 | <5.0 | 540 | -- | -- | -- |

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Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

| DATE | Well Head Elev. | Ground Water Elev. | Depth To Water | Notes | TPH-Gasoline | Benzene | Toluene | Ethyl-Benzene | Xylene | MTBE | TPH-Diesel | TPH-Motor Oil | Total Oil & Grease |
|----------------------|-----------------|--------------------|----------------|--------------|--------------|---------|---------|---------------|--------|------|------------|---------------|--------------------|
| MW-6 (CONT'D) | | | | | | | | | | | | | |
| 10/02/96 | 80.60 | 71.62 | 8.98 | -- | <100 | <1.0 | <1.0 | <1.0 | 1.8 | 910 | -- | -- | -- |
| 01/23/97 | 80.60 | -- | -- | Inaccessible | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 04/01/97 | 80.60 | 72.22 | 8.38 | -- | <250 | <2.5 | <2.5 | <2.5 | <2.5 | 640 | -- | -- | -- |
| 07/09/97 | 80.60 | -- | -- | Inaccessible | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 10/07/97 | 80.60 | 71.71 | 8.89 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | 640 | -- | -- | -- |

Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

| DATE | Well Head Elev. | Ground Water Elev. | Depth To Water | Notes | TPH-Gasoline | Benzene | Toluene | Ethyl-Benzene | Xylene | MTBE | TPH-Diesel | TPH-Motor Oil | Total Oil & Grease |
|-------------|-----------------|--------------------|----------------|-------|--------------|---------|---------|---------------|--------|------|------------|---------------|--------------------|
| MW-7 | | | | | | | | | | | | | |
| 03/08/94 | 86.36 | 74.99 | 11.37 | -- | 1200 | 440 | 31 | 73 | 200 | -- | <10 | 4100 | -- |
| 07/06/94 | 86.36 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 08/04/94 | 86.36 | 73.86 | 12.50 | -- | 120 | 15 | <0.5 | 3.8 | 1.8 | -- | -- | -- | -- |
| 10/05/94 | 86.36 | 73.99 | 12.37 | -- | 150 | 1.2 | <0.5 | 1.2 | 1.7 | -- | -- | -- | -- |
| 01/18/95 | 86.36 | 74.82 | 11.54 | -- | 260 | 11 | <1.0 | 17 | 6.8 | -- | -- | -- | -- |
| 04/07/95 | 86.36 | 75.63 | 10.73 | -- | 230 | <0.5 | <0.5 | 25 | 0.93 | -- | -- | -- | -- |
| 07/06/95 | 86.36 | 74.36 | 12.00 | -- | 320 | <1.0 | <1.0 | <1.0 | <1.0 | -- | -- | -- | 6900 |
| 10/11/95 | 86.36 | 73.56 | 12.80 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | 120 | -- | 2300* | -- |
| 01/17/96 | 86.36 | 75.90 | 10.46 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | 460 | -- | 1700 | -- |
| 04/05/96 | 86.36 | 76.56 | 9.80 | -- | 130 | <0.5 | <0.5 | <0.5 | <0.5 | 120 | -- | 590 | -- |
| 07/23/96 | 86.36 | 74.57 | 11.79 | -- | <500 | <5.0 | <5.0 | <5.0 | <0.5 | 1200 | -- | 820 | -- |
| 10/02/96 | 86.36 | 73.10 | 13.26 | -- | <100 | <1.0 | <1.0 | <1.0 | <1.0 | 360 | -- | 1500 | -- |
| 01/23/97 | 86.36 | 77.64 | 8.72 | -- | <100 | <1.0 | <1.0 | <1.0 | <1.0 | 490 | -- | <500 | -- |
| 04/01/97 | 86.36 | 75.09 | 11.27 | -- | <250 | <2.5 | <2.5 | <2.5 | <2.5 | 1200 | -- | 1600 | -- |
| 07/09/97 | 86.36 | 73.92 | 12.44 | -- | <250 | 5.9 | <2.5 | <2.5 | <2.5 | 1200 | -- | 5700 | -- |
| 10/07/97 | 86.36 | 73.44 | 12.92 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | 240 | -- | <500 | -- |
| MW-8 | | | | | | | | | | | | | |
| 03/08/94 | 85.93 | 75.06 | 10.87 | -- | 28,000 | 2900 | 1300 | 1200 | 6800 | -- | <10 | <100 | -- |
| 07/06/94 | 85.93 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 08/04/94 | 85.93 | 73.77 | 12.16 | -- | 22,000 | 3000 | 260 | 870 | 4400 | -- | -- | -- | -- |
| 10/05/94 | 85.93 | 72.71 | 13.22 | -- | 12,000 | 1800 | 34 | 4.6 | 890 | -- | -- | -- | -- |
| 01/18/95 | 85.93 | 75.51 | 10.42 | -- | 19,000 | 1000 | 65 | 1100 | 3500 | -- | -- | -- | -- |
| 04/07/95 | 85.93 | 75.48 | 10.45 | -- | 14,000 | 310 | <25 | 720 | 1700 | -- | -- | -- | -- |
| 07/06/95 | 85.93 | 74.30 | 11.63 | -- | 19,000 | 280 | <50 | 1200 | 2600 | -- | -- | -- | -- |
| 10/11/95 | 85.93 | 73.51 | 12.42 | -- | 6100 | 140 | 5.5 | 320 | 280 | 1200 | -- | -- | -- |
| 01/17/96 | 85.93 | 75.95 | 9.98 | -- | 12,000 | 86 | <20 | 590 | 1400 | 1100 | -- | <500 | -- |
| 04/05/96 | 85.93 | 75.60 | 10.33 | -- | 7500 | 180 | 23 | 410 | 480 | 560 | -- | <500 | -- |
| 07/23/96 | 85.93 | 74.56 | 11.37 | -- | 3800 | 47 | <5.0 | 350 | 84 | 1800 | -- | <500 | -- |
| 10/02/96 | 85.93 | 73.90 | 12.03 | -- | 4400 | 65 | <5.0 | 140 | 28 | 1500 | -- | <500 | -- |
| 01/23/97 | 85.93 | 77.73 | 8.20 | -- | 3800 | 36 | 5.9 | 140 | 36 | 910 | -- | <500 | -- |
| 04/01/97 | 85.93 | 75.80 | 10.13 | -- | 6100 | 43 | <20 | 380 | 76 | 1800 | -- | <500 | -- |
| 07/09/97 | 85.93 | 73.77 | 12.16 | -- | 7300 | 48 | <25 | 120 | <25 | 2400 | -- | <500 | -- |
| 10/07/97 | 85.93 | 73.77 | 12.16 | -- | 3100 | <10 | <10 | 67 | <10 | 1400 | -- | <500 | -- |

* Chromatogram pattern indicates an unidentified hydrocarbon.

Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

| DATE | Well Head Elev. | Ground Water Elev. | Depth To Water | Notes | TPH-Gasoline | Benzene | Toluene | Ethyl-Benzene | Xylene | MTBE | TPH-Diesel | TPH-Motor Oil | Total Oil & Grease |
|-------------------|-----------------|--------------------|----------------|-------|--------------|---------|---------|---------------|--------|------|------------|---------------|--------------------|
| TRIP BLANK | | | | | | | | | | | | | |
| 03/12/90 | -- | -- | -- | -- | <50 | <0.3 | <0.3 | <0.3 | <0.6 | -- | -- | -- | -- |
| 02/08/91 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- |
| 05/08/91 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- |
| 08/12/91 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- |
| 11/07/91 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- |
| 02/05/92 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- |
| 05/13/92 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- |
| 07/17/92 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- |
| 10/05/92 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- |
| 11/11/92 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 11/17/92 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 11/29/92 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 12/01/92 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 12/29/92 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 01/05/93 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 01/08/93 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- |
| 02/02/93 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 04/14/93 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- |
| 08/06/93 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- |
| 10/21/93 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- |
| 01/05/94 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- |
| 04/08/94 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- |
| 07/06/94 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- |
| 08/04/94 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- |
| 10/05/94 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- |
| 01/18/95 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- |
| 04/07/95 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- |
| 07/06/95 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- |
| 10/11/95 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 | -- | -- | -- |

CONTINUED ON NEXT PAGE

Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

| DATE | Well Head Elev. | Ground Water Elev. | Depth To Water | Notes | TPH-Gasoline | Benzene | Toluene | Ethyl-Benzene | Xylene | MTBE | TPH-Diesel | TPH-Motor Oil | Total Oil & Grease |
|----------------------------|-----------------|--------------------|----------------|-------|--------------|---------|---------|---------------|--------|------|------------|---------------|--------------------|
| TRIP BLANK (CONT'D) | | | | | | | | | | | | | |
| 01/17/96 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- |
| 04/05/96 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 | -- | -- | -- |
| 07/23/96 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 | -- | -- | -- |
| 10/02/96 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- |
| 01/23/97 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 | -- | -- | -- |
| 04/01/97 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 | -- | -- | -- |
| 07/09/97 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 | -- | -- | -- |
| 10/07/97 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 | -- | -- | -- |

Note: Blaine Tech Services, Inc. began routine monitoring of the groundwater wells at this site on November 1, 1994.
 Earlier field data and analytical results are drawn from the November 23, 1994 Groundwater Technology, Inc. report.

ABBREVIATIONS:

TPH = Total Petroleum Hydrocarbons

MTBE = Methyl t-Butyl Ether

Analytical Appendix



| | | |
|--|--|---|
| Blaine Tech Services 1680 Rogers Avenue San Jose, CA 95112 | Client Proj. ID: Chevron 9-1583/971007-A2 Sample Descript: MW1 Matrix: LIQUID Analysis Method: 8015Mod/8020 Lab Number: 9710621-01 | Sampled: 10/07/97 Received: 10/08/97 Analyzed: 10/15/97 Reported: 10/20/97 |
| Attention: Fran Thie | | |

QC Batch Number: GC101597BTEX03A
Instrument ID: GCHP03

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

| Analyte | Detection Limit ug/L | Sample Results ug/L |
|-----------------------|-------------------------|------------------------|
| TPPH as Gas | 200 | 1100 |
| Methyl t-Butyl Ether | 10 | 250 |
| Benzene | 2.0 | 8.5 |
| Toluene | 2.0 | N.D. |
| Ethyl Benzene | 2.0 | N.D. |
| Xylenes (Total) | 2.0 | 2.0 |
| Chromatogram Pattern: | | Gas |
| Surrogates | Control Limits % | % Recovery |
| Trifluorotoluene | 70 130 | 123 |

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

SEQUOIA ANALYTICAL - ELAP #1210


Peggy Penner
Project Manager





| | | |
|--|--|---|
| Blaine Tech Services 1680 Rogers Avenue San Jose, CA 95112 | Client Proj. ID: Chevron 9-1583/971007-A2 Sample Descript: MW2 Matrix: LIQUID Analysis Method: 8015Mod/8020 Lab Number: 9710621-02 | Sampled: 10/07/97 Received: 10/08/97 Analyzed: 10/14/97 Reported: 10/20/97 |
| Attention: Fran Thie | | |

QC Batch Number: GC101497BTEX02A
Instrument ID: GCHP02

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

| Analyte | Detection Limit ug/L | Sample Results ug/L |
|-----------------------|-------------------------|------------------------|
| TPPH as Gas | 50 | N.D. |
| Methyl t-Butyl Ether | 2.5 | N.D. |
| Benzene | 0.50 | N.D. |
| Toluene | 0.50 | N.D. |
| Ethyl Benzene | 0.50 | N.D. |
| Xylenes (Total) | 0.50 | N.D. |
| Chromatogram Pattern: | | |
| Surrogates | Control Limits % | % Recovery |
| Trifluorotoluene | 70 130 | 106 |

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

SEQUOIA ANALYTICAL - ELAP #1210


Peggy Penner
Project Manager





| | | |
|--|--|---|
| Blaine Tech Services 1680 Rogers Avenue San Jose, CA 95112 | Client Proj. ID: Chevron 9-1583/971007-A2 Sample Descript: MW3 Matrix: LIQUID Analysis Method: 8015Mod/8020 Lab Number: 9710621-03 | Sampled: 10/07/97 Received: 10/08/97 Analyzed: 10/15/97 Reported: 10/20/97 |
|--|--|---|

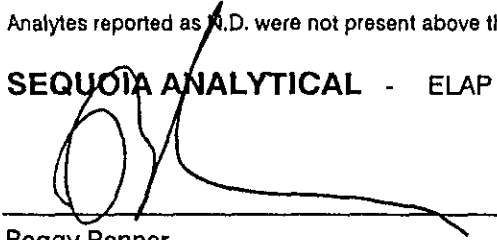
QC Batch Number: GC101597BTEX03A
Instrument ID: GCHP03

