



January 23, 1995

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

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

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

**Re: Former Chevron Service Station #9-0020**  
**1633 Harrison Street, Oakland, CA**

Dear Ms. Eberle:

Enclosed is the 4th Quarter 1994 Groundwater Monitoring report dated January 5, 1995, prepared by our consultant Blaine Tech Services, Inc. for the above referenced site. As indicated in the report, ground water samples collected were analyzed for total petroleum hydrocarbons as gasoline (TPH-G), and BTEX. Monitor well MW-7 could not be sampled due to remediation equipment in the well. Per prior agreement between Chevron and Alameda County Health Care Services, monitor wells MW-5, MW-6, MW-8, MW-11, MW-12, and MW-14 were not sampled.

Benzene was detected in monitor wells MW-13 and MW-16 at concentrations of 36, and 300 ppb, respectively. Depth to ground water was measured at approximately 19.6 feet to 21.3 feet below grade and the direction of flow is to the east-northeast.

Concentrations detected in monitor well MW-16 have increased for three consecutive quarters. The cause of the increased concentrations is unknown at this time as concentrations in all other downgradient wells appear to be stable or below method detection limits. As previously discussed, I am forwarding copies of aerial photos depicting the location of a former service station facility at the northeast corner of the intersection of Harrison and 17th Streets.

We look forward to discussing this site and our Comprehensive Site Review and Proposed Further Action Plan with you on January 26, 1995.

If you have any questions or comments, please do not hesitate to contact me at (510) 842-8134.

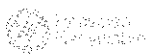
Sincerely,  
CHEVRON U.S.A. PRODUCTS COMPANY

Mark A. Miller  
Site Assessment and Remediation Engineer

Enclosure

cc: Ms. B.C. Owen

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11:07 AM  
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January 23, 1995  
Former SS#9-0020

The Oakland Housing Authority  
Attn.: Mr. Harold Davis  
1619 Harrison Street  
Oakland, CA 94612

File: 9-0020 QM6





# BLAINE TECH SERVICES INC.

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

January 5, 1995

Mark Miller  
Chevron U.S.A. Products Company  
2410 Camino Ramon  
San Ramon, CA 94583-0804

## 4th Quarter 1994 Monitoring at 9-0020

Fourth Quarter 1994 Groundwater Monitoring at  
Chevron Service Station Number 9-0020  
1633 Harrison Street  
Oakland, CA

Monitoring Performed on November 30, 1994

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### Groundwater Sampling Report 941130-K-1

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

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

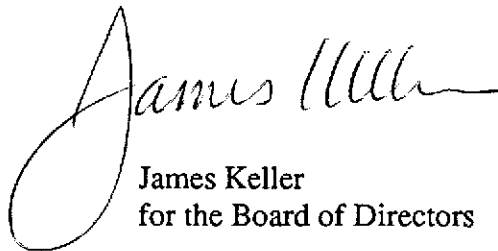
Basic field information is presented alongside analytical values excerpted from the laboratory report in the cumulative table of **WELL DATA AND ANALYTICAL RESULTS**. The full analytical report for the most recent samples is located in the **Analytical Appendix**. The table also contains new groundwater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

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

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

Please call if you have any questions.

Yours truly,

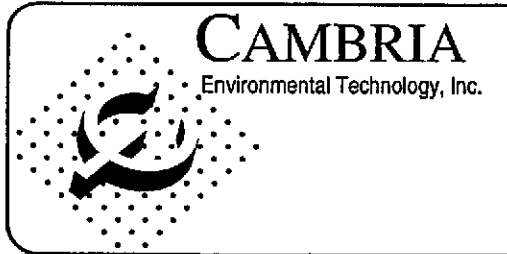
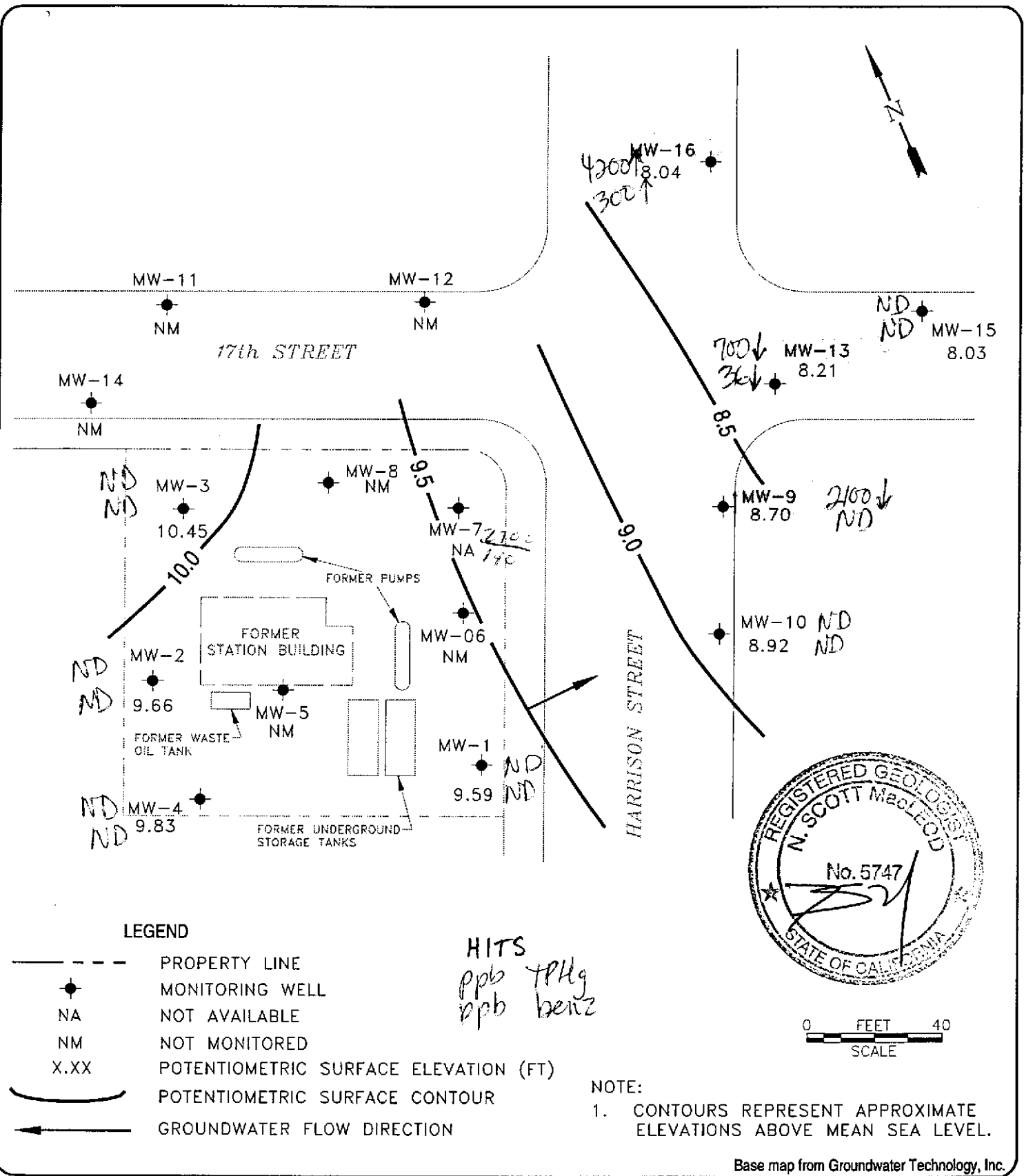


James Keller  
for the Board of Directors

JPK/dk

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

# **Professional Engineering Appendix**



Chevron Station 9-0020  
1633 Harrison Street  
Oakland, California

\\CHEVRON\9-0020\0020-QM(4C94).DWG

Ground Water Elevation  
November 30, 1994

FIGURE  
**1**

# **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	TOG
<b>MW-1</b>										
11/03/88	29.82	9.42	20.40	--	<1000	<1.0	<1.0	<1.0	<1.0	--
02/02/89	29.82	9.11	20.71	--	--	--	--	--	--	--
02/10/89	29.82	--	--	--	<100	<0.2	<0.2	<0.2	<0.4	--
04/23/89	29.82	9.48	20.34	--	--	--	--	--	--	--
04/24/89	29.82	--	--	--	<50	<0.5	<1.0	<1.0	<1.0	<3000
07/28/89	29.82	9.24	20.58	--	<50	<0.1	<0.5	<0.2	<0.5	<3000
10/30/89	29.82	9.30	20.52	--	<500	<0.3	<0.3	<0.3	<0.6	--
01/09/90	29.82	9.05	20.77	--	<50	<0.3	<0.3	<0.3	<0.6	--
04/18/90	29.82	8.87	20.95	--	<50	<0.3	<0.3	<0.3	<0.6	--
06/22/90	29.82	8.82	21.00	--	--	--	--	--	--	--
08/09/90	29.82	8.88	20.94	--	<50	<0.3	<0.3	<0.3	<0.6	--
11/13/90	29.82	8.84	20.98	--	<50	<0.5	<0.5	<0.5	<0.5	--
05/15/91	29.82	9.18	20.64	--	<50	<0.5	<0.5	<0.5	<0.5	--
08/27/91	29.82	9.03	20.79	--	110	<0.5	<0.5	<0.5	<0.5	--
11/15/91	29.82	9.07	20.75	--	<50	<0.5	<0.5	<0.5	<0.5	--
02/20/92	29.82	8.92	20.90	--	<50	0.5	0.6	<0.5	0.9	--
06/15/92	29.82	9.18	20.64	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/16/92	29.82	8.98	20.84	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/07/93	29.82	9.91	19.91	--	<50	<0.5	<0.5	<0.5	<1.5	--
06/09/93	29.82	9.97	19.85	--	--	--	--	--	--	--
09/10/93	29.82	--	--	--	--	--	--	--	--	--
09/27/93	29.82	9.47	20.35	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/17/93	29.82	9.14	20.68	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/10/94	29.82	9.25	20.57	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/16/94	29.82	9.27	20.55	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/07/94	29.82	9.13	20.69	--	<50	<0.5	<0.5	<0.5	<0.5	--
11/30/94	29.82	9.59	20.23	--	<50	<0.5	<0.5	<0.5	<0.5	--