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

| Analyte | Detection Limit ug/L | Sample Results ug/L |
|-----------------------|-------------------------|------------------------|
| TPPH as Gas | 200 | 2400 |
| Methyl t-Butyl Ether | 10 | 900 |
| Benzene | 2.0 | 15 |
| Toluene | 2.0 | N.D. |
| Ethyl Benzene | 2.0 | 30 |
| Xylenes (Total) | 2.0 | 15 |
| Chromatogram Pattern: | | Gas |
| Surrogates | Control Limits % | % Recovery |
| Trifluorotoluene | 70 130 | 131 Q |

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

SEQUOIA ANALYTICAL - ELAP #1210



Peggy Penner
Project Manager





| | | |
|--|--|---|
| Blaine Tech Services 1680 Rogers Avenue San Jose, CA 95112 | Client Proj. ID: Chevron 9-1583/971007-A2 Sample Descript: MW4 Matrix: LIQUID Analysis Method: 8015Mod/8020 Lab Number: 9710621-04 | Sampled: 10/07/97 Received: 10/08/97 Analyzed: 10/14/97 Reported: 10/20/97 |
|--|--|---|

QC Batch Number: GC101497BTEX02A
Instrument ID: GCHP02

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

| Analyte | Detection Limit ug/L | Sample Results ug/L |
|-----------------------|-------------------------|------------------------|
| TPPH as Gas | 50 | N.D. |
| Methyl t-Butyl Ether | 2.5 | N.D. |
| Benzene | 0.50 | N.D. |
| Toluene | 0.50 | N.D. |
| Ethyl Benzene | 0.50 | N.D. |
| Xylenes (Total) | 0.50 | N.D. |
| Chromatogram Pattern: | | |
| Surrogates | Control Limits % | % Recovery |
| Trifluorotoluene | 70 130 | 91 |

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

SEQUOIA ANALYTICAL - ELAP #1210


Peggy Penner
Project Manager





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|--|--|---|
| Blaine Tech Services 1680 Rogers Avenue San Jose, CA 95112 | Client Proj. ID: Chevron 9-1583/971007-A2 Sample Descript: MW5 Matrix: LIQUID Analysis Method: 8015Mod/8020 Lab Number: 9710621-05 | Sampled: 10/07/97 Received: 10/08/97 Analyzed: 10/14/97 Reported: 10/20/97 |
| Attention: Fran Thie | | |

QC Batch Number: GC101497BTEX02A
Instrument ID: GCHP02

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

| Analyte | Detection Limit ug/L | Sample Results ug/L |
|-----------------------|-------------------------|------------------------|
| TPPH as Gas | 50 | N.D. |
| Methyl t-Butyl Ether | 2.5 | N.D. |
| Benzene | 0.50 | N.D. |
| Toluene | 0.50 | N.D. |
| Ethyl Benzene | 0.50 | N.D. |
| Xylenes (Total) | 0.50 | N.D. |
| Chromatogram Pattern: | | |
| Surrogates | Control Limits % | % Recovery |
| Trifluorotoluene | 70 130 | 94 |

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

SEQUOIA ANALYTICAL - ELAP #1210


Peggy Penner
Project Manager





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|--|--|---|
| Blaine Tech Services 1680 Rogers Avenue San Jose, CA 95112 | Client Proj. ID: Chevron 9-1583/971007-A2 Sample Descript: MW6 Matrix: LIQUID Analysis Method: 8015Mod/8020 Lab Number: 9710621-06 | Sampled: 10/07/97 Received: 10/08/97 Analyzed: 10/14/97 Reported: 10/20/97 |
| Attention: Fran Thie | | |

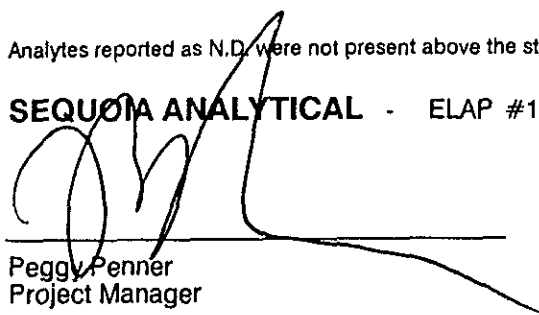
QC Batch Number: GC101497BTEX02A
Instrument ID: GCHP02

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

| Analyte | Detection Limit ug/L | Sample Results ug/L |
|-----------------------------|-----------------------------|------------------------|
| TPPH as Gas | 50 | N.D. |
| Methyl t-Butyl Ether | 5.0 | 640 |
| Benzene | 0.50 | N.D. |
| Toluene | 0.50 | N.D. |
| Ethyl Benzene | 0.50 | N.D. |
| Xylenes (Total) | 0.50 | N.D. |
| Chromatogram Pattern: | | |
| Surrogates | Control Limits % | % Recovery |
| Trifluorotoluene | 70 130 | 92 |

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

SEQUOIA ANALYTICAL - ELAP #1210



Peggy Penner
Project Manager





| | | |
|--|--|---|
| Blaine Tech Services 1680 Rogers Avenue San Jose, CA 95112 | Client Proj. ID: Chevron 9-1583/971007-A2 Sample Descript: MW7 Matrix: LIQUID Analysis Method: 8015Mod/8020 Lab Number: 9710621-07 | Sampled: 10/07/97 Received: 10/08/97 Analyzed: 10/14/97 Reported: 10/20/97 |
| Attention: Fran Thie | | |

QC Batch Number: GC101497BTEX02A
Instrument ID: GCHP02

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

| Analyte | Detection Limit ug/L | Sample Results ug/L |
|-----------------------|-------------------------|------------------------|
| TPPH as Gas | 50 | N.D. |
| Methyl t-Butyl Ether | 2.5 | 240 |
| Benzene | 0.50 | N.D. |
| Toluene | 0.50 | N.D. |
| Ethyl Benzene | 0.50 | N.D. |
| Xylenes (Total) | 0.50 | N.D. |
| Chromatogram Pattern: | | |
| Surrogates | Control Limits % | % Recovery |
| Trifluorotoluene | 70 130 | 89 |

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

SEQUOIA ANALYTICAL - ELAP #1210


Peggy Penner
Project Manager





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|--|--|--|
| Blaine Tech Services 1680 Rogers Avenue San Jose, CA 95112 | Client Proj. ID: Chevron 9-1583/971007-A2 Sample Descript: MW7 Matrix: LIQUID Analysis Method: EPA 8015 Mod Lab Number: 9710621-07 | Sampled: 10/07/97 Received: 10/08/97 Extracted: 10/14/97 Analyzed: 10/17/97 Reported: 10/20/97 |
|--|--|--|

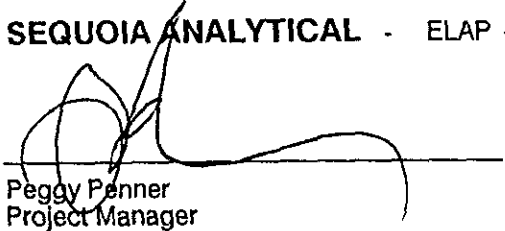
QC Batch Number: GC1014970HBPEXA
Instrument ID: GCHP5A

Fuel Fingerprint : Motor Oil

| Analyte | Detection Limit ug/L | Sample Results ug/L |
|--|-----------------------------|------------------------|
| Extractable HC as Motor Oil Chromatogram Pattern: | 500 | N.D. |
| Surrogates | Control Limits % | % Recovery |
| n-Pentacosane (C25) | 50 150 | 91 |

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

SEQUOIA ANALYTICAL - ELAP #1210



Peggy Penner
Project Manager





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|--|--|---|
| Blaine Tech Services 1680 Rogers Avenue San Jose, CA 95112 | Client Proj. ID: Chevron 9-1583/971007-A2 Sample Descript: MW8 Matrix: LIQUID Analysis Method: 8015Mod/8020 Lab Number: 9710621-08 | Sampled: 10/07/97 Received: 10/08/97 Analyzed: 10/14/97 Reported: 10/20/97 |
|--|--|---|

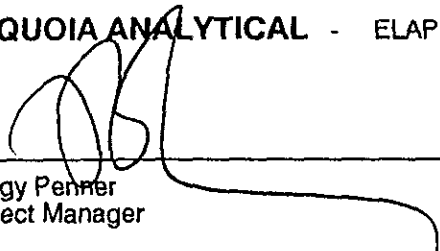
QC Batch Number: GC101497BTEX02A
Instrument ID: GCHP02

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

| Analyte | Detection Limit ug/L | Sample Results ug/L |
|-----------------------|-------------------------|------------------------|
| TPPH as Gas | 1000 | 3100 |
| Methyl t-Butyl Ether | 50 | 1400 |
| Benzene | 10 | N.D. |
| Toluene | 10 | N.D. |
| Ethyl Benzene | 10 | 67 |
| Xylenes (Total) | 10 | N.D. |
| Chromatogram Pattern: | | Gas |
| Surrogates | Control Limits % | % Recovery |
| Trifluorotoluene | 70 130 | 101 |

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

SEQUOIA ANALYTICAL - ELAP #1210


Peggy Penner
Project Manager





| | | |
|--|--|--|
| Blaine Tech Services 1680 Rogers Avenue San Jose, CA 95112 | Client Proj. ID: Chevron 9-1583/971007-A2 Sample Descript: MW8 Matrix: LIQUID Analysis Method: EPA 8015 Mod Lab Number: 9710621-08 | Sampled: 10/07/97 Received: 10/08/97 Extracted: 10/14/97 Analyzed: 10/17/97 Reported: 10/20/97 |
|--|--|--|

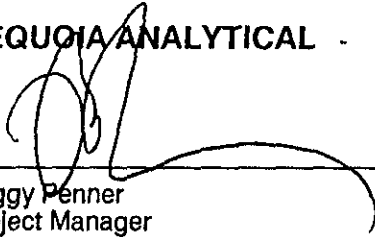
QC Batch Number: GC1014970HBPEXA
Instrument ID: GCHP5A

Fuel Fingerprint : Motor Oil

| Analyte | Detection Limit ug/L | Sample Results ug/L |
|--|--|-------------------------|
| Extractable HC as Motor Oil Chromatogram Pattern: | 500 | N.D. |
| Surrogates n-Pentacosane (C25) | Control Limits % 50 150 | % Recovery 90 |

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

SEQUOIA ANALYTICAL - ELAP #1210



Peggy Penner
Project Manager





| | | |
|--|---|---|
| Blaine Tech Services 1680 Rogers Avenue San Jose, CA 95112 | Client Proj. ID: Chevron 9-1583/971007-A2 Sample Descript: TB Matrix: LIQUID Analysis Method: 8015Mod/8020 Lab Number: 9710621-09 | Sampled: 10/07/97 Received: 10/08/97 Analyzed: 10/14/97 Reported: 10/20/97 |
|--|---|---|

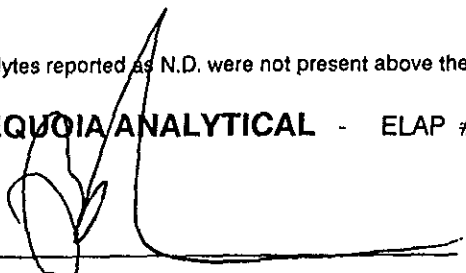
QC Batch Number: GC101497BTEX02A
Instrument ID: GCHP02

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

| Analyte | Detection Limit ug/L | Sample Results ug/L |
|-----------------------|-----------------------------|------------------------|
| TPPH as Gas | 50 | N.D. |
| Methyl t-Butyl Ether | 2.5 | N.D. |
| Benzene | 0.50 | N.D. |
| Toluene | 0.50 | N.D. |
| Ethyl Benzene | 0.50 | N.D. |
| Xylenes (Total) | 0.50 | N.D. |
| Chromatogram Pattern: | | |
| Surrogates | Control Limits % | % Recovery |
| Trifluorotoluene | 70 130 | 88 |

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

SEQUOIA ANALYTICAL - ELAP #1210



Peggy Renner
Project Manager





Blaine Tech Services, Inc.
1680 Rogers Ave.
San Jose, CA 95112
Attention: Fran Thie