## 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	TOG
<b>MW-2</b>										
11/03/88	30.59	9.70	20.89	--	<1000	<1.0	<1.0	<1.0	<1.0	--
02/02/89	30.59	9.38	21.21	--	--	--	--	--	--	--
02/10/89	30.59	--	--	--	<100	<0.2	<0.2	<0.2	<0.4	--
04/23/89	30.59	9.77	20.82	--	--	--	--	--	--	--
04/24/89	30.59	--	--	--	<50	<0.5	<1.0	<1.0	<1.0	<3000
07/28/89	30.59	9.57	21.02	--	<100	<0.2	<1.0	<0.2	<0.5	<3000
10/30/89	30.59	9.63	20.96	--	<500	<0.3	<0.3	<0.3	<0.6	--
01/09/90	30.59	9.34	21.25	--	<50	<0.3	<0.3	<0.3	<0.6	--
04/18/90	30.59	9.06	21.53	--	<50	<0.3	<0.3	<0.3	<0.6	--
06/22/90	30.59	9.02	21.57	--	--	--	--	--	--	--
08/09/90	30.59	9.04	21.55	--	<50	<0.3	<0.3	<0.3	<0.6	--
11/13/90	30.59	9.05	21.54	--	<50	<0.5	0.8	<0.5	0.9	--
05/15/91	30.59	9.44	21.15	--	83	<0.5	<0.5	<0.5	<0.5	--
08/27/91	30.59	9.32	21.27	--	97	<0.5	<0.5	<0.5	<0.5	--
11/15/91	30.59	9.29	21.30	--	<50	0.5	1.5	0.8	3.6	--
02/20/92	30.59	9.13	21.43	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/15/92	30.59	9.41	21.18	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/16/92	30.56	9.09	21.47	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/07/93	30.56	10.03	20.53	--	66	<0.5	<0.5	<0.5	<1.5	--
06/09/93	30.56	10.11	20.45	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/10/93	30.56	--	--	--	--	--	--	--	--	--
09/27/93	30.56	9.59	20.97	--	--	--	--	--	--	--
12/17/93	30.56	9.25	21.31	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/10/94	30.56	9.33	21.23	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/16/94	30.56	9.35	21.21	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/07/94	30.56	9.22	21.34	--	<50	<0.5	<0.5	<0.5	<0.5	--
11/30/94	30.56	9.66	20.90	--	<50	<0.5	<0.5	<0.5	<0.5	--

## 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	TOG
<b>MW-3</b>										
11/03/88	30.09	9.55	20.54	--	<1000	<1.0	<1.0	<1.0	<1.0	--
02/02/89	30.09	9.24	20.85	--	--	--	--	--	--	--
02/10/89	30.09	--	--	--	<100	<0.2	<0.2	<0.2	<0.4	--
04/23/89	30.09	9.66	20.43	--	--	--	--	--	--	--
04/24/89	30.09	--	--	--	<50	<0.5	<1.0	<1.0	<1.0	<3000
07/28/89	30.09	9.45	20.64	--	<100	<0.2	<1.0	<0.2	<0.4	<3000
10/30/89	30.09	9.48	20.61	--	<500	<0.3	<0.3	<0.3	<0.6	--
01/09/90	30.09	9.21	20.88	--	<50	<0.3	<0.3	<0.3	<0.6	--
04/18/90	30.09	8.94	21.15	--	<50	<0.3	<0.3	<0.3	<0.6	--
06/22/90	30.09	8.89	21.20	--	--	--	--	--	--	--
08/09/90	30.09	8.91	21.18	--	<50	<0.3	<0.3	<0.3	<0.6	--
11/13/90	30.09	8.94	21.15	--	51	<0.5	<0.5	<0.5	<0.5	--
05/15/91	30.09	9.18	20.91	--	85	<0.5	<0.5	<0.5	<0.5	--
08/27/91	30.09	9.20	20.89	*	91	<0.5	<0.5	<0.5	<0.5	--
11/15/91	30.09	9.07	21.02	--	<50	<0.5	0.7	<0.5	1.3	--
02/20/92	30.09	9.02	21.07	--	<50	<0.5	<0.5	<0.5	0.9	--
06/15/92	30.09	9.27	20.82	--	50	<0.5	<0.5	<0.5	<0.5	--
12/16/92	30.08	9.07	21.07	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/07/93	30.08	9.95	20.13	--	<50	<0.5	<0.5	<0.5	<1.5	--
06/09/93	30.08	10.03	20.05	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/10/93	30.08	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/27/93	30.08	9.50	20.58	--	--	--	--	--	--	--
12/17/93	30.08	9.07	21.01	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/10/94	30.08	9.22	20.86	--	<50	<0.5	<0.5	<0.5	1.1	--
06/16/94	30.08	9.21	20.87	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/07/94	30.08	9.11	20.97	--	<50	<0.5	<0.5	<0.5	<0.5	--
11/30/94	30.08	10.45	19.63	--	<50	<0.5	<0.5	<0.5	<0.5	--

\* See Table 2 of Additional Analyses.

## 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	TOG
<b>MW-4</b>										
04/23/89	31.17	9.84	21.33	--	--	--	--	--	--	--
04/24/89	31.17	--	--	--	<50	<0.5	<1.0	<1.0	<1.0	<3000
07/28/89	31.17	9.59	21.58	--	<50	<0.1	<0.5	<0.1	<0.2	<3000
10/30/89	31.17	9.63	21.54	--	<500	<0.3	<0.3	<0.3	<0.6	--
01/09/90	31.17	9.35	21.82	--	<50	<0.3	<0.3	<0.3	<0.6	--
04/18/90	31.17	9.08	22.09	--	<50	<0.3	<0.3	<0.3	<0.6	--
06/22/90	31.17	9.05	22.12	--	--	--	--	--	--	--
08/09/90	31.17	9.06	22.11	--	<50	<0.3	<0.3	<0.3	<0.6	--
11/13/90	31.17	9.07	22.10	--	<50	<0.5	1.0	0.5	1.0	--
05/15/91	31.17	9.46	21.71	--	<50	<0.5	<0.5	<0.5	<0.5	--
08/27/91	31.17	9.30	21.87	--	<50	<0.5	<0.5	<0.5	<0.5	--
11/15/91	31.17	9.37	21.80	--	97	<0.5	0.9	<0.5	1.9	--
02/20/92	31.17	9.18	21.99	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/15/92	31.17	9.43	21.74	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/16/92	31.17	9.12	22.05	--	<50	0.7	0.5	0.5	1.3	--
04/07/93	31.17	10.06	21.11	--	<50	<0.5	<0.5	<0.5	<1.5	--
06/09/93	31.17	--	--	--	--	--	--	--	--	--
09/10/93	31.17	--	--	--	--	--	--	--	--	--
09/27/93	31.17	9.63	21.54	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/17/93	31.17	9.28	21.89	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/10/94	31.17	--	--	--	--	--	--	--	--	--
06/16/94	31.17	10.63	20.54	--	--	--	--	--	--	--
09/07/94	31.17	9.27	21.90	--	<50	<0.5	<0.5	<0.5	<0.5	--
11/30/94	31.17	9.83	21.34	--	<50	<0.5	<0.5	<0.5	<0.5	--

## 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	TOG
<b>MW-5</b>										
04/23/89	30.28	9.66	20.62	--	--	--	--	--	--	--
04/24/89	30.28	--	--	--	<50	<0.5	<1.0	<1.0	<1.0	<3000
07/28/89	30.28	9.42	20.86	--	<100	<0.2	<1.0	<0.2	<0.4	<3000
10/30/89	30.28	9.46	20.82	--	<500	<0.3	<0.3	<0.3	<0.6	--
01/09/90	30.28	9.21	21.07	--	<50	<0.3	<0.3	<0.3	<0.6	--
04/18/90	30.28	8.93	21.35	--	<50	<0.3	<0.3	<0.3	<0.6	--
06/22/90	30.28	8.90	21.38	--	--	--	--	--	--	--
08/09/90	30.28	8.92	21.36	--	<50	<0.3	<0.3	<0.3	<0.6	--
11/13/90	30.28	8.93	21.35	--	<50	<0.5	1.0	<0.5	1.0	--
05/15/91	30.28	8.99	21.29	--	<50	<0.5	<0.5	<0.5	<0.5	--
08/27/91	30.28	9.17	21.11	--	94	3.0	5.0	1.5	5.5	--
11/15/91	30.28	9.10	21.18	--	<50	0.9	1.7	<0.5	2.2	--
02/20/92	30.28	9.03	21.25	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/15/92	30.28	9.28	21.00	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/16/92	30.28	9.05	21.23	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/07/93	30.28	9.97	20.31	--	<50	<0.5	<0.5	<0.5	<1.5	--
06/09/93	30.28	--	--	--	--	--	--	--	--	--
09/10/93	30.28	--	--	--	--	--	--	--	--	--
09/27/93	30.28	9.52	20.76	--	--	--	--	--	--	--

MONITORING SUSPENDED

## 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	TOG
<b>MW-6</b>										
04/23/89	29.46	9.41	20.05	--	--	--	--	--	--	--
04/24/89	29.46	--	--	--	<50	<0.5	<1.0	<1.0	<1.0	<3.0
07/28/89	29.46	9.16	20.30	--	<100	<0.2	<1.0	<0.2	<0.4	<3.0
10/30/89	29.46	9.14	20.32	--	<500	<0.3	<0.3	<0.3	<0.6	--
01/09/90	29.46	8.95	20.51	--	<50	<0.3	<0.3	<0.3	<0.6	--
04/18/90	29.46	8.74	20.72	--	<50	<0.3	<0.3	<0.3	<0.6	--
06/22/90	29.46	8.69	20.77	--	--	--	--	--	--	--
08/09/90	29.46	8.72	20.74	--	<50	<0.3	<0.3	<0.3	<0.6	--
11/13/90	29.46	8.71	20.75	--	<50	3.0	5.0	0.5	2.0	--
05/15/91	29.46	8.85	20.61	--	<50	<0.5	<0.5	<0.5	<0.5	--
08/27/91	29.46	8.93	20.53	--	180	6.1	12	3.8	14	--
11/15/91	29.46	8.93	20.53	--	<50	<0.5	0.6	<0.5	<0.5	--
02/20/92	29.46	8.77	20.69	--	<50	0.9	1.1	<0.5	1.4	--
06/15/92	29.46	9.08	20.38	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/16/92	29.45	8.88	20.57	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/07/93	29.45	9.86	19.59	--	<50	<0.5	<0.5	<0.5	<1.5	--
06/09/93	29.45	9.95	19.50	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/10/93	29.45	--	--	--	--	--	--	--	--	--
09/27/93	29.45	9.38	20.07	--	--	--	--	--	--	--