Client Project ID: Chevron 9-1583 / 971007-A2
Matrix: Liquid

Work Order #: 9710621 -01, 03

Reported: Oct 22, 1997

QUALITY CONTROL DATA REPORT

| Analyte: | Benzene | Toluene | Ethyl Benzene | Xylenes | Gas |
|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| QC Batch#: | GC101597BTEX03A | GC101597BTEX03A | GC101597BTEX03A | GC101597BTEX03A | GC101597BTEX03A |
| Analy. Method: | EPA 8020 | EPA 8020 | EPA 8020 | EPA 8020 | EPA 8015M |
| Prep. Method: | EPA 5030 | EPA 5030 | EPA 5030 | EPA 5030 | EPA 5030 |

| | | | | | |
|-------------------|-------------|-------------|-------------|-------------|-------------|
| Analyst: | A. Miraftab | A. Miraftab | A. Miraftab | A. Miraftab | A. Miraftab |
| MS/MSD #: | 971062104 | 971062104 | 971062104 | 971062104 | 971062104 |
| Sample Conc.: | N.D. | N.D. | N.D. | N.D. | N.D. |
| Prepared Date: | 10/15/97 | 10/15/97 | 10/15/97 | 10/15/97 | 10/15/97 |
| Analyzed Date: | 10/15/97 | 10/15/97 | 10/15/97 | 10/15/97 | 10/15/97 |
| Instrument I.D.#: | GCHP3 | GCHP3 | GCHP3 | GCHP3 | GCHP3 |
| Conc. Spiked: | 10 µg/L | 10 µg/L | 10 µg/L | 30 µg/L | 60 µg/L |
| Result: | 9.1 | 8.9 | 8.8 | 25 | 70 |
| MS % Recovery: | 91 | 89 | 88 | 83 | 117 |
| Dup. Result: | 8.8 | 8.7 | 8.6 | 24 | 68 |
| MSD % Recov.: | 88 | 87 | 86 | 80 | 113 |
| RPD: | 3.4 | 2.3 | 2.3 | 4.1 | 2.9 |
| RPD Limit: | 0-25 | 0-25 | 0-25 | 0-25 | 0-25 |

| LCS #: | BLK101597 | BLK101597 | BLK101597 | BLK101597 | BLK101597 |
|-------------------|-----------|-----------|-----------|-----------|-----------|
| Prepared Date: | 10/15/97 | 10/15/97 | 10/15/97 | 10/15/97 | 10/15/97 |
| Analyzed Date: | 10/15/97 | 10/15/97 | 10/15/97 | 10/15/97 | 10/15/97 |
| Instrument I.D.#: | GCHP3 | GCHP3 | GCHP3 | GCHP3 | GCHP3 |
| Conc. Spiked: | 10 µg/L | 10 µg/L | 10 µg/L | 30 µg/L | 60 µg/L |
| LCS Result: | 9.0 | 8.9 | 8.8 | 24 | 69 |
| LCS % Recov.: | 90 | 89 | 88 | 80 | 115 |

| | | | | | |
|----------------|--------|--------|--------|--------|--------|
| MS/MSD | 60-140 | 60-140 | 60-140 | 60-140 | 60-140 |
| LCS | 70-130 | 70-130 | 70-130 | 70-130 | 70-130 |
| Control Limits | | | | | |

SEQUOIA ANALYTICAL

Peggy Renner
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

9710621.BLA <1>





Blaine Tech Services, Inc. Client Project ID: Chevron 9-1583 / 971007-A2
 1680 Rogers Ave. Matrix: Liquid
 San Jose, CA 95112
 Attention: Fran Thie Work Order #: 9710621-02, 04-09 Reported: Oct 22, 1997

QUALITY CONTROL DATA REPORT

| Analyte: | Benzene | Toluene | Ethyl Benzene | Xylenes | Gas |
|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| QC Batch#: | GC101497BTEX02A | GC101497BTEX02A | GC101497BTEX02A | GC101497BTEX02A | GC101497BTEX02A |
| Analy. Method: | EPA 8020 | EPA 8020 | EPA 8020 | EPA 8020 | EPA 8015M |
| Prep. Method: | EPA 5030 | EPA 5030 | EPA 5030 | EPA 5030 | EPA 5030 |

| | | | | | |
|-------------------|-------------|-------------|-------------|-------------|-------------|
| Analyst: | A. Miraftab | A. Miraftab | A. Miraftab | A. Miraftab | A. Miraftab |
| MS/MSD #: | 971069204 | 971069204 | 971069204 | 971069204 | 971069204 |
| Sample Conc.: | N.D. | N.D. | N.D. | N.D. | N.D. |
| Prepared Date: | 10/14/97 | 10/14/97 | 10/14/97 | 10/14/97 | 10/14/97 |
| Analyzed Date: | 10/14/97 | 10/14/97 | 10/14/97 | 10/14/97 | 10/14/97 |
| Instrument I.D.#: | GCHP2 | GCHP2 | GCHP2 | GCHP2 | GCHP2 |
| Conc. Spiked: | 10 µg/L | 10 µg/L | 10 µg/L | 30 µg/L | 60 µg/L |
| Result: | 10 | 9.7 | 9.9 | 30 | 65 |
| MS % Recovery: | 100 | 97 | 99 | 100 | 108 |
| Dup. Result: | 9.7 | 9.4 | 9.5 | 29 | 63 |
| MSD % Recov.: | 97 | 94 | 95 | 97 | 105 |
| RPD: | 3.0 | 3.1 | 4.1 | 3.4 | 3.1 |
| RPD Limit: | 0-25 | 0-25 | 0-25 | 0-25 | 0-25 |

| LCS #: | BLK101497 | BLK101497 | BLK101497 | BLK101497 | BLK101497 |
|-------------------|-----------|-----------|-----------|-----------|-----------|
| Prepared Date: | 10/14/97 | 10/14/97 | 10/14/97 | 10/14/97 | 10/14/97 |
| Analyzed Date: | 10/14/97 | 10/14/97 | 10/14/97 | 10/14/97 | 10/14/97 |
| Instrument I.D.#: | GCHP2 | GCHP2 | GCHP2 | GCHP2 | GCHP2 |
| Conc. Spiked: | 10 µg/L | 10 µg/L | 10 µg/L | 30 µg/L | 60 µg/L |
| LCS Result: | 10 | 9.7 | 9.7 | 30 | 64 |
| LCS % Recov.: | 100 | 97 | 97 | 100 | 107 |

| | | | | | |
|----------------|--------|--------|--------|--------|--------|
| MS/MSD | 60-140 | 60-140 | 60-140 | 60-140 | 60-140 |
| LCS | 70-130 | 70-130 | 70-130 | 70-130 | 70-130 |
| Control Limits | | | | | |

SEQUOIA ANALYTICAL

 Reggy Penner
 Project Manager

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





Blaine Tech Services, Inc.
1680 Rogers Ave.
San Jose, CA 95112
Attention: Fran Thie

Client Project ID: Chevron 9-1583 / 971007-A2
Matrix: Liquid

Work Order #: 9710621-07-08

Reported: Oct 22, 1997

QUALITY CONTROL DATA REPORT

Analyte: Diesel

QC Batch#: GC1014970HBPEXA
Analy. Method: EPA 8015M
Prep. Method: EPA 3510

Analyst: B. Sullivan
MS/MSD #: 971041804
Sample Conc.: N.D.
Prepared Date: 10/14/97
Analyzed Date: 10/16/97
Instrument I.D.#: GCHP4
Conc. Spiked: 1000 µg/L

Result: 1100
MS % Recovery: 110

Dup. Result: 1100
MSD % Recov.: 110

RPD: 0.0
RPD Limit: 0-50

LCS #: BLK101497

Prepared Date: 10/14/97
Analyzed Date: 10/15/97
Instrument I.D.#: GCHP4
Conc. Spiked: 1000 µg/L

LCS Result: 1000
LCS % Recov.: 100

MS/MSD 50-150
LCS 60-140
Control Limits

SEQUOIA ANALYTICAL

Feggy Renner
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

9710621.BLA <3>





Blaine Tech Services
1680 Rogers Avenue
San Jose, CA 95112
Attention: Fran Thie

Client Proj. ID: Chevron 9-1583/971007-A2

Received: 10/08/97

Lab Proj. ID: 9710621

Reported: 10/20/97

LABORATORY NARRATIVE

In order to properly interpret this report, it must be reproduced in its entirety. This report contains a total of 10 pages including the laboratory narrative, sample results, quality control, and related documents as required (cover page, COC, raw data, etc.).

TPPH Note: Sample 9710621-01 was diluted 4-fold.
Sample 9710621-03 was diluted 4-fold.
Sample 9710621-06 was diluted 1-fold and 2-fold.
Sample 9710621-08 was diluted 20-fold.

SEQUOIA ANALYTICAL

Peggy Penner
Project Manager



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

Chain-of-Custody-Record

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

Chevron Facility Number 9-1583
Facility Address 5509 Martin Luther King Jr. Way, Oakland, CA
Consultant Project Number 971007-AZ
Consultant Name Blaine Tech Services, Inc.
Address 1680 Rogers Ave., San Jose, CA 95112
Project Contact (Name) Fran Thie
(Phone) (408)573-0555 (Fax Number) (408)573-7771

Chevron Contact (Name) Phil Briggs
(Phone) (510) 842-9136
Laboratory Name Sequria
Laboratory Release Number 9034796
Samples Collected by (Name) Steve Allen
Collection Date 10-7-97
Signature _____

| Sample Number | Lab Sample Number | Number of Containers | Matrix S = Soil W = Water A = Air C = Charcoal | Type G = Grab C = Composite D = Discrete | Time | Sample Preservation | Iced (Yes or No) | Analysis To Be Performed <u>9710621</u> | | | | | | | | | | | | | | |
|---------------|-------------------|----------------------|--|---|------|---------------------|------------------|---|----------------------|--------------------------|---------------------------------|-------------------------------|------------------------------|--------------------------------|--|-----------|--|--|--|--|--|--|
| | | | | | | | | BTEX + TPH GAS (8020 + 8015) | TPH Diesel (8015) | Oil and Grease (5520) | Purgeable Halocarbons (8010) | Purgeable Aromatics (8020) | Purgeable Organics (8240) | Extractable Organics (8270) | Metals Cd, Cr, Pb, Zn, Ni (ICAP or AA) | MOTIC OIL | | | | | | |
| MW1 | 01 | 3 | W | | 1354 | HC | Y | X | | | | | | | | | | | | | | |
| MW2 | 02 | 3 | | | 1210 | | | X | | | | | | | | | | | | | | |
| MW3 | 03 | 3 | | | 1147 | | | X | | | | | | | | | | | | | | |
| MW4 | 04 | 3 | | | 1230 | | | X | | | | | | | | | | | | | | |
| MW5 | 05 | 3 | | | 1255 | | | X | | | | | | | | | | | | | | |
| MW6 | 06 | 3 | | | 1315 | | | X | | | | | | | | | | | | | | |
| MW7 | 07 | 5 | | | 1335 | | | X | | | | | | | | | | | | | | |
| MW8 | 08 | 5 | | | 1420 | | | X | | | | | | | | | | | | | | |
| TB | 09 | 3 | 2 | | | | | X | | | | | | | | | | | | | | |

DO NOT BILL FOR TB-LB

Remarks

0847

| | | | | | |
|---|--------------------------------|-------------------------------|--|--------------------------------|-------------------------------|
| Relinquished By (Signature) <u>ETL</u> | Organization | Date/Time <u>10/8 2:50</u> | Received By (Signature) <u>Ray</u> | Organization <u>Seq. An</u> | Date/Time <u>10/8/2:50</u> |
| Relinquished By (Signature) <u>Ray</u> | Organization <u>Seq. An</u> | Date/Time | Received By (Signature) | Organization | Date/Time |
| Relinquished By (Signature) | Organization | Date/Time | Received For Laboratory By (Signature) | Organization | Date/Time |

Turn Around Time (Circle Choice)

- 24 Hrs.
- 48 Hrs.
- 5 Days
- 10 Days
- As Contracted

HCH 10 50

Field Data Sheets

CHEVRON WELL MONITORING DATA SHEET

| | |
|---|---|
| Project #: <u>971007-12</u> | Station #: <u>9-1583</u> |
| Sampler: <u>SA</u> | Date: <u>10-7-97</u> |
| Well I.D.: <u>MW1</u> | Well Diameter: 2 <input checked="" type="radio"/> 4 <input type="radio"/> 6 <input type="radio"/> 8 <input type="radio"/> |
| Total Well Depth: <u>19.50</u> | Depth to Water: <u>10.69</u> |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: <input checked="" type="radio"/> PVC <input type="radio"/> Grade | D.O. Meter (if req'd): YSI <input type="checkbox"/> HACH <input type="checkbox"/> |

| 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: <input type="checkbox"/> Bailer <input type="checkbox"/> Disposable Bailer <input type="checkbox"/> Middleburg <input checked="" type="checkbox"/> Electric Submersible <input type="checkbox"/> Extraction Pump Other: _____ | Sampling Method: <input type="checkbox"/> Bailer <input checked="" type="checkbox"/> Disposable Bailer <input type="checkbox"/> Extraction Port Other: _____ |
|--|---|

| | | | | | |
|-----------------------|---|-------------------|---|-------------------|-------|
| <u>6.1</u> | x | <u>3</u> | = | <u>18.3</u> | Gals. |
| 1 Case Volume (Gals.) | | Specified Volumes | | Calculated Volume | |

| Time | Temp (°F) | pH | Cond. | Gals. Removed | Observations |
|-------------|-------------|------------|------------|---------------|--------------|
| <u>1346</u> | <u>69.2</u> | <u>6.8</u> | <u>800</u> | <u>6.1</u> | |
| <u>1348</u> | <u>68.7</u> | <u>6.8</u> | <u>740</u> | <u>12.2</u> | |
| <u>1350</u> | <u>68.5</u> | <u>6.8</u> | <u>730</u> | <u>18.3</u> | |
| | | | | | |
| | | | | | |