MONITORING SUSPENDED

## 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	TOG
<b>MW-7</b>										
04/23/89	29.01	10.02	18.99	--	--	--	--	--	--	--
04/24/89	29.01	--	--	*	8400	100	260	160	1300	<3.0
07/28/89	29.01	9.07	19.94	--	7000	230	90	70	440	<3000
07/28/89	29.01	--	--	Duplicate	6000	280	180	58	430	--
10/30/89	29.01	9.04	19.97	--	10,000	570	55	160	400	--
10/30/89	29.01	--	--	Duplicate	9900	520	82	180	410	--
01/09/90	29.01	8.86	20.15	--	3400	290	72	9.0	200	--
04/18/90	29.01	8.64	20.37	--	6800	350	140	110	400	--
06/22/90	29.01	8.61	20.40	--	--	--	--	--	--	--
08/09/90	29.01	8.63	20.38	--	11,000	360	130	14	660	--
11/13/90	29.01	8.60	20.41	--	6500	230	110	97	460	--
05/15/91	29.01	8.54	20.47	--	4600	180	55	46	300	--
08/27/91	29.01	8.87	20.14	--	7000	220	53	63	340	--
11/15/91	29.01	8.79	20.22	--	3300	150	19	4.9	200	--
02/20/92	29.01	8.69	20.32	--	5200	520	150	100	380	--
06/15/92	29.01	9.03	19.98	--	10,000	760	430	320	1100	--
12/16/92	29.01	8.87	20.14	--	11,000	810	350	280	1100	--
04/07/93	29.01	9.87	19.14	--	150	1.4	0.9	0.9	4.5	--
06/09/93	29.01	9.96	19.05	--	180	4.0	1.0	1.0	3.0	--
09/10/93	29.01	--	--	--	--	--	--	--	--	--
09/27/93	29.01	--	--	--	--	--	--	--	--	--
12/17/93	29.01	--	--	--	--	--	--	--	--	--
03/10/94	29.01	--	--	--	--	--	--	--	--	--
06/16/94	29.01	--	--	--	--	--	--	--	--	--
09/07/94	29.01	--	--	--	--	--	--	--	--	--
11/30/94	29.01	--	--	Inaccessible	--	--	--	--	--	--

\* See Table 2 of Additional Analyses.

## 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	TOG
<b>MW-8</b>										
04/23/89	29.57	9.43	20.14	--	--	--	--	--	--	--
04/24/89	29.57	--	--	--	<50	<0.5	<1.0	<1.0	<1.0	3000
04/24/89	29.57	--	--	Duplicate	<50	<0.5	<1.0	<1.0	<1.0	--
07/28/89	29.57	9.20	20.37	--	<100	<0.2	<1.0	<0.2	<0.4	<3000
10/30/89	29.57	9.25	20.32	--	<500	<0.3	<0.3	<0.3	<0.6	--
01/09/90	29.57	8.97	20.60	--	<50	<0.3	<0.3	<0.3	<0.6	--
04/18/90	29.57	8.70	20.87	--	<50	<0.3	<0.3	<0.3	<0.6	--
06/22/90	29.57	9.23	20.34	--	--	--	--	--	--	--
08/09/90	29.57	8.68	20.89	--	<50	<0.3	<0.3	<0.3	<0.6	--
11/13/90	29.57	8.71	20.86	--	<50	<0.5	0.8	<0.5	2.0	--
05/15/91	29.57	9.08	20.49	--	<50	<0.5	<0.5	<0.5	<0.5	--
08/27/91	29.57	8.97	20.60	--	73	<0.5	<0.5	<0.5	<0.5	--
11/15/91	29.57	8.95	20.62	--	<50	<0.5	0.7	<0.5	2.1	--
02/20/92	29.57	8.77	20.80	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/15/92	29.57	9.09	20.48	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/16/92	29.57	8.89	20.68	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/07/93	29.57	9.87	19.70	--	<50	<0.5	<0.5	<0.5	<1.5	--
06/09/93	29.57	9.97	19.60	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/10/93	29.57	--	--	--	--	--	--	--	--	--
09/27/93	29.57	9.35	20.22	--	--	--	--	--	--	--

MONITORING SUSPENDED



## 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	TOG
<b>MW-9</b>										
06/22/90	28.67	7.87	20.80	--	5700	47	31	280	530	<1000
08/09/90	28.67	7.93	20.74	--	8000	<0.3	17	210	480	--
11/13/90	28.67	7.89	20.78	--	6400	<3.0	20	240	450	--
05/15/91	28.67	8.19	20.48	--	5700	2.0	16	190	390	--
08/27/91	28.67	8.12	20.55	--	6700	<3.0	31	180	350	--
11/15/91	28.67	8.10	20.57	--	4000	8.8	26	150	280	--
02/20/92	28.67	6.90	21.77	--	3400	13	30	230	460	--
06/15/92	28.67	8.30	20.37	--	4500	19	72	280	560	--
12/16/92	28.68	8.39	20.29	--	9900	380	220	380	1300	--
04/07/93	28.68	9.36	19.32	--	8700	51	150	360	1000	--
06/09/93	28.68	9.52	19.16	--	8900	170	160	350	1100	--
09/10/93	28.68	--	--	--	4600	110	63	190	350	--
09/27/93	28.68	8.74	19.94	--	--	--	--	--	--	--
12/17/93	28.68	8.37	20.31	--	4600	92	85	180	300	--
03/10/94	28.68	8.38	20.30	--	3300	8.0	29	120	170	--
06/16/94	28.68	8.42	20.26	--	2900	4.8	16	85	64	--
09/07/94	28.68	8.27	20.41	--	2900	<0.5	9.9	70	75	--
11/30/94	28.68	8.70	19.98	--	2100	<5.0	<5.0	53	51	--

## 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	TOG
<b>MW-10</b>										
06/22/90	28.60	8.12	20.48	--	<50	<0.5	<0.5	<0.5	<0.5	<1000
08/09/90	28.60	8.15	20.45	--	<50	<0.3	<0.3	<0.3	<0.6	--
11/13/90	28.60	8.13	20.47	--	<50	<0.5	2.0	0.5	2.0	--
05/15/91	28.60	8.45	20.15	--	<50	<0.5	<0.5	<0.5	<0.5	--
08/27/91	28.60	8.33	20.27	--	<50	<0.5	<0.5	<0.5	<0.5	--
11/15/91	28.60	8.27	20.33	--	<50	<0.5	<0.5	<0.5	<0.5	--
02/20/92	28.60	7.15	21.45	--	<50	2.0	2.2	<0.5	2.1	--
06/15/92	28.60	7.30	21.30	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/16/92	28.62	8.45	20.17	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/07/93	28.62	9.41	19.26	--	<50	<0.5	<0.5	<0.5	<1.5	--
06/09/93	28.62	9.55	19.07	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/10/93	28.62	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/24/93	28.62	8.90	19.72	--	--	--	--	--	--	--
12/17/93	28.62	8.55	20.07	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/10/94	28.62	8.65	19.97	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/16/94	28.62	8.64	19.98	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/07/94	28.62	8.50	20.12	--	<50	<0.5	<0.5	<0.5	<0.5	--
11/30/94	28.62	8.92	19.70	--	<50	<0.5	<0.5	<0.5	<0.5	--

## 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	TOG
<b>MW-11</b>										
06/22/90	29.37	8.34	21.03	--	<50	<0.5	<0.5	<0.5	<0.5	<1000
08/09/90	29.37	8.35	21.02	--	<50	<0.3	<0.3	<0.3	<0.6	--
11/13/90	29.37	8.44	20.93	--	76	0.6	1.0	0.9	4.0	--
05/15/91	29.37	8.76	20.61	--	78	<0.5	<0.5	<0.5	<0.5	--
08/27/91	29.37	8.67	20.70	--	110	<0.5	<0.5	<0.5	<0.5	--
11/15/91	29.37	8.69	20.68	--	<50	<0.5	<0.5	<0.5	<0.5	--
02/20/92	29.37	7.46	21.91	--	<50	1.9	2.1	1.0	4.4	--
06/15/92	29.37	8.81	20.56	--	--	--	--	--	--	--
12/16/92	29.39	8.64	20.75	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/07/93	29.39	9.56	19.83	--	<50	<0.5	<0.5	<0.5	<1.5	--
06/09/93	29.39	9.72	19.67	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/10/93	29.39	--	--	--	--	--	--	--	--	--
09/27/93	29.39	9.06	20.33	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/17/93	29.39	8.66	20.73	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/10/94	29.39	8.70	20.69	--	--	--	--	--	--	--
06/16/94	29.39	8.83	20.56	--	<50	<0.5	<0.5	<0.5	<0.5	--
MONITORING SUSPENDED										
<b>MW-12</b>										
06/22/90	28.43	7.98	20.45	--	<50	<0.5	<0.5	<0.5	<0.5	<1000
08/09/90	28.43	8.00	20.43	--	<50	<0.3	<0.3	<0.3	<0.6	--
11/13/90	28.43	7.98	20.45	--	<50	<0.5	<0.5	<0.5	<0.5	--
05/15/91	28.43	8.36	20.07	--	<50	<0.5	<0.5	<0.5	<0.5	--
08/27/91	28.43	8.28	20.15	--	56	<0.5	<0.5	<0.5	<0.5	--
11/15/91	28.43	8.18	20.25	--	<50	<0.5	<0.5	<0.5	<0.5	--
02/20/92	28.43	7.06	21.37	--	<50	2.5	3.1	0.7	3.0	--
06/15/92	28.43	8.53	19.90	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/16/92	28.43	8.63	19.80	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/07/93	28.43	9.68	18.75	--	<50	<0.5	<0.5	<0.5	<1.5	--
06/09/93	28.43	--	--	--	--	--	--	--	--	--
09/10/93	28.43	--	--	--	--	--	--	--	--	--
09/27/93	28.43	8.80	19.63	--	--	--	--	--	--	--
MONITORING SUSPENDED										

## 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	TOG
<b>MW-13</b>										
11/15/91	28.63	7.56	21.07	*	3100	68	40	110	270	--
02/20/92	28.63	6.46	22.17	--	3100	120	50	240	400	--
06/15/92	28.63	7.96	20.67	--	3200	35	33	210	300	--
12/16/92	28.62	8.28	20.34	--	87,000	1400	540	2400	11,000	--
04/07/93	28.62	9.21	19.41	--	1500	72	12	70	160	--
06/09/93	28.62	9.42	19.20	--	210	6.0	2.0	7.0	16	--
09/10/93	28.62	--	--	--	73	3.0	<0.5	2.0	3.0	--
09/27/93	28.62	8.27	20.35	--	--	--	--	--	--	--
12/17/93	28.62	7.86	20.76	--	640	43	12	12	37	--
03/10/94	28.62	7.93	20.69	--	540	44	22	10	69	--
06/16/94	28.62	7.95	20.67	--	1800	63	12	18	64	--
09/07/94	28.62	7.79	20.83	--	1400	59	12	22	50	--
11/30/94	28.62	8.21	20.41	--	700	36	4.4	18	31	--
<b>MW-14</b>										
11/15/91	29.46	9.13	20.33	--	<50	<0.5	<0.5	<0.5	<0.5	--
02/20/92	29.46	8.05	21.41	--	<50	1.3	1.8	1.1	5.2	--
06/15/92	29.46	--	--	--	--	--	--	--	--	--
12/16/92	29.45	8.79	20.66	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/07/93	29.45	--	--	--	--	--	--	--	--	--
06/09/93	29.45	--	--	--	--	--	--	--	--	--
09/10/93	29.45	--	--	--	--	--	--	--	--	--
09/27/93	29.45	9.19	20.26	--	--	--	--	--	--	--

MONITORING SUSPENDED

\* See Table 2 of Additional Analyses.