| | |
|---|---|
| Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | Gallons actually evacuated: <u>18.3</u> |
| Sampling Time: <u>1354</u> | Sampling Date: <u>10-7-97</u> |
| Sample I.D.: <u>MW1</u> | Laboratory: <input checked="" type="radio"/> Sequoia <input type="checkbox"/> GTEL N. Creek Assoc. Labs |
| Analyzed for: <input checked="" type="checkbox"/> TPH-G <input type="checkbox"/> BTEX <input type="checkbox"/> MTBE <input type="checkbox"/> 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 #: 97/007-A2 | Station #: 9-1583 |
| Sampler: SA | Date: 10-7-97 |
| Well I.D.: MW2 | Well Diameter: 2 3 4 6 8 _____ |
| Total Well Depth: 10.71 | Depth to Water: 10.96 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: <u>PVC</u> Grade | D.O. Meter (if req'd): YSI HACH |

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

| | |
|--|---|
| Purge Method: Bailer Disposable Bailer <input checked="" type="checkbox"/> Middleburg Electric Submersible <input checked="" type="checkbox"/> Extraction Pump Other: _____ | Sampling Method: Bailer Disposable Bailer <input checked="" type="checkbox"/> Extraction Port Other: _____ |
|--|---|

| | | | | | |
|-----------------------|---|-------------------|---|-------------------|-------|
| 3.8 | x | 3 | = | 19.4 | Gals. |
| 1 Case Volume (Gals.) | | Specified Volumes | | Calculated Volume | |

| Time | Temp (°F) | pH | Cond. | Gals. Removed | Observations |
|------|-----------|-----|-------|---------------|--------------|
| 1203 | 73.6 | 7.2 | 480 | 3.8 | |
| 1204 | 72.4 | 6.9 | 300 | 7.6 | |
| 1205 | 72.0 | 6.9 | 300 | 11.4 | |
| | | | | | |
| | | | | | |

Did well dewater? Yes Gallons actually evacuated: 11.4

Sampling Time: 1210 Sampling Date: 10-7-97

Sample I.D.: MW2 Laboratory: Sequoia GTEL N. Creek Assoc. Labs

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

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

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

CHEVRON WELL MONITORING DATA SHEET

| | |
|--------------------------------|---|
| Project #: <u>971607-AZ</u> | Station #: <u>9-1583</u> |
| Sampler: <u>SA</u> | Date: <u>10-7-97</u> |
| Well I.D.: <u>MW 3</u> | Well Diameter: 2 <input type="radio"/> 3 <input checked="" type="radio"/> 4 <input type="radio"/> 6 <input type="radio"/> 8 <input type="radio"/> _____ |
| Total Well Depth: <u>19.52</u> | Depth to Water: <u>12.11</u> |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: <u>VE</u> Grade | D.O. Meter (if req'd): YSI HACH |

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

| | |
|--|--|
| Purge Method: | Sampling Method: |
| <input type="checkbox"/> Bailer <input type="checkbox"/> Disposable Bailer <input type="checkbox"/> Middleburg <input checked="" type="checkbox"/> Electric Submersible <input type="checkbox"/> Extraction Pump Other: _____ | <input type="checkbox"/> Bailer <input checked="" type="checkbox"/> Disposable Bailer <input type="checkbox"/> Extraction Port Other: _____ |

| | | | | | |
|-----------------------|---|-------------------|---|-------------------|-------|
| <u>3.7</u> | x | <u>3</u> | = | <u>11.1</u> | Gals. |
| 1 Case Volume (Gals.) | | Specified Volumes | | Calculated Volume | |

| Time | Temp (°F) | pH | Cond. | Gals. Removed | Observations |
|-------------|-------------|------------|------------|---------------|--------------|
| <u>1441</u> | <u>72.0</u> | <u>6.4</u> | <u>640</u> | <u>3.7</u> | |
| <u>1442</u> | <u>71.5</u> | <u>6.5</u> | <u>630</u> | <u>7.4</u> | |
| <u>1443</u> | <u>71.0</u> | <u>6.5</u> | <u>620</u> | <u>11.1</u> | |
| | | | | | |
| | | | | | |

| | |
|---|--|
| Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | Gallons actually evacuated: <u>11.1</u> |
| Sampling Time: <u>1447</u> | Sampling Date: <u>10-7-97</u> |
| Sample I.D.: <u>MW 3</u> | Laboratory: <u>Sequoia</u> GTEL N. Creek Assoc. Labs |
| Analyzed for: <u>TPH-G BTEX MTBE</u> TPH-D Other: | |
| Duplicate I.D.: | Analyzed for: TPH-G BTEX MTBE TPH-D Other: |
| D.O. (if req'd): | Pre-purge: mg/L |
| O.R.P. (if req'd): | Pre-purge: mV |
| | Post-purge: mg/L |
| | Post-purge: mV |

CHEVRON WELL MONITORING DATA SHEET

| | |
|---------------------------------|-----------------------------------|
| Project #: 971007-AZ | Station #: 9-1583 |
| Sampler: SA | Date: 10-7-97 |
| Well I.D.: MW4 | Well Diameter: ② 3 4 6 8 |
| Total Well Depth: 2499 | Depth to Water: 13.74 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: <u>IVC</u> Grade | D.O. Meter (if req'd): YSI HACH |

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

| | |
|--|---|
| Purge Method: Bailer Disposable Bailer <input checked="" type="checkbox"/> Middleburg Electric Submersible Extraction Pump Other: _____ | Sampling Method: Bailer Disposable Bailer <input checked="" type="checkbox"/> Extraction Port Other: _____ |
|--|---|

| | | | | | |
|-----------------------|---|-------------------|---|-------------------|-------|
| <u>1.8</u> | x | <u>3</u> | = | <u>5.4</u> | Gals. |
| 1 Case Volume (Gals.) | | Specified Volumes | | Calculated Volume | |

| Time | Temp (°F) | pH | Cond. | Gals. Removed | Observations |
|------|-----------|-----|-------|---------------|--------------|
| 1223 | 70.0 | 7.4 | 810 | 1.8 | |
| 1225 | 68.6 | 7.2 | 800 | 3.6 | |
| 1227 | 68.4 | 7.2 | 800 | 5.4 | |
| | | | | | |
| | | | | | |

| | |
|--|--|
| Did well dewater? Yes <input checked="" type="checkbox"/> No | Gallons actually evacuated: <u>5.4</u> |
| Sampling Time: 1230 | Sampling Date: 10-7-97 |
| Sample I.D.: MW4 | Laboratory: <u>Sequoyia</u> GTEL N. Creek Assoc. Labs |
| Analyzed for: <u>TPH-G BTEX MTBE</u> 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 #: <u>971007-AZ</u> | Station #: <u>9-1583</u> |
| Sampler: <u>SA</u> | Date: <u>10-7-97</u> |
| Well I.D.: <u>MW5</u> | Well Diameter: <u>②</u> 3 4 6 8 ____ |
| Total Well Depth: <u>19.40</u> | Depth to Water: <u>9.81</u> |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: <u>PVE</u> Grade | D.O. Meter (if req'd): YSI HACH |