## 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	TOG
<b>MW-15</b>										
12/16/92	28.04	8.30	19.74	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/07/93	28.04	9.24	18.80	--	<50	1.3	<0.5	<0.5	<1.5	--
06/09/93	28.04	9.44	18.60	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/10/93	28.04	--	--	--	--	--	--	--	--	--
09/27/93	28.04	8.11	19.93	--	<50	2.0	<0.5	<0.5	<0.5	--
12/17/93	28.04	7.72	20.32	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/10/94	28.04	7.75	20.29	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/16/94	28.04	7.73	20.31	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/07/94	28.04	7.61	20.43	--	<50	<0.5	<0.5	<0.5	<0.5	--
11/30/94	28.04	8.03	20.01	--	<50	<0.5	<0.5	<0.5	<0.5	--
<b>MW-16</b>										
12/16/92	28.32	8.74	19.58	--	--	--	--	--	--	--
12/21/92	28.32	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/07/93	28.32	9.91	18.41	--	<50	<0.5	6.8	<0.5	<0.5	--
06/09/93	28.32	10.07	18.25	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/10/93	28.32	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/27/93	28.32	8.16	20.16	--	--	--	--	--	--	--
12/17/93	28.32	--	--	--	--	--	--	--	--	--
03/10/94	28.32	7.77	20.55	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/16/94	28.32	7.67	20.65	--	<50	0.9	0.7	<0.5	<0.5	--
09/07/94	28.32	7.59	20.73	--	150	1.3	0.8	1.2	3.6	--
11/30/94	28.32	8.04	20.28	--	4200	300	<5.0	34	350	--

## 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	TOG
<b>TRIP BLANK</b>										
11/03/88	--	--	--	--	--	<1.0	<1.0	<1.0	<1.0	--
02/10/89	--	--	--	--	<50	<0.1	<0.1	<0.1	<0.2	--
04/24/89	--	--	--	--	<50	<0.5	<0.5	<1.0	<1.0	--
07/28/89	--	--	--	--	<50	<0.1	<0.1	<0.1	<0.2	--
10/30/89	--	--	--	--	<500	<0.3	<0.3	<0.3	<0.6	--
01/09/90	--	--	--	--	<50	<0.3	<0.3	<0.3	<0.6	--
04/18/90	--	--	--	--	<50	<0.3	<0.3	<0.3	<0.6	--
06/22/90	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
08/09/90	--	--	--	--	<50	<0.3	<0.3	<0.3	<0.6	--
11/13/90	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
05/15/91	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
08/27/91	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
11/15/91	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
02/20/92	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/15/92	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/16/92	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/07/93	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--
06/09/93	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/10/93	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/27/93	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/17/93	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/10/94	--	--	--	--	<50	<0.5	0.6	<0.5	0.6	--
06/16/94	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/07/94	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
11/30/94	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--

## Cumulative Table of Well Data and Analytical Results

### TABLE OF ADDITIONAL ANALYSES

Vertical Measurements are in feet.

Analytical values are in parts per billion (ppb)

DATE	Carbon Tet	Chloro-form	PCE	TCE	1, 2,-DCE	t-1, 2-DCE	c-1, 2-DCE	1, 1, 1-TCA	1,2-DCA	1, 2-DCP	MC
<b>MW-1</b>											
11/03/88	18	7.0	<1.0	<1.0	--	<1.0	--	<1.0	<1.0	--	--
02/10/89	17	6.0	<0.2	<0.2	--	<0.2	<0.2	<0.2	<0.2	--	--
04/24/89	16	6.0	<1.0	<1.0	<1.0	--	--	<1.0	<1.0	--	--
07/28/89	20	6.4	<0.1	<0.1	--	<0.1	<0.1	0.3	<0.1	--	--
10/30/89	11	4.9	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	--	--
01/09/90	24	7.2	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	--	--
04/18/90	23	5.5	<0.5	<0.5	<0.5	--	--	1.4	<0.5	<0.5	<0.5
08/09/90	32	11	0.7	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5
11/13/90	24	7.0	60.7	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
05/15/91	15	5.0	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
08/27/91	18	4.2	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	<0.5
11/15/91	21	7.9	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
02/20/92	24	7.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
06/15/92	10	3.2	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
<b>MW-2</b>											
11/03/88	3.0	2.0	34	3.0	--	10	--	<1.0	<1.0	--	--
02/10/89	1.4	1.0	17.2	<0.2	--	<0.2	6.3	<0.2	<0.2	--	--
04/24/89	2.0	2.0	38	3.0	9.0	--	--	<1.0	<1.0	--	--
07/28/89	3.7	2.0	46	2.6	--	<0.2	<0.2	<0.2	<0.2	--	--
10/30/89	1.4	2.6	53	1.1	14	--	--	<0.5	<0.5	--	--
01/09/90	3.6	3.9	78	5.3	16	--	--	<0.5	<0.5	--	--
04/18/90	1.5	2.7	130	3.9	19	--	--	<0.5	<0.5	<0.5	<0.5
08/09/90	2.1	2.1	74	6.1	15	--	--	<0.5	<0.5	<0.5	<0.5
11/13/90	<0.5	2.0	40	4.0	--	<0.5	10	<0.5	<0.5	<0.5	<0.5
05/15/91	2.0	2.0	56	6.0	--	<0.5	15	<0.5	<0.5	<0.5	<0.5
08/27/91	1.1	0.9	46	3.9	--	--	8.0	<0.5	<0.5	<0.5	<0.5
11/15/91	0.6	1.1	58	3.1	--	<0.5	6.3	<0.5	<0.5	<0.5	<0.5
02/20/92	11	<2.5	62	3.1	--	<2.5	4.3	<2.5	<2.5	<2.5	<2.5
06/15/92	<0.5	1.2	45	3.1	--	<0.5	4.8	<0.5	<0.5	<0.5	<0.5

## Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Analytical values are in parts per billion (ppb)

DATE	Carbon Tet	Chloro-form	PCE	TCE	1, 2,-DCE	t-1, 2-DCE	c-1, 2-DCE	1, 1, 1-TCA	1,2-DCA	1, 2-DCP	MC
<b>MW-3</b>											
11/03/88	8.0	6.0	84	3.0	--	5.0	--	<1.0	<1.0	--	--
02/10/89	5.8	4.0	53	1.9	--	<0.2	9.0	<0.2	<0.2	--	--
04/24/89	7.0	6.0	110	3.0	11	--	--	<1.0	<1.0	--	--
07/28/89	8.6	5.0	49	2.1	--	<0.2	11	<0.2	<0.1	--	--
10/30/89	5.6	5.3	62	0.7	8.2	--	--	<0.5	<0.5	--	--
01/09/90	8.6	6.1	81	73.8	8.7	--	--	<0.5	<0.5	--	--
04/18/90	7.6	5.8	120	2.4	11	--	--	<0.5	<0.5	<0.5	<0.5
08/09/90	11	6.7	81	5.1	11	--	--	<0.5	<0.5	<0.5	<0.5
11/13/90	7.0	5.0	43	4.0	--	<0.5	9.0	<0.5	<0.5	<0.5	<0.5
05/15/91	6.0	4.0	46	3.0	--	<0.5	8.0	<0.5	<0.5	<0.5	<0.5
08/27/91	5.5	3.8	43	2.6	--	--	8.1	<0.5	<0.5	<0.5	<0.5
11/15/91	6.3	5.0	67	3.4	--	0.8	7.4	0.9	<0.5	<0.5	<0.5
02/20/92	2.8	4.0	96	3.0	--	<2.5	6.1	<2.5	<2.5	<2.5	<0.5
06/15/92	5.0	3.9	86	2.9	--	<0.5	7.5	<0.5	<0.5	<0.5	<0.5
<b>MW-4</b>											
04/24/89	35	11	<1.0	<1.0	<1.0	--	--	<1.0	<1.0	--	--
07/28/89	32	9.3	<0.1	<0.1	--	<0.1	<0.1	<0.1	<0.1	--	--
10/30/89	32	8.5	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	--	--
01/09/90	36	9.8	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	--	--
04/18/90	41	9.5	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5
08/09/90	38	11	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5
11/13/90	40	11	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
05/15/91	35	10	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
08/27/91	28	6.1	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	<0.5
11/15/91	23	9.1	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
02/20/92	400	140	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
06/15/92	38	11	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5



## Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Analytical values are in parts per billion (ppb)

DATE	Carbon Tet	Chloro-form	PCE	TCE	1, 2-DCE	1-1, 2-DCE	c-1, 2-DCE	1, 1, 1-TCA	1,2-DCA	1, 2-DCP	MC
<b>MW-5</b>											
04/24/89	4.0	5.0	4.0	<1.0	2.0	--	--	<1.0	<1.0	--	--
07/28/89	5.6	4.0	5.3	0.3	--	<0.2	2.3	0.5	<0.2	--	--
10/30/89	2.9	2.0	2.7	<0.5	0.86	--	--	<0.5	<0.5	--	--
01/09/90	8.2	4.6	7.8	0.6	3.1	--	--	<0.5	<0.5	--	--
04/18/90	6.3	2.8	2.6	<0.5	1.7	--	--	<0.5	<0.5	<0.5	<0.5
08/09/90	11	4.8	6.0	<0.5	2.3	--	--	<0.5	<0.5	<0.5	<0.5
11/13/90	7.0	3.0	5.0	<0.5	--	<0.5	1	<0.5	<0.5	<0.5	<0.5
05/15/91	4.0	2.0	3.0	<0.5	--	<0.5	0.8	<0.5	<0.5	<0.5	<0.5
08/27/91	3.3	1.1	2.3	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	<0.5
11/15/91	5.7	2.8	5.5	<0.5	--	<0.5	1.7	<0.5	<0.5	<0.5	<0.5
02/20/92	4.0	2.0	3.9	<0.5	--	<0.5	0.7	<0.5	<0.5	<0.5	<0.5
06/15/92	4.0	2.0	5.0	<0.5	--	<0.5	1.4	<0.5	<0.5	<0.5	<0.5
<b>MW-6</b>											
04/24/89	13	7.0	<1.0	<1.0	<1.0	--	--	<1.0	<1.0	--	--
07/28/89	9.6	4.0	<0.2	<0.2	--	<0.2	<0.2	0.5	0.6	--	--
10/30/89	8.2	3.6	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	--	--
01/09/90	10	4.2	<0.5	<0.5	<0.5	--	--	<0.5	1.8	--	--
04/18/90	11	3.8	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5
08/09/90	20	6.6	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5
11/13/90	15	5.0	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
05/15/91	11	4.0	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
08/27/91	8.0	2.2	2.4	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	<0.5
11/15/91	13	5.4	<0.5	<0.5	--	<0.5	<0.5	<0.5	0.8	<0.5	<0.5
02/20/92	11	4.0	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
06/15/92	9.6	4.2	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5

## Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Analytical values are in parts per billion (ppb)

DATE	Carbon Tet	Chloro-form	PCE	TCE	1, 2-DCE	t-1, 2-DCE	c-1, 2-DCE	1, 1, 1-TCA	1,2-DCA	1, 2-DCP	MC
<b>MW-7</b>											
04/24/89	3.0	9.0	<1.0	<1.0	<1.0	--	--	<1.0	<1.0	--	--
07/28/89	<2.0	<10	<2.0	<2.0	--	<2.0	<2.0	<10	6.0	--	--
07/28/89	<5.0	<20	<5.0	<5.0	--	<5.0	<0.5	<5.0	<5.0	--	--
10/30/89	<1.0	3.9	<1.0	<1.0	<1.0	--	--	<1.0	6.4	--	--
10/30/89	<1.0	3.1	<1.0	<1.0	<1.0	--	--	<1.0	6.2	--	--
01/09/90	<0.5	3.0	<0.5	<0.5	<0.5	--	--	<0.5	8.4	--	--
04/18/90	<0.5	3.2	<0.5	<0.5	<0.5	--	--	<0.5	7.7	0.6	0.6
08/09/90	3.3	7.7	<0.5	<0.5	<0.5	--	--	<0.5	8.4	<0.5	1.8
11/13/90	0.6	3.0	<0.5	<0.5	--	<0.5	<0.5	<0.5	4.0	<0.5	<0.5
05/15/91	2.0	2.0	<0.5	<0.5	--	<0.5	<0.5	<0.5	3.0	<0.5	<0.5
08/27/91	0.7	2.8	<0.5	<0.5	--	--	<0.5	<0.5	2.7	<0.5	<0.5
11/15/91	0.8	2.7	<0.5	<0.5	--	<0.5	<0.5	<0.5	3.1	<0.5	0.8
02/20/92	2.2	1.9	<0.5	<0.5	--	<0.5	<0.5	<0.5	3.3	<0.5	<0.5
06/15/92	1.1	1.8	<0.5	<0.5	--	<0.5	<0.5	<0.5	4.5	<0.5	<0.5
<b>MW-8</b>											
04/24/89	2.0	3.0	6.0	<1.0	4.0	--	--	<1.0	<1.0	--	--
04/24/89	2.0	2.0	6.0	<1.0	3.0	--	--	<1.0	<1.0	--	--
07/28/89	2.3	2.0	5.6	<0.2	--	<0.2	3.8	<0.2	<0.2	--	--
10/30/89	2.5	2.6	8.0	<0.5	5.5	--	--	<0.5	<0.5	--	--
01/09/90	4.9	3.9	19	0.9	6.6	--	--	<0.5	<0.5	--	--
04/18/90	3.8	2.8	17	0.6	5.7	--	--	<0.5	<0.5	<0.5	<0.5
08/09/90	5.3	4.4	27	1.2	9.2	--	--	<0.5	<0.5	<0.5	<0.5
11/13/90	3.0	2.0	21	0.7	--	<0.5	6.0	<0.5	<0.5	<0.5	<0.5
05/15/91	2.0	2.0	30	0.9	--	<0.5	6.0	<0.5	<0.5	<0.5	<0.5
08/27/91	1.4	1.1	32	1.0	--	--	4.7	<0.5	<0.5	<0.5	<0.5
11/15/91	1.5	1.9	50	<0.5	--	<0.5	5.8	<0.5	<0.5	2.0	<0.5
02/20/92	1.3	2.3	68	2.4	--	<0.5	7.6	<0.5	<0.5	<0.5	<0.5
06/15/92	0.7	1.9	46	1.6	--	<0.5	5.6	<0.5	--	<0.5	<0.5

## Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Analytical values are in parts per billion (ppb)

DATE	Carbon Tet	Chloro-form	PCE	TCE	1, 2,-DCE	t-1, 2-DCE	c-1, 2-DCE	1, 1, 1-TCA	1,2-DCA	1, 2-DCP	MC
<b>MW-9</b>											
06/22/90	<0.5	<0.5	<0.5	<0.5	--	<0.5	--	<0.5	<0.5	<0.5	<0.5
08/09/90	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	<0.5	0.71	<0.5	<0.5
11/13/90	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	1.0	<0.5	<0.5
05/15/91	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	0.5	<0.5	<0.5
08/27/91	<0.5	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	<0.5
11/15/91	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	0.6	<0.5	<0.5
02/20/92	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
06/15/92	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
<b>MW-10</b>											
06/22/90	9.6	8.9	<0.5	<0.5	--	<0.5	--	<0.5	<0.5	<0.5	<0.5
08/09/90	11	7.8	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5
11/13/90	5.0	4.0	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
05/15/91	5.0	4.0	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
08/27/91	6.9	3.4	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	<0.5
11/15/91	2.7	3.3	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
02/20/92	3.3	3.4	3.0	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
06/15/92	4.5	2.9	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
<b>MW-11</b>											
06/22/90	4.6	6.5	73	1.3	--	<0.5	8.9	<0.5	<0.5	<0.5	<0.5
08/09/90	8.1	6.8	84	2.0	4.6	--	--	<0.5	<0.5	<0.5	<0.5
11/13/90	<0.5	<0.5	39	<0.5	--	<0.5	2.0	5	<0.5	<0.5	<0.5
05/15/91	1.0	3.0	7	0.5	--	<0.5	2.0	<0.5	<0.5	<0.5	<0.5
08/27/91	4.1	3.3	73	1.0	--	--	2.4	<0.5	<0.5	<0.5	<0.5
11/15/91	3.3	3.6	64	0.9	--	<0.5	2.3	<0.5	<0.5	<0.5	<0.5
02/20/92	<2.5	<2.5	62	<2.5	--	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
06/15/92	--	---	---	--	--	--	--	--	--	--	--

## Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Analytical values are in parts per billion (ppb)

DATE	Carbon Tet	Chloro-form	PCE	TCE	1, 2,-DCE	t-1, 2,-DCE	c-1, 2,-DCE	1, 1, 1,-TCA	1,2-DCA	1, 2,-DCP	MC
<b>MW-12</b>											
06/22/90	6.0	7.3	7.4	<0.5	--	<0.5	13	<0.5	<0.5	<0.5	<0.5
08/09/90	8.0	7.0	6.7	<0.5	5.8	--	--	<0.5	<0.5	<0.5	<0.5
11/13/90	<0.5	<0.5	9.0	<0.5	--	<0.5	3.0	3.0	<0.5	<0.5	<0.5
05/15/91	4.0	4.0	10	<0.5	--	<0.5	3.0	<0.5	<0.5	<0.5	<0.5
08/27/91	3.1	2.6	10	<0.5	--	--	2.3	<0.5	<0.5	<0.5	<0.5
11/15/91	1.9	3.5	8.9	<0.5	--	<0.5	5.9	<0.5	<0.5	<0.5	<0.5
02/20/92	3.3	3.4	3.7	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
06/15/92	2.2	3.7	13	<0.5	--	<0.5	4.5	<0.5	<0.5	<0.5	<0.5
<b>MW-13</b>											
11/15/91	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
02/20/92	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
06/15/92	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
<b>MW-14</b>											
11/15/91	<0.5	5.5	33	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
02/20/92	<0.5	4.3	38	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
06/15/92	--	---	---	--	--	--	--	--	--	--	--

## Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Analytical values are in parts per billion (ppb)

DATE	Carbon Tet	Chloro-form	PCE	TCE	1, 2,-DCE	t-1, 2-DCE	c-1, 2-DCE	1, 1, 1-TCA	1,2-DCA	1, 2-DCP	MC
<b>TRIP BLANK</b>											
11/03/88	<1.0	<1.0	<1.0	<1.0	--	<1.0	--	<1.0	<1.0	--	--
02/10/89	<0.1	<0.5	<0.1	<0.1	--	<0.1	<0.1	<0.1	<0.1	--	--
04/24/89	<1.0	<1.0	<1.0	<1.0	<1.0	--	--	<1.0	<1.0	--	--
07/28/89	<0.1	<0.5	<0.1	<0.5	<0.1	--	<0.1	<0.1	<0.1	--	--
10/30/89	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	--	--
01/09/90	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	--	--
04/18/90	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5
06/22/90	<0.5	<0.5	<0.5	<0.5	--	<0.5	--	<0.5	<0.5	<0.5	<0.5
08/09/90	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5
11/13/90	<0.5	0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
05/15/91	--	--	--	--	--	--	--	--	--	--	--
08/27/91	--	--	--	--	--	--	--	--	--	--	--
11/15/91	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	--
02/20/92	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	--
06/15/92	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5

## Cumulative Table of Well Data and Analytical Results

**TABLE 2 OF ADDITIONAL ANALYSES**

Vertical Measurements are in feet.

Analytical values are in parts per billion (ppb)

DATE	2-butanone	Acetone	1, 1-DCE	1, 1-DCA	Chloro-benzene	Freon 11
<b>MW-3</b> 08/27/91	--	--	1.3	0.5	0.7	1.4
<b>MW-7</b> 04/24/89	160	5.0	--	--	--	--
<b>MW-13</b> 11/15/91	--	--	--	0.6	--	--

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
- TOG = Total Oil and Grease
- Carbon Tet = Carbon Tetrachloride
- PCE = Tetrachloroethene
- TCE = Trichloroethene
- 1,2-DCE = 1,2-Dichloroethene
- t-1,2-DCE = trans-1,2-Dichloroethene
- c-1,2-DCE = cis-1,2-Dichloroethene
- 1,1,1-TCA = 1,1,1-Trichloroethane
- 1,2-DCA = 1,2-Dichloroethane
- 1,2-DCP = 1,2-Dichloropropane
- 1,1-DCE = 1,1-Dichloroethene
- MC = Methylene chloride

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 <u>9-0020</u>	Chevron Contact (Name) <u>Mark Miller</u>
	Facility Address <u>1633 Harrison St., Oakland, CA</u>	(Phone) <u>(510) 842-8134</u>
	Consultant Project Number <u>941130-11</u>	Laboratory Name <u>Sequoia</u>
	Consultant Name <u>Blaine Tech Services, Inc.</u> Address <u>985 Timothy Dr., San Jose, CA 95133</u>	Laboratory Release Number <u>2172400</u>
Project Contact (Name) <u>Jim Keller</u>	Samples Collected by (Name) <u>Keith Brown</u>	Collection Date <u>11/30/94</u>
(Phone) <u>408-995-5535</u> (Fax Number) <u>408-293-8773</u>	Signature <u>[Signature]</u>	

Sample Number	Lab Sample Number	Number of Containers	Matrix S = Soil W = Water C = Charcoal	Type C = Composite D = Discrete	Time	Sample Preservation	Iced (Yes or No)	Analyses To Be Performed										DO NOT BILL FOR TB-LB	Remarks	
								BTEX + TPH GAS (8020 + 8015)	TPH Distill (8015)	Oil and Grease (8020)	Purgeable Halocarbons (8010)	Purgeable Aromatics (8020)	Purgeable Organics (8260)	Extractable Organics (8270)	Metals Cd, Cr, Pb, Zn, Ni (ICAP or AA)					
MW1	01A-C3		W	D	735	HCl	Y	X												
MW2	02				855			X												9412186
MW3	03				830			X												
MW4	04				810			X												
MW9	05				940			X												
MW10	06				920			X												
MW13	07				1005			X												
MW15	08				1030			X												
MW16	09				1055			X												
TB	10A-B	2			-			X												

Relinquished By (Signature) <u>[Signature]</u>	Organization <u>BTS</u>	Date/Time <u>11/30/94</u>	Received By (Signature) <u>[Signature]</u>	Organization <u>Sequoia</u>	Date/Time <u>12-1-94</u>	Turn Around Time (Circle Choice) 24 Hrs. 48 Hrs. 5 Days 10 Days As Contracted
Relinquished By (Signature) <u>[Signature]</u>	Organization <u>Sequoia</u>	Date/Time <u>12-1-94</u>	Received By (Signature) <u>[Signature]</u>	Organization	Date/Time	
Relinquished By (Signature) <u>[Signature]</u>	Organization	Date/Time	Received For Laboratory By (Signature) <u>[Signature]</u>	Organization	Date/Time <u>12-1-94</u>	

# **Analytical Appendix**





Blaine Technical Services  
985 Timothy Drive  
San Jose, CA 95133

Client Proj. ID: 941130-K1, Chevron 9-0020  
Sample Descript: MW-1  
Matrix: LIQUID  
Analysis Method: 8015Mod/8020  
Lab Number: 9412186-01

Sampled: 11/30/94  
Received: 12/01/94  
Analyzed: 12/07/94  
Reported: 12/09/94

QC Batch Number: GC120794BTEX02A  
Instrument ID: GCHP02

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

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	50	N.D.
Benzene	0.50	N.D.
Toluene	0.50	N.D.
Ethyl Benzene	0.50	N.D.
Xylenes (Total)	0.50	N.D.
Chromatogram Pattern:		

Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70                      130	93

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

**SEQUOIA ANALYTICAL** - ELAP #1210

Suzanne Chin  
Project Manager





Blaine Technical Services  
985 Timothy Drive  
San Jose, CA 95133

Client Proj. ID: 941130-K1, Chevron 9-0020  
Sample Descript: MW-2  
Matrix: LIQUID  
Analysis Method: 8015Mod/8020  
Lab Number: 9412186-02

Sampled: 11/30/94  
Received: 12/01/94  
Analyzed: 12/07/94  
Reported: 12/09/94

QC Batch Number: GC120794BTEX02A  
Instrument ID: GCHP02

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

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	50	N.D.
Benzene	0.50	N.D.
Toluene	0.50	N.D.
Ethyl Benzene	0.50	N.D.
Xylenes (Total)	0.50	N.D.
Chromatogram Pattern:		

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

Suzanne Chin  
Project Manager





Blaine Technical Services 985 Timothy Drive San Jose, CA 95133 Attention: Jim Keller	Client Proj. ID: 941130-K1, Chevron 9-0020 Sample Descript: MW-3 Matrix: LIQUID Analysis Method: 8015Mod/8020 Lab Number: 9412186-03	Sampled: 11/30/94 Received: 12/01/94 Analyzed: 12/07/94 Reported: 12/09/94
-----------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------

QC Batch Number: GC120794BTEX02A  
Instrument ID: GCHP02

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

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	50	N.D.
Benzene	0.50	N.D.
Toluene	0.50	N.D.
Ethyl Benzene	0.50	N.D.
Xylenes (Total)	0.50	N.D.
Chromatogram Pattern:		

Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	90

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

**SEQUOIA ANALYTICAL** - ELAP #1210

Suzanne Chin  
Project Manager





Blaine Technical Services 985 Timothy Drive San Jose, CA 95133	Client Proj. ID: 941130-K1, Chevron 9-0020 Sample Descript: MW-4 Matrix: LIQUID Analysis Method: 8015Mod/8020 Lab Number: 9412186-04	Sampled: 11/30/94 Received: 12/01/94 Analyzed: 12/07/94 Reported: 12/09/94
Attention: Jim Keller		

QC Batch Number: GC120794BTEX02A  
Instrument ID: GCHP02

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

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	50	N.D.
Benzene	0.50	N.D.
Toluene	0.50	N.D.
Ethyl Benzene	0.50	N.D.
Xylenes (Total)	0.50	N.D.
Chromatogram Pattern:		

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

Suzanne Chin  
Project Manager





Blaine Technical Services 985 Timothy Drive San Jose, CA 95133	Client Proj. ID: 941130-K1, Chevron 9-0020 Sample Descript: MW-9 Matrix: LIQUID Analysis Method: 8015Mod/8020 Lab Number: 9412186-05	Sampled: 11/30/94 Received: 12/01/94 Analyzed: 12/07/94 Reported: 12/09/94
Attention: Jim Keller		

QC Batch Number: GC120794BTEX02A  
Instrument ID: GCHP02

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

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	500	2100
Benzene	5.0	N.D.
Toluene	5.0	N.D.
Ethyl Benzene	5.0	53
Xylenes (Total)	5.0	51
Chromatogram Pattern:		Gas

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

Suzanne Chim  
Project Manager





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

Client Proj. ID: 941130-K1, Chevron 9-0020  
Sample Descript: MW-10  
Matrix: LIQUID  
Analysis Method: 8015Mod/8020  
Lab Number: 9412186-06

Sampled: 11/30/94  
Received: 12/01/94  
  
Analyzed: 12/07/94  
Reported: 12/09/94

QC Batch Number: GC120794BTEX02A  
Instrument ID: GCHP02

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

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	50	N.D.
Benzene	0.50	N.D.
Toluene	0.50	N.D.
Ethyl Benzene	0.50	N.D.
Xylenes (Total)	0.50	N.D.
Chromatogram Pattern:		

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

Suzanne Chin  
Project Manager





Blaine Technical Services	Client Proj. ID: 941130-K1, Chevron 9-0020	Sampled: 11/30/94
985 Timothy Drive	Sample Descript: MW-13	Received: 12/01/94
San Jose, CA 95133	Matrix: LIQUID	
Attention: Jim Keller	Analysis Method: 8015Mod/8020	Analyzed: 12/08/94
	Lab Number: 9412186-07	Reported: 12/09/94

QC Batch Number: GC120794BTEX20A  
Instrument ID: GCHP20

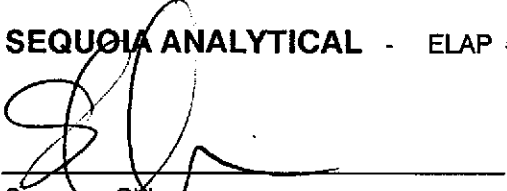
**Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX**

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	200	700
Benzene	2.0	36
Toluene	2.0	4.4
Ethyl Benzene	2.0	18
Xylenes (Total)	2.0	31
Chromatogram Pattern:		Gas

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

  
Suzanne Chin  
Project Manager





Blaine Technical Services  
985 Timothy Drive  
San Jose, CA 95133

Client Proj. ID: 941130-K1, Chevron 9-0020  
Sample Descript: MW-15  
Matrix: LIQUID  
Analysis Method: 8015Mod/8020  
Lab Number: 9412186-08

Sampled: 11/30/94  
Received: 12/01/94  
Analyzed: 12/08/94  
Reported: 12/09/94

QC Batch Number: GC120894BTEX03A  
Instrument ID: GCHP03

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

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	50	N.D.
Benzene	0.50	N.D.
Toluene	0.50	N.D.
Ethyl Benzene	0.50	N.D.
Xylenes (Total)	0.50	N.D.
Chromatogram Pattern:		

Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	90

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

**SEQUOIA ANALYTICAL** - ELAP #1210

Suzanne Chin  
Project Manager







Blaine Technical Services	Client Proj. ID: 941130-K1, Chevron 9-0020	Sampled: 11/30/94
985 Timothy Drive	Sample Descript: MW-16	Received: 12/01/94
San Jose, CA 95133	Matrix: LIQUID	
Attention: Jim Keller	Analysis Method: 8015Mod/8020	Analyzed: 12/07/94
	Lab Number: 9412186-09	Reported: 12/09/94

QC Batch Number: GC120794BTEX02A  
Instrument ID: GCHP02

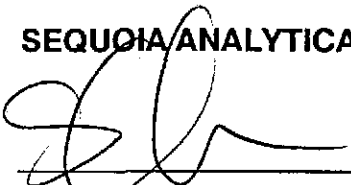
**Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX**

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	500	4200
Benzene	5.0	300
Toluene	5.0	N.D.
Ethyl Benzene	5.0	34
Xylenes (Total)	5.0	350
Chromatogram Pattern:		Gas

Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	90

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

**SEQUOIA ANALYTICAL** - ELAP #1210

  
\_\_\_\_\_  
Suzanne Chin  
Project Manager





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

Client Proj. ID: 941130-K1, Chevron 9-0020  
Sample Descript: TB  
Matrix: LIQUID  
Analysis Method: 8015Mod/8020  
Lab Number: 9412186-10

Sampled: 11/30/94  
Received: 12/01/94  
  
Analyzed: 12/07/94  
Reported: 12/09/94

QC Batch Number: GC120794BTEX02A  
Instrument ID: GCHP02

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

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	50	N.D.
Benzene	0.50	N.D.
Toluene	0.50	N.D.
Ethyl Benzene	0.50	N.D.
Xylenes (Total)	0.50	N.D.
Chromatogram Pattern:		