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

Purge Method: Bailer Sampling Method: Bailer
Disposable Bailer X Disposable Bailer X
Middleburg Extraction Port
Electric Submersible Other: _____
Extraction Pump
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 |
|------|-----------|-----|-------|---------------|--------------|
| 1247 | 70.6 | 6.8 | 770 | 1.6 | |
| 1249 | 70.0 | 6.8 | 700 | 3.2 | |
| 1251 | 69.7 | 6.8 | 700 | 4.8 | |
| | | | | | |
| | | | | | |

Did well dewater? Yes No Gallons actually evacuated: 4.8

Sampling Time: 1255 Sampling Date: 10-7-97

Sample I.D.: MW5 Laboratory: Sequoia GTEL N. Creek Assoc. Labs

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

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

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

CHEVRON WELL MONITORING DATA SHEET

| | |
|--|--|
| Project #: 971007-AZ | Station #: 9-1583 |
| Sampler: SA | Date: 10-7-97 |
| Well I.D.: MW 6 | Well Diameter: <input checked="" type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 6 <input type="radio"/> 8 _____ |
| Total Well Depth: 19.90 | Depth to Water: 8.89 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: <input checked="" type="radio"/> 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 <input checked="" type="checkbox"/> Middleburg Electric Submersible Extraction Pump Other: _____ | Sampling Method: Bailer Disposable Bailer <input checked="" type="checkbox"/> 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 |
|------|-----------|-----|-------|---------------|--------------|
| 1307 | 68.4 | 6.0 | 700 | 1.7 | |
| 1309 | 68.6 | 6.2 | 710 | 3.4 | |
| 1311 | 68.2 | 6.2 | 720 | 5.1 | |
| | | | | | |
| | | | | | |

| | |
|--|---|
| Did well dewater? Yes <input checked="" type="checkbox"/> <input type="checkbox"/> | Gallons actually evacuated: 5.1 |
| Sampling Time: 1315 | Sampling Date: 10-7-97 |
| Sample I.D.: MW 6 | Laboratory: <input checked="" type="radio"/> Sequoia GTEL N. Creek Assoc. Labs |
| Analyzed for: <input checked="" type="checkbox"/> TPH-G <input checked="" type="checkbox"/> BTEX <input checked="" type="checkbox"/> MTBE <input type="checkbox"/> 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 #: 971007-AZ | Station #: 9-1583 |
| Sampler: SA | Date: 10-7-97 |
| Well I.D.: MW 7 | Well Diameter: <input checked="" type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 6 <input type="radio"/> 8 <input type="checkbox"/> _____ |
| Total Well Depth: 19.58 | Depth to Water: 12.92 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: <input checked="" type="radio"/> PVC <input type="radio"/> 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 <input checked="" type="checkbox"/> Middleburg Electric Submersible Extraction Pump Other: _____ | Sampling Method: Bailer Disposable Bailer <input checked="" type="checkbox"/> Extraction Port Other: _____ |
|---|--|

| | | | | | |
|-----------------------|---|-------------------|---|-------------------|-------|
| <u>1.8</u> | x | <u>3</u> | = | <u>5.4</u> | Gals. |
| 1 Case Volume (Gals.) | | Specified Volumes | | Calculated Volume | |

| Time | Temp (°F) | pH | Cond. | Gals. Removed | Observations |
|------|-----------|-----|-------|---------------|--------------|
| 1325 | 68.6 | 6.5 | 810 | 1.8 | |
| 1327 | 70.2 | 6.7 | 800 | 3.6 | |
| 1329 | 69.9 | 6.8 | 800 | 5.4 | |
| | | | | | |
| | | | | | |

| | |
|--|---|
| Did well dewater? Yes <input checked="" type="checkbox"/> | Gallons actually evacuated: <u>5.4</u> |
| Sampling Time: <u>1335</u> | Sampling Date: <u>10-7-97</u> |
| Sample I.D.: <u>MW 7</u> | Laboratory: Sequoia GTEL N. Creek Assoc. Labs |

| | | | | |
|---|---|------|-------------|------|
| Analyzed for: <input checked="" type="checkbox"/> TPH-G <input checked="" type="checkbox"/> BTEX <input checked="" type="checkbox"/> MTBE <input type="checkbox"/> TPH-D Other: <u>MOTOR OIL</u> | 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 #: 971067-AZ | Station #: 9-1583 |
| Sampler: SA | Date: 10-7-97 |
| Well I.D.: MW8 | Well Diameter: \varnothing 3 4 6 8 |
| Total Well Depth: 19.41 | Depth to Water: 12.16 |
| 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 <input checked="" type="checkbox"/> Middleburg Electric Submersible Extraction Pump Other: _____ | Sampling Method: Bailer Disposable Bailer <input checked="" type="checkbox"/> Extraction Port Other: _____ |
|--|---|

| | | | | | |
|-----------------------|---|-------------------|---|-------------------|-------|
| 1.1 | x | 3 | = | 3.3 | Gals. |
| 1 Case Volume (Gals.) | | Specified Volumes | | Calculated Volume | |

| Time | Temp (°F) | pH | Cond. | Gals. Removed | Observations |
|------|-----------|-----|-------|---------------|--------------|
| 1414 | 68.6 | 7.2 | 820 | 1.1 | |
| 1416 | 68.8 | 6.8 | 810 | 2.2 | |
| 1418 | 68.4 | 6.7 | 800 | 3.3 | |
| | | | | | |
| | | | | | |

Did well dewater? Yes No Gallons actually evacuated: 3.3

Sampling Time: 1420 Sampling Date: 10-7-97

Sample I.D.: MW8 Laboratory: Sequoia GTEL N. Creek Assoc. Labs

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

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 |
|--------------------|------------|----|-------------|----|