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

Suzanne Chin  
Project Manager





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

Client Project ID: 941130-K1, Chevron 9-0020  
Matrix: Liquid

Work Order #: 9412186 -01-06, 09-10

Reported: Dec 13, 1994

**QUALITY CONTROL DATA REPORT**

Analyte:	Benzene	Toluene	Ethyl Benzene	Xylenes
QC Batch#:	GC120794BTEX02A	GC120794BTEX02A	GC120794BTEX02A	GC120794BTEX02A
Analy. Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020
Prep. Method:	N/A	N/A	N/A	N/A

Analyst:	J. Minkel	J. Minkel	J. Minkel	J. Minkel
MS/MSD #:	941204418	941204418	941204418	941204418
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Prepared Date:	N/A	N/A	N/A	N/A
Analyzed Date:	12/7/94	12/7/94	12/7/94	12/7/94
Instrument I.D.#:	GCHP2	GCHP2	GCHP2	GCHP2
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L
Result:	9.7	9.8	9.8	30
MS % Recovery:	97	98	98	100
Dup. Result:	10	10	11	32
MSD % Recov.:	100	100	110	107
RPD:	3.0	2.0	12	6.5
RPD Limit:	0-50	0-50	0-50	0-50

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

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

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

**SEQUOIA ANALYTICAL**

Suzanne Chin  
Project Manager

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

9412186.BLA <1>





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

Client Project ID: 941130-K1, Chevron 9-0020  
Matrix: Liquid

Work Order #: 9412186-07

Reported: Dec 13, 1994

**QUALITY CONTROL DATA REPORT**

Analyte:	Benzene	Toluene	Ethyl Benzene	Xylenes
QC Batch#:	GC120794BTEX20A	GC120794BTEX20A	GC120794BTEX20A	GC120794BTEX20A
Analy. Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020
Prep. Method:	N/A	N/A	N/A	N/A

Analyst:	J. Minkel	J. Minkel	J. Minkel	J. Minkel
MS/MSD #:	941204419	941204419	941204419	941204419
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Prepared Date:	N/A	N/A	N/A	N/A
Analyzed Date:	12/7/94	12/7/94	12/7/94	12/7/94
Instrument I.D.#:	GCHP20	GCHP20	GCHP20	GCHP20
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L
Result:	9.9	10	11	31
MS % Recovery:	99	100	110	103
Dup. Result:	9.3	9.8	10	29
MSD % Recov.:	93	98	100	97
RPD:	6.3	2.0	9.5	6.7
RPD Limit:	0-50	0-50	0-50	0-50

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

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

**Please Note:**

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

SEQUOIA ANALYTICAL

*Suzanne Chin*  
Suzanne Chin  
Project Manager

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

9412186.BLA <2>





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

Client Project ID: 941130-K1, Chevron 9-0020  
Matrix: Liquid  
Work Order #: 9412186-08

Reported: Dec 13, 1994

**QUALITY CONTROL DATA REPORT**

Analyte:	Benzene	Toluene	Ethyl Benzene	Xylenes
QC Batch#:	GC120894BTEX03A	GC120894BTEX03A	GC120894BTEX03A	GC120894BTEX03A
Analy. Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020
Prep. Method:	N/A	N/A	N/A	N/A

Analyst:	J. Minkel	J. Minkel	J. Minkel	J. Minkel
MS/MSD #:	941206204	941206204	941206204	941206204
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Prepared Date:	N/A	N/A	N/A	N/A
Analyzed Date:	12/8/94	12/8/94	12/8/94	12/8/94
Instrument I.D.#:	GCHP3	GCHP3	GCHP3	GCHP3
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L
Result:	9.2	9.2	9.2	28
MS % Recovery:	92	92	92	93
Dup. Result:	9.5	9.5	9.6	29
MSD % Recov.:	95	95	96	97
RPD:	3.2	3.2	4.3	3.5
RPD Limit:	0-50	0-50	0-50	0-50

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

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

**Please Note:**

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

**SEQUOIA ANALYTICAL**

*Suzanne Chin*  
Suzanne Chin  
Project Manager



# **Field Data Sheets**



# CHEVRON WELL MONITORING DATA SHEET

Project #: <u>941130-121</u>	Station # 9- <u>0020</u>
Sampler: <u>1643</u>	Date Sampled: <u>11/30</u>
Well I.D.: <u>MW1</u>	Well Diameter: (circle one) 2 3 <u>6</u>
Total Well Depth: Before <u>2852</u> After	Depth to Water: Before <u>2023</u> After
Depth to Free Product: _____	Thickness of Free Product (feet): _____
Measurements referenced to: <u>(VQ)</u>	Grade Other --

<u>5.4</u>	<u>x</u>	<u>3</u>	<u>=</u>	<u>16.2</u>
1 Case Volume		Specified Volumes		gallons

Purging: Bailer Middleburg Electric Submersible <input checked="" type="checkbox"/> Suction Pump Type of Installed Pump _____	Sampling: Bailer <input checked="" type="checkbox"/> Middleburg Electric Submersible Suction Pump Installed Pump
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TIME	TEMP. (F)	pH	COND.	TURBIDITY:	VOLUME REMOVED:	OBSERVATIONS:
<u>723</u>	<u>64.8</u>	<u>7.8</u>	<u>1300</u>	<u>—</u>	<u>6</u>	
<u>725</u>	<u>65.6</u>	<u>7.8</u>	<u>1200</u>	<u>—</u>	<u>12</u>	
<u>727</u>	<u>65.8</u>	<u>7.8</u>	<u>1200</u>	<u>—</u>	<u>17</u>	

Did Well Dewater?  If yes, gals. \_\_\_\_\_ Gallons Actually Evacuated: 17

Sampling Time: 735

Sample I.D.: MW1 Laboratory: Beq

Analyzed for: TPH, MTX

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

Analyzed for:

Shipping Notations:

Additional Notations:



# CHEVRON WELL MONITORING DATA SHEET

Project #: <u>941130-41</u>	Station # 9- <u>0020</u>
Sampler: <u>KCS</u>	Date Sampled: <u>11/30</u>
Well I.D.: <u>MW2</u>	Well Diameter: (circle one) 2 3 <u>4</u> 6
Total Well Depth: Before <u>2768</u> After	Depth to Water: Before <u>2010</u> After
Depth to Free Product:	Thickness of Free Product (feet):
Measurements referenced to: <u>(PVC)</u>	Grade Other --

<u>4.4</u>	<u>x</u>	<u>3</u>	<u>=</u>	<u>13.2</u>
1 Case Volume		Specified Volumes		gallons

Purging: Bailer Middleburg Electric Submersible Suction Pump Type of Installed Pump _____	Sampling: Bailer Middleburg Electric Submersible Suction Pump Installed Pump _____
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TIME	TEMP. (F)	pH	COND.	TURBIDITY:	VOLUME REMOVED:	OBSERVATIONS:
<u>840</u>	<u>66.3</u>	<u>8.0</u>	<u>640</u>	<u>—</u>	<u>5</u>	
<u>842</u>	<u>66.7</u>	<u>7.8</u>	<u>640</u>	<u>—</u>	<u>10</u>	
<u>844</u>	<u>66.6</u>	<u>7.8</u>	<u>640</u>	<u>—</u>	<u>15</u>	

Did Well Dewater? N If yes, gals. — Gallons Actually Evacuated: 15

Sampling Time: 855

Sample I.D.: MW2 Laboratory: Self

Analyzed for: TPHC, BTEX

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

Analyzed for: \_\_\_\_\_

Shipping Notations: \_\_\_\_\_

Additional Notations: \_\_\_\_\_

# CHEVRON WELL MONITORING DATA SHEET

Project #: <u>941130-101</u>	Station # 9- <u>0020</u>
Sampler: <u>KCP</u>	Date Sampled: <u>11/30</u>
Well I.D.: <u>MW3</u>	Well Diameter: (circle one) 2 3 <u>4</u> 6
Total Well Depth: Before <u>3442</u> After	Depth to Water: Before <u>1963</u> After
Depth to Free Product: _____	Thickness of Free Product (feet): _____
Measurements referenced to: <u>EVO</u>	Grade Other --

<u>7.7</u>	x	<u>3</u>	=	<u>23.1</u>
1 Case Volume		Specified Volumes		gallons

Purging: Bailer  
 Middleburg  
 Electric Submersible  
 Suction Pump  
 Type of Installed Pump \_\_\_\_\_

Sampling: Bailer  
 Middleburg  
 Electric Submersible  
 Suction Pump  
 Installed Pump \_\_\_\_\_

TIME	TEMP. (F)	pH	COND.	TURBIDITY:	VOLUME REMOVED:	OBSERVATIONS:
<u>819</u>	<u>63.6</u>	<u>8.0</u>	<u>760</u>	—	<u>8</u>	
<u>821</u>	<u>65.7</u>	<u>8.0</u>	<u>560</u>	—	<u>16</u>	
<u>823</u>	<u>65.9</u>	<u>8.0</u>	<u>550</u>	—	<u>24</u>	

Did Well Dewater? N If yes, gals. \_\_\_\_\_ Gallons Actually Evacuated: 24

Sampling Time: 830

Sample I.D.: MW3 Laboratory: SEA

Analyzed for: TDHC, BTEX

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

Analyzed for: \_\_\_\_\_

Shipping Notations: \_\_\_\_\_

Additional Notations: \_\_\_\_\_

# CHEVRON WELL MONITORING DATA SHEET

Project #: <u>941130-66</u>	Station # 9- <u>0020</u>
Sampler: <u>KCB</u>	Date Sampled: <u>11/30</u>
Well I.D.: <u>MW4</u>	Well Diameter: (circle one) 2 3 4 6 <u>    </u>
Total Well Depth: Before <u>3286</u> After <u>    </u>	Depth to Water: Before <u>2134</u> After <u>    </u>
Depth to Free Product: <u>    </u>	Thickness of Free Product (feet): <u>    </u>
Measurements referenced to: <u>(FVC)</u>	Grade <u>    </u> Other <u>--</u>

<u>7.5</u>	<u>x</u>	<u>3</u>	<u>=</u>	<u>22.5</u>
1 Case Volume		Specified Volumes		gallons

Purging: Bailer Middleburg Electric Submersible Suction Pump Type of Installed Pump <u>    </u>	Sampling: Bailer <input checked="" type="checkbox"/> Middleburg Electric Submersible Suction Pump Installed Pump
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TIME	TEMP. (F)	pH	COND.	TURBIDITY:	VOLUME REMOVED:	OBSERVATIONS:
<u>752</u>	<u>63.8</u>	<u>7.9</u>	<u>900</u>	<u>—</u>	<u>8</u>	
<u>754</u>	<u>65.2</u>	<u>7.9</u>	<u>920</u>	<u>—</u>	<u>16</u>	
<u>800</u>	<u>65.0</u>	<u>8.0</u>	<u>900</u>	<u>—</u>	<u>24</u>	

Did Well Dewater?  If yes, gals.      Gallons Actually Evacuated: 24

Sampling Time: 810

Sample I.D.: MW4 Laboratory: Seb

Analyzed for: TPH, BTEX

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

Analyzed for:     

Shipping Notations:     

Additional Notations:

# CHEVRON WELL MONITORING DATA SHEET

Project #: <u>941130-K1</u>		Station # 9- <u>0020</u>	
Sampler: <u>KCB</u>		Date Sampled: <u>11/30</u>	
Well I.D.: <u>NW 17</u>		Well Diameter: (circle one) 2 3 4 6 <u>   </u>	
Total Well Depth:		Depth to Water:	
Before	After	Before	After
Depth to Free Product:		Thickness of Free Product (feet):	
Measurements referenced to:    PVC            Grade            Other --			

<del>X</del> 1 Case Volume                      Specified Volumes                      =                      gallons	
Purging: Bailer Middleburg Electric Submersible Suction Pump Type of Installed Pump	Sampling: Bailer Middleburg Electric Submersible Suction Pump Installed Pump

TIME	TEMP. (F)	pH	COND.	TURBIDITY:	VOLUME REMOVED:	OBSERVATIONS:
						Extractor Pump in Place unable to Remove                      No Gauging Port unable to Sample "Gauge"

Did Well Dewater?	If yes, gals.	Gallons Actually Evacuated:
Sampling Time:		
Sample I.D.:		Laboratory:
Analyzed for:		
Duplicate I.D.:		Cleaning Blank I.D.:
Analyzed for:		
Shipping Notations:		
Additional Notations:		

# CHEVRON WELL MONITORING DATA SHEET

Project #: <u>941130-101</u>	Station # 9- <u>0020</u>
Sampler: <u>KCA</u>	Date Sampled: <u>11/30</u>
Well I.D.: <u>MW9</u>	Well Diameter: (circle one) <u>2</u> 3 4 6
Total Well Depth: Before <u>2368</u> After	Depth to Water: Before <u>1998</u> After
Depth to Free Product: _____	Thickness of Free Product (feet): _____
Measurements referenced to: <u>PVC</u>	Grade Other --

<u>0.6</u>	x	<u>3</u>	=	<u>1.8</u>
1 Case Volume		Specified Volumes		gallons

Purging: ~~Bailer~~ DSR  
 Middleburg  
 Electric Submersible  
 Suction Pump  
 Type of Installed Pump \_\_\_\_\_

Sampling: ~~Bailer~~ Dis.  
 Middleburg  
 Electric Submersible  
 Suction Pump  
 Installed Pump

TIME	TEMP. (F)	pH	COND.	TURBIDITY:	VOLUME REMOVED:	OBSERVATIONS:
<u>933</u>	<u>68.7</u>	<u>8.0</u>	<u>880</u>	<u>—</u>	<u>1.0</u>	<u>light grey</u>
<u>935</u>	<u>69.0</u>	<u>8.0</u>	<u>900</u>	<u>—</u>	<u>1.5</u>	<u>gas odor</u>
<u>936</u>	<u>69.3</u>	<u>7.9</u>	<u>910</u>	<u>—</u>	<u>2.0</u>	

Did Well Dewater? N If yes, gals. — Gallons Actually Evacuated: 2

Sampling Time: 940

Sample I.D.: MW9 Laboratory: Se

Analyzed for: TPH, BTEX

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

Analyzed for: \_\_\_\_\_

Shipping Notations: \_\_\_\_\_

Additional Notations: \_\_\_\_\_

# CHEVRON WELL MONITORING DATA SHEET

Project #: <u>941130-K1</u>	Station # 9- <u>0020</u>
Sampler: <u>KCB</u>	Date Sampled: <u>11/30</u>
Well I.D.: <u>MW10</u>	Well Diameter: (circle one) <u>(2)</u> 3 4 6
Total Well Depth: Before <u>2292</u> After	Depth to Water: Before <u>1970</u> After
Depth to Free Product: _____	Thickness of Free Product (feet): _____
Measurements referenced to: <u>(PVC)</u>	Grade Other --

<u>0.5</u>	x	<u>3</u>	=	<u>1.5</u>
1 Case Volume		Specified Volumes		gallons

Purging: Bailer Disp  
 Middleburg  
 Electric Submersible  
 Suction Pump  
 Type of Installed Pump \_\_\_\_\_

Sampling: Bailer Disp  
 Middleburg  
 Electric Submersible  
 Suction Pump  
 Installed Pump

TIME	TEMP. (F)	pH	COND.	TURBIDITY:	VOLUME REMOVED:	OBSERVATIONS:
<u>912</u>	<u>68.5</u>	<u>7.9</u>	<u>800</u>	<u>-</u>	<u>0.5</u>	
<u>914</u>	<u>69.1</u>	<u>8.0</u>	<u>780</u>	<u>-</u>	<u>1.0</u>	
<u>915</u>	<u>69.3</u>	<u>7.9</u>	<u>780</u>	<u>-</u>	<u>1.5</u>	

Did Well Dewater? N If yes, gals. \_\_\_\_\_ Gallons Actually Evacuated: 1.5

Sampling Time: 920

Sample I.D.: MW10 Laboratory: Self

Analyzed for: TPH, BTEX

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

Analyzed for: \_\_\_\_\_

Shipping Notations: \_\_\_\_\_

Additional Notations: \_\_\_\_\_

# CHEVRON WELL MONITORING DATA SHEET

Project #: <u>94130-K1</u>	Station # 9- <u>0020</u>
Sampler: <u>KCP</u>	Date Sampled: <u>11/30</u>
Well I.D.: <u>NW13</u>	Well Diameter: (circle one) <u>(2)</u> 3 4 6
Total Well Depth: Before <u>2740</u> After	Depth to Water: Before <u>2041</u> After
Depth to Free Product: _____	Thickness of Free Product (feet): _____
Measurements referenced to: <u>(PVC)</u> Grade Other --	

<u>1.1</u>	x	<u>3</u>	=	<u>3.3</u>
1 Case Volume		Specified Volumes		gallons

Purging: Bailer  
 Middleburg  
 Electric Submersible  
 Suction Pump  
 Type of Installed Pump \_\_\_\_\_

Sampling: Bailer  
 Middleburg  
 Electric Submersible  
 Suction Pump  
 Installed Pump \_\_\_\_\_

TIME	TEMP. (F)	pH	COND.	TURBIDITY:	VOLUME REMOVED:	OBSERVATIONS:
<u>954</u>	<u>67.3</u>	<u>7.9</u>	<u>870</u>	<u>—</u>	<u>1.5</u>	<u>light grey</u>
<u>956</u>	<u>67.7</u>	<u>8.0</u>	<u>880</u>	<u>—</u>	<u>2.5</u>	<u>clear</u>
<u>958</u>	<u>67.3</u>	<u>8.0</u>	<u>880</u>	<u>—</u>	<u>3.5</u>	<u>light grey</u>

Did Well Dewater? N If yes, gals. \_\_\_\_\_ Gallons Actually Evacuated: 3.5

Sampling Time: 1005

Sample I.D.: NW13 Laboratory: SEP

Analyzed for: TDH6, BTEX

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

Analyzed for: \_\_\_\_\_

Shipping Notations: \_\_\_\_\_

Additional Notations: \_\_\_\_\_

# CHEVRON WELL MONITORING DATA SHEET

Project #: <u>94130-101</u>	Station # 9- <u>0020</u>
Sampler: <u>KCB</u>	Date Sampled: <u>11/30</u>
Well I.D.: <u>MW15</u>	Well Diameter: (circle one) <u>2</u> 3 4 6
Total Well Depth: Before <u>2625</u> After	Depth to Water: Before <u>2001</u> After
Depth to Free Product: <u>—</u>	Thickness of Free Product (feet):
Measurements referenced to: <u>(FVC)</u> Grade Other --	

<u>1.0</u>	x	<u>3</u>	=	<u>3.0</u>
1 Case Volume		Specified Volumes		gallons

Purging: Bailer DSP  
 Middleburg  
 Electric Submersible  
 Suction Pump  
 Type of Installed Pump \_\_\_\_\_

Sampling: Bailer DSP  
 Middleburg  
 Electric Submersible  
 Suction Pump  
 Installed Pump \_\_\_\_\_

TIME	TEMP. (F)	pH	COND.	TURBIDITY:	VOLUME REMOVED:	OBSERVATIONS:
<u>1020</u>	<u>67.4</u>	<u>8.0</u>	<u>640</u>	<u>—</u>	<u>1</u>	<u>fishy br</u>
<u>1022</u>	<u>67.8</u>	<u>8.0</u>	<u>640</u>	<u>—</u>	<u>2</u>	
<u>1024</u>	<u>67.9</u>	<u>8.0</u>	<u>640</u>	<u>—</u>	<u>3</u>	

Did Well Dewater? N If yes, gals. \_\_\_\_\_ Gallons Actually Evacuated: 3

Sampling Time: 1030

Sample I.D.: MW15 Laboratory: SCH

Analyzed for: TPH, BTEX

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

Analyzed for:

Shipping Notations:

Additional Notations:



# CHEVRON WELL MONITORING DATA SHEET

Project #: <u>941130-K1</u>	Station # 9- <u>0020</u>
Sampler: <u>KES</u>	Date Sampled: <u>11/30</u>
Well I.D.: <u>NW18</u>	Well Diameter: (circle one) <u>2</u> 3 4 6
Total Well Depth: Before <u>2640</u> After	Depth to Water: Before <u>2028</u> After
Depth to Free Product:	Thickness of Free Product (feet):
Measurements referenced to: <u>(PVC)</u>	Grade      Other --

<u>1.0</u>	<u>x</u>	<u>3</u>	<u>=</u>	<u>3.0</u>
1 Case Volume		Specified Volumes		gallons

Purging: <u>Bailer DSP</u> Middleburg Electric Submersible Suction Pump Type of Installed Pump _____	Sampling: <u>Bailer DSP</u> Middleburg Electric Submersible Suction Pump Installed Pump _____
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TIME	TEMP. (F)	pH	COND.	TURBIDITY:	VOLUME REMOVED:	OBSERVATIONS:
<u>1045</u>	<u>68.4</u>	<u>8.0</u>	<u>800</u>	<u>—</u>	<u>1</u>	
<u>1047</u>	<u>67.8</u>	<u>7.9</u>	<u>720</u>	<u>—</u>	<u>2</u>	
<u>1049</u>	<u>68.3</u>	<u>7.9</u>	<u>710</u>	<u>—</u>	<u>3</u>	

Did Well Dewater? N if yes, gals. — Gallons Actually Evacuated: 3

Sampling Time: 1055

Sample I.D.: NW18      Laboratory: SCG

Analyzed for: TPH, BTEX

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

Analyzed for:

Shipping Notations:

Additional Notations: