



**Chevron**

SNC 431

June 23, 1999

**Chevron Products Company**  
6001 Bollinger Canyon Road  
Building L, Room 1080  
PO Box 6004  
San Ramon, CA 94583-0904

Mr. Ravi Arulananthum  
RWQCB San Francisco Bay Region  
2101 Webster Street, Suite 500  
Oakland, CA 94612

**Philip R. Briggs**  
Project Manager  
Site Assessment & Remediation  
Phone 925 842-9136  
Fax 925 842-8370

**Re: Chevron Former Asphalt Plant #206265(1001067)**  
~~Powell Street and Lauregan Street~~  
**Emeryville, California**

Dear Mr. Arulananthum:

Enclosed is the Second Quarter Groundwater Monitoring Report for 1999 that was prepared by our consultant Blaine Tech Services Inc. for the above noted site. Ground water samples were collected and analyzed for TPH-g, BTEX, MtBE and HVOC constituents. Monitoring wells MW-2A, MW-7, MW-8, MW-10, MW-11, MW-13, MW-15, MW-17, MW-18 and MW-19A are sampled semi-annually (2<sup>nd</sup> and 4<sup>th</sup> quarters).

The concentrations were below method detection limits for all constituents in monitoring wells MW-7, MW-8, MW-11, MW-13 and MW-18, while in monitoring well MW-10 the BTEX and TPH-g constituents were below method detection limits. In monitoring well MW-2A the TEX and MtBE constituents were below method detection limits. Monitoring wells MW-13, MW-17, and MW-19A were inaccessible due to cars parked over the wells. No sample was taken from well MW-15 due to the well being filled with dirt and a slow recharge.

HVOC's were below method detection limits in monitoring wells MW-2A, MW-7, MW-8 and MW-13 for all of the ten analytes sampled. The method detection limit for well MW-2A was <1.25ppb for all constituents except VC, which was <2.50. In well MW-10 the HVOC's were below method detection limits in six of the ten analytes sampled, while in well MW-11 the HVOC's were below method detection limits in seven of the ten analytes sampled. In well MW-18 the HVOC's were below method detection limits in four of the ten analytes sampled.

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ENVIRONMENTAL PROTECTION

June 23, 1999  
Mr. Arulananthum  
Former Chevron Asphalt Plant #206265 (1001067)  
Page 2

Depth to ground water varied from 2.62 feet to 5.75 feet below grade with a direction of flow southwesterly.

Chevron will continue to monitor the site as noted above. If you have any question, call me at (925) 842-9136.

Sincerely,  
**CHEVRON PRODUCTS COMPANY**



Philip R. Briggs  
Site Assessment and Remediation Project Manager

Enclosure

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

Ms. Bette Owen, Chevron



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

June 9, 1999

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

## 2nd Quarter 1999 Monitoring at 206265

Second Quarter 1999 Groundwater Monitoring at  
Former Chevron Service Station Number 206265  
Powell and Landregan  
Emeryville, CA

Monitoring Performed on April 15, 1999

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### Groundwater Sampling Report 990415-J-1

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

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

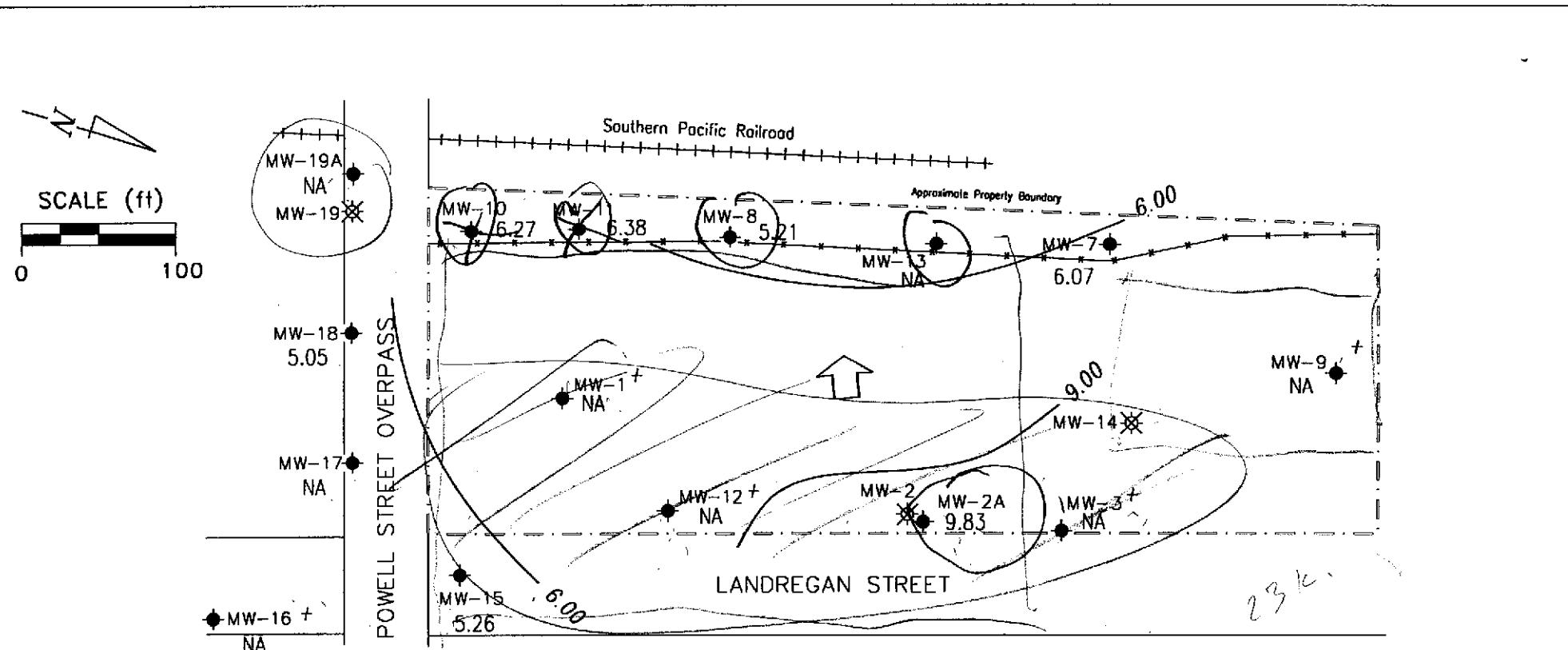


Christine Lillie  
Project Coordinator

CAL/sb

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

# **Professional Engineering Appendix**



EXPLANATION:

- Groundwater monitoring well
- Abandoned groundwater monitoring well
- + Well not located, buried or destroyed
- 5.26 Groundwater elevation (ft, msl)
- 6.00 — Groundwater elevation contour (ft, msl)
- NA Data not available
- ↗ Approximate groundwater flow direction;  
Approximate gradient = 0.01

Ref. 206265-gm.dwg  
Basemap from Gettler-Ryan, Inc.

PREPARED BY

**RRM**  
engineering contracting firm

Former Chevron Asphalt Plant 206265  
and Terminal No. 206265  
Emeryville, California

GROUNDWATER ELEVATION CONTOUR MAP,  
APRIL 15, 1999

FIGURE:  
**1**  
PROJECT:  
DAC04



# **Table of Well Data and Analytical Results**

## Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.				Volumetric Measurements are in gallons.				Analytical results are in parts per billion (ppb)						
DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	SPH Thickness	SPH Removed	Total SPH Removed	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE	Oil & Grease
<b>MW-1</b>								--	99	--	--	6.0	--	--
04/26/85	10.67	--	--	--	--	--	--	--	63	--	--	--	--	--
09/11/87	10.67	--	--	--	--	--	--	<100	55	--	--	--	--	--
07/07/88	10.67	--	--	--	--	--	--	--	--	--	--	--	--	--
04/13/89	10.67	6.95	3.72	--	--	--	+	--	34	<5.0	<5.0	<10	--	--
04/14/89	10.67	--	--	--	--	--	+	7000	57	1.2	<0.2	1.6	--	--
07/31/89	10.67	4.95	5.72	--	--	--	+	--	26	0.4	0.9	2.0	--	--
12/08/89	10.67	5.87	4.80	--	--	--	+	3500	120	9.0	3.0	3.0	--	--
03/21/90	10.67	5.93	4.74	--	--	--	+	2700	100	<0.3	<0.3	7.0	--	--
06/19/90	10.67	5.92	4.75	--	--	--	+	--	--	--	--	--	--	--
09/20/90	10.67	5.60	5.07	--	--	--	+	2200	120	2.0	2.0	0.79	--	--
09/21/90	10.67	--	--	--	--	--	+	720	44	2.0	<0.5	9.0	--	--
12/28/90	10.67	5.76	4.91	--	--	--	+	530	47	2.0	0.5	8.0	--	--
05/10/91	10.67	5.37	5.30	--	--	--	+	1400	37	8.3	3.7	12	--	--
08/08/91	10.67	4.82	5.85	--	--	--	+	840	16	7.1	4.5	11	--	--
11/27/91	10.67	5.54	5.13	--	--	--	+	350	18	9.3	3.7	7.7	--	--
01/29/92	10.67	5.85	4.82	--	--	--	+	420*	19	2.2	1.2	4.0	--	--
03/26/92	10.67	6.35	4.32	--	--	--	+	4000*	50	82	40	160	--	--
07/23/92	10.67	5.25	5.42	--	--	--	+	980	36	6.7	3.0	10	--	--
10/28/92	10.67	5.11	5.56	--	--	--	+	650	9.4	2.4	1.2	4.5	--	--
05/04/93	10.67	4.37	6.30	--	--	--	+	--	--	--	--	--	--	--
01/05/94	10.67	--	--	--	--	--	Inaccessible	--	--	--	--	--	--	--

NO LONGER MONITORED OR SAMPLED

+ See Table of Additional Analyses

\* Chromatogram pattern indicates an unidentified hydrocarbon.

## Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Volumetric Measurements are in gallons.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	SPH Thickness	SPH Removed	Total SPH Removed	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE	Oil & Grease
<b>MW-2</b>														
04/26/85	13.78	--	--	--	--	--	--	--	<10	--	--	--	--	--
09/11/87	13.78	--	--	--	--	--	--	--	--	--	--	--	--	--
07/07/88	13.78	--	--	--	--	--	--	<100	<5.0	--	--	--	--	--
04/13/89	13.78	11.16	2.62	--	--	--	--	--	--	--	--	--	--	--
4/14/89*	13.78	--	--	--	--	--	--	<100	<0.2	<0.2	<0.2	<0.4	--	--
07/31/89	13.78	9.15	4.63	--	--	--	+	<100	<0.2	<1.0	<0.2	<0.4	--	--
12/08/89	13.78	7.80	5.98	--	--	--	+	--	<0.3	<0.3	<0.3	<0.6	--	--
03/21/90	13.78	7.93	5.85	--	--	--	+	<50	<0.3	<0.3	<0.3	<0.6	--	--
06/19/90	13.78	7.83	5.95	--	--	--	+	<50	<0.3	<0.3	<0.3	<0.6	--	--
09/20/90	13.78	6.92	6.86	--	--	--	+	--	--	--	--	--	--	--
09/21/90	13.78	--	--	--	--	--	+	<50	<1.5	<1.5	<1.5	<4.5	--	--
12/28/90	13.78	7.44	6.34	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	--	--
05/10/91	13.78	7.82	5.96	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	--	--
08/08/91	13.78	6.12	7.66	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	--	--
11/27/91	13.78	5.74	8.04	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/29/92	13.78	7.77	6.01	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	--	--
03/26/92	13.78	7.68	6.10	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	--	--
07/23/92	13.78	6.39	7.39	--	--	--	+	<50	<0.5	<0.5	<0.5	0.8	--	--
10/28/92	13.78	6.27	7.51	--	--	--	+	55	1.3	6.9	1.1	5.1	--	--
05/04/93	13.78	--	--	--	--	--	Inaccessible	--	--	--	--	--	--	--
01/05/94	13.78	--	--	--	--	--	Inaccessible	--	--	--	--	--	--	--
10/24/94	13.78	--	--	--	--	--	Dry	--	--	--	--	--	--	--
04/19/95	13.78	11.28	2.51	0.01	--	--	--	--	--	--	--	--	--	--
11/06/95	13.78	--	--	--	--	--	Abandoned	--	--	--	--	--	--	--

+ See Table of Additional Analyses.

## Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.				Volumetric Measurements are in gallons.				Analytical results are in parts per billion (ppb)						
DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	SPH Thickness	SPH Removed	Total SPH Removed	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE	Oil & Grease
<b>MW-2A</b>														
11/06/95	12.45	7.94	4.51	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
04/26/96	12.45	8.35	4.10	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
10/10/96	12.45	7.13	5.32	--	--	--	+	60*	<0.5	<0.5	<0.5	<0.5	<5.0	--
04/22/97	12.45	8.50	3.95	--	--	--	+	<50	0.8	<0.5	<0.5	<0.5	<5.0	--
10/16/97	12.45	7.77	4.68	--	--	--	+	80	<0.5	<0.5	<0.5	<0.5	<5.0	--
05/04/98	12.45	8.91	3.54	--	--	--	+	96*	<0.5	<0.5	<0.5	<0.5	<5.0	--
10/27/98	12.45	7.31	5.14	--	--	--	+	170*	<0.5	<0.5	<0.5	<0.5	<2.5	--
10/27/98	12.45	7.31	5.14	--	--	--	Confirmation run		--	--	--	9.6	44	--
04/15/99	12.45	9.83	2.62	--	--	--	+	116	0.609	<0.5	<0.5	<0.5	<2.0	--

+ See Table of Additional Analyses

\* Chromatogram pattern indicates an unidentified hydrocarbon.

## Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.				Volumetric Measurements are in gallons.				Analytical results are in parts per billion (ppb)						
DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	SPH Thickness	SPH Removed	Total SPH Removed	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE	Oil & Grease
<b>MW-3</b>														
04/26/85	11.73	--	--	--	--	--	--	--	<10	--	--	--	--	--
09/11/87	11.73	--	--	--	--	--	--	--	<0.5	--	--	--	--	--
07/07/88	11.73	--	--	--	--	--	--	<100	<5.0	--	--	--	--	--
04/13/89	11.73	9.39	2.34	--	--	--	--	--	--	--	--	--	--	--
04/14/89	11.73	--	--	--	--	--	--	<100	<0.2	<0.2	<0.2	<0.4	--	<3,000,000
07/31/89	11.73	6.94	4.79	--	--	--	+	<100	<0.2	<1.0	<0.2	<0.4	--	--
12/08/89	11.73	8.70	3.03	--	--	--	+	--	<0.3	<0.3	<0.3	<0.6	--	--
03/21/90	11.73	9.18	2.55	--	--	--	+	<50	<0.3	<0.3	<0.3	<0.6	--	--
06/19/90	11.73	8.97	2.76	--	--	--	+	<50	<0.3	<0.3	<0.3	<0.6	--	--
09/20/90	11.73	7.30	4.43	--	--	--	+	--	--	--	--	--	--	--
09/21/90	11.73	--	--	--	--	--	+	<50	<0.3	<0.3	<0.3	<0.6	--	--
12/28/90	11.73	8.06	3.67	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	--	--
05/10/91	11.73	8.90	2.83	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	--	--
08/08/91	11.73	6.64	5.09	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	--	--
11/27/91	11.73	6.36	5.37	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/29/92	11.73	8.27	3.46	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	--	--
03/26/92	11.73	9.63	2.10	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	--	--
07/23/92	11.73	7.13	4.60	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/28/92	11.73	6.66	5.07	--	--	--	+	92	1.8	12	2.0	10	--	--
05/04/93	11.73	--	--	--	--	--	Inaccessible	--	--	--	--	--	--	--
01/05/94	11.73	--	--	--	--	--	Inaccessible	--	--	--	--	--	--	--

NO LONGER MONITORED OR SAMPLED

### MW-4

04/26/85	--	--	--	--	--	--	--	3100	<10	--	--	--	--	--
09/11/87	--	--	--	--	--	--	--	--	<0.5	--	--	--	--	--
07/07/88	--	--	--	--	--	--	--	<100	<5.0	--	--	--	--	--
04/13/89	--	--	2.12	--	--	--	--	--	--	--	--	--	--	--
04/14/89	--	--	--	--	--	--	+	380*	<0.5	<1.0	<1.0	<1.0	<1.0	<3,000,000

NO LONGER MONITORED OR SAMPLED

+ See Table of Additional Analyses.

\* TPH was reported as Diesel #2.

## Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.				Volumetric Measurements are in gallons.				Analytical results are in parts per billion (ppb)						
DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	SPH Thickness	SPH Removed	Total SPH Removed	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE	Oil & Grease
<b>MW-5</b>														
04/26/85	--	--	--	--	--	--	--	1600	<100	--	--	--	--	--
09/11/87	--	--	--	--	--	--	--	--	<10	--	--	--	--	--
07/07/88	--	--	--	--	--	--	--	<100	<5.0	--	--	--	--	--
04/13/89	--	--	2.79	--	--	--	--	--	--	--	--	--	--	--
04/14/89	--	--	--	--	--	--	+	4300*	<0.5	<1.0	<1.0	<1.0	<1.0	<3,000,000
NO LONGER MONITORED OR SAMPLED														
<b>MW-6</b>														
04/26/85	--	--	--	--	--	--	--	580	<100	--	--	--	--	--
09/11/87	--	--	--	--	--	--	--	--	<10	--	--	--	--	--
07/07/88	--	--	--	--	--	--	--	8000	<5.0	--	--	--	--	--
04/13/89	--	--	1.90	--	--	--	--	--	--	--	--	--	--	--
04/14/89	--	--	--	--	--	--	+	3300*	<0.5	<1.0	<1.0	<1.0	<1.0	<3,000,000
NO LONGER MONITORED OR SAMPLED														

+ See Table of Additional Analyses.

\* TPH was reported as Diesel #2.

## Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Volumetric Measurements are in gallons.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	SPH Thickness	SPH Removed	Total SPH Removed	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE	Oil & Grease
<b>MW-7</b>														
04/26/85	10.47	--	--	--	--	--	--	700	ND	--	--	--	--	--
09/11/87	10.47	--	--	--	--	--	--	--	<10	--	--	--	--	--
07/07/88	10.47	--	--	--	--	--	--	17,000	<5.0	--	--	--	--	--
04/13/89	10.47	8.57	1.90	--	--	--	--	--	--	--	--	--	--	--
04/14/89	10.47	--	--	--	--	--	+	<50	<0.5	<1.0	<1.0	<1.0	--	<3,000,000
07/31/89	10.47	6.23	4.24	--	--	--	+	160*	<0.1	<0.5	<0.1	<0.2	--	--
07/31/89	10.47	--	--	--	--	--	+	100*	<0.1	<0.5	<0.1	<0.2	--	--
12/08/89	10.47	7.82	2.65	--	--	--	+	--	<0.3	<0.3	<0.3	<0.6	--	--
03/21/90	10.47	7.71	2.76	--	--	--	+	<50	<0.3	<0.3	<0.3	0.6	--	--
06/19/90	10.47	7.23	3.24	--	--	--	+	<50	<0.3	<0.3	<0.3	0.6	--	--
09/20/90	10.47	5.90	4.57	--	--	--	+	--	--	--	--	--	--	--
09/21/90	10.47	--	--	--	--	--	+	<50	1.5	<0.3	<0.3	<0.6	--	--
12/28/90	10.47	7.35	3.12	--	--	--	+	<50	0.7	<0.5	<0.5	0.7	--	--
05/10/91	10.47	6.94	3.53	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	--	--
08/08/91	10.47	5.83	4.64	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	--	--
11/27/91	10.47	6.81	3.66	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/29/92	10.47	7.23	3.24	--	--	--	+	<50	<0.5	<0.5	<0.5	0.9	--	--
03/26/92	10.47	7.86	2.61	--	--	--	+	<50	<0.5	<0.5	<0.5	0.9	--	--
07/23/92	10.47	6.28	4.19	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
10/28/92	10.47	6.08	4.39	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
05/04/93	10.47	--	--	--	--	--	Inaccessible	--	--	--	--	--	--	--
01/05/94	10.47	--	--	--	--	--	Inaccessible	--	--	--	--	--	--	--
05/13/94	10.47	6.06	4.41	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
10/24/94	10.47	5.44	5.03	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
04/19/95	10.47	5.94	4.53	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
11/06/95	10.47	5.36	5.11	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0

CONTINUED ON NEXT PAGE

+ See Table of Additional Analyses.

\* TPH was reported as Diesel #2.

## Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.				Volumetric Measurements are in gallons.				Analytical results are in parts per billion (ppb)						
DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	SPH Thickness	SPH Removed	Total SPH Removed	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE	Oil & Grease
	<b>MW-7 (CONT'D)</b>													
04/26/96	10.47	6.07	4.40	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
10/10/96	10.47	5.45	5.02	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
04/22/97	10.47	5.93	4.54	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
10/16/97	10.47	6.05	4.42	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
05/04/98	10.47	6.05	4.42	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
10/27/98	10.47	5.66	4.81	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
04/15/99	10.47	6.07	4.40	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--

+ See Table of Additional Analyses.

## Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Volumetric Measurements are in gallons.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	SPH Thickness	SPH Removed	Total SPH Removed	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE	Oil & Grease
<b>MW-8</b>														
04/26/85	10.46	--	--	--	--	--		--	ND	--	--	--	--	--
09/11/87	10.46	--	--	--	--	--		--	<10	--	--	--	--	--
07/07/88	10.46	--	--	--	--	--		20,000	<5.0	--	--	--	--	--
04/13/89	10.46	7.66	2.80	--	--	--		--	--	--	--	--	--	--
04/14/89	10.46	--	--	--	--	--	+	<50	<0.5	<1.0	<1.0	<1.0	<3000	<3,000,000
07/31/89	10.46	4.76	5.70	--	--	--	+	<50	<0.1	<0.5	<0.1	<0.2	--	--
12/08/89	10.46	6.33	4.13	--	--	--	+	--	<0.3	<0.3	<0.3	<0.6	--	--
03/21/90	10.46	6.39	4.07	--	--	--	+	<50	<0.3	<0.3	<0.3	<0.6	--	--
06/19/90	10.46	6.21	4.25	--	--	--	+	<50	<0.3	<0.3	<0.3	<0.6	--	--
09/20/90	10.46	5.47	4.99	--	--	--	+	--	--	--	--	--	--	--
09/21/90	10.46	--	--	--	--	--	+	<50	6.0	<0.3	<0.3	<0.6	--	--
12/28/90	10.46	6.07	4.39	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	--	--
05/10/91	10.46	6.33	4.13	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	--	--
08/08/91	10.46	4.93	5.53	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	--	--
11/27/91	10.46	5.87	4.59	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/29/92	10.46	5.16	5.30	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	--	--
03/26/92	10.46	6.87	3.59	--	--	--	+	<50	<0.5	<0.5	<0.5	0.7	--	--
07/23/92	10.46	5.40	5.06	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/28/92	10.46	--	--	--	--	--	Inaccessible	--	--	--	--	--	--	--
05/04/93	10.46	--	--	--	--	--	Inaccessible	--	--	--	--	--	--	--
01/05/94	10.46	--	--	--	--	--	Inaccessible	--	--	--	--	--	--	--
05/13/94	10.46	4.87	5.59	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/24/94	10.46	--	--	--	--	--	Inaccessible	--	--	--	--	--	--	--
04/19/95	10.46	--	--	--	--	--	*	--	--	--	--	--	--	--
11/06/95	10.46	--	--	--	--	--	Inaccessible	--	--	--	--	--	--	--
04/26/96	10.46	--	--	--	--	--	Inaccessible	--	--	--	--	--	--	--
10/10/96	10.46	--	--	--	--	--	Inaccessible	--	--	--	--	--	--	--
04/22/97	10.46	4.67	5.79	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0
10/16/97	10.46	5.14	5.32	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0
05/04/98	10.46	4.91	5.55	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<2.5
10/27/98	10.46	4.49	5.97	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<2.5
04/15/99	10.46	5.21	5.25	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0

+ See Table of Additional Analyses.

\* Monitoring well was destroyed during soil excavation in 1989.

## Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Volumetric Measurements are in gallons.

Analytical results are in parts per billion (ppb)

DATE	Well	Ground	Depth	SPH Thickness	SPH Removed	Total SPH Removed	Notes	TPH- Gasoline	Benzene	Toluene	Ethyl- Benzene	Xylene	MTBE	Oil & Grease
	Head Elev.	Water Elev.	To Water											
<b>MW-9</b>														
04/26/85	--	--	--	--	--	--	--	--	--	--	--	--	--	--
09/11/87	--	--	--	--	--	--	--	--	--	--	--	--	--	--
07/07/88	--	--	--	--	--	--	--	400	--	--	--	--	--	--
05/10/91	--	--	--	--	--	--	Unable to locate	--	--	--	--	--	--	--

NO LONGER MONITORED OR SAMPLED

## Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.				Volumetric Measurements are in gallons.				Analytical results are in parts per billion (ppb)						
DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	SPH Thickness	SPH Removed	Total SPH Removed	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE	Oil & Grease
<b>MW-10</b>														
07/07/88	10.82	--	--	--	--	--	--	--	<5.0	--	--	--	--	--
04/14/89	10.82	--	--	--	--	--	+	<50	<0.5	<1.0	<1.0	<1.0	--	<3,000,000
07/31/89	10.82	--	--	--	--	--	+	<50	<0.1	<0.5	<0.1	<0.2	--	--
12/08/89	10.82	--	--	--	--	--	+	--	<0.3	<0.3	<0.3	<0.6	--	--
03/21/90	10.82	6.22	4.60	--	--	--	+	<50	<0.3	<0.3	<0.3	<0.6	--	--
06/19/90	10.82	5.93	4.89	--	--	--	+	<50	<0.3	<0.3	<0.3	<0.6	--	--
09/20/90	10.82	5.05	5.77	--	--	--	+	--	--	--	--	--	--	--
09/21/90	10.82	--	--	--	--	--	+	<50	<0.3	<0.3	<0.3	<0.6	--	--
12/28/90	10.82	5.83	4.99	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	--	--
05/10/91	10.82	5.02	5.80	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	--	--
08/08/91	10.82	4.96	5.86	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	--	--
11/27/91	10.82	5.43	5.39	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/29/92	10.82	5.38	5.44	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	--	--
03/26/92	10.82	5.86	4.96	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	--	--
07/23/92	10.82	5.02	5.80	--	--	--	+	<50	<0.5	1.8	0.5	1.9	--	--
10/28/92	10.82	4.76	6.06	--	--	--	+	<50	0.6	0.7	<0.5	1.2	--	--
05/04/93	10.82	--	--	--	--	--	Inaccessible	--	--	--	--	--	--	--
01/05/94	10.82	4.90	5.92	--	--	--	+	<50	<0.5	<0.5	<0.5	0.6	--	--
05/13/94	10.82	5.73	5.09	--	--	--	+	140	<0.5	<0.5	<0.5	1.3	--	--
10/24/94	10.82	4.58	6.24	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	--	--
04/19/95	10.82	5.56	5.26	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	--	--
11/06/95	10.82	4.57	6.25	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
04/26/96	10.82	--	--	--	--	--	Inaccessible	--	--	--	--	--	--	--
10/10/96	10.82	4.72	6.10	--	--	--	+	<50	<0.5	<0.5	<0.5	0.6	34	--
10/10/96	10.82	4.72	6.10	--	--	--	EPA 8240	--	--	--	--	--	<5.0	--
04/22/97	10.82	5.32	5.50	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
10/16/97	10.82	5.74	5.08	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	34	--
05/04/98	10.82	5.81	5.01	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	*	--
10/27/98	10.82	5.30	5.52	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
04/15/99	10.82	6.27	4.55	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	9.45	--

+ See Table of Additional Analyses.

\* Sample has ave chlorinated hydrocarbon pattern, needs GCMS confirmation of MTBE.

## Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.				Volumetric Measurements are in gallons.				Analytical results are in parts per billion (ppb)						
DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	SPH Thickness	SPH Removed	Total SPH Removed	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE	Oil & Grease
	<b>MW-11</b>													
07/07/88	11.38	-	--	-	-	-	--	-	<5.0	-	-	-	-	-
04/14/89	11.38	-	--	-	-	-	+	<50	<0.5	<1.0	<1.0	<1.0	<3000	-
07/31/89	11.38	-	--	-	-	-	+	<100	<0.2	<0.2	<0.2	<0.2	-	-
12/08/89	11.38	-	--	-	-	-	+	-	<0.3	<0.3	<0.3	<0.3	<0.6	-
03/21/90	11.38	6.56	4.82	-	-	-	+	<50	<0.3	<0.3	<0.3	<0.3	<0.6	-
06/19/90	11.38	6.24	5.14	-	-	-	+	<50	<0.3	<0.3	<0.3	<0.3	<0.6	-
09/20/90	11.38	5.27	6.11	-	-	-	+	-	-	-	-	-	-	-
09/21/90	11.38	-	--	-	-	-	+	<50	<0.3	<0.3	<0.3	<0.3	<0.6	-
12/28/90	11.38	6.22	5.16	-	-	-	+	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-
05/10/91	11.38	3.55	7.83	-	-	-	+	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-
08/08/91	11.38	5.06	6.32	-	-	-	+	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-
11/27/91	11.38	5.71	5.67	-	-	-	+	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-
01/29/92	11.38	5.55	5.83	-	-	-	+	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-
03/26/92	11.38	7.29	4.09	-	-	-	+	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-
07/23/92	11.38	5.19	6.19	-	-	-	+	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-
10/28/92	11.38	4.87	6.51	-	-	-	+	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-
05/04/93	11.38	-	--	-	-	-	Inaccessible	-	-	-	-	-	-	-
01/05/94	11.38	-	--	-	-	-	Inaccessible	-	-	-	-	-	-	-
05/13/94	11.38	5.71	5.67	-	-	-	+	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-
10/24/94	11.38	4.59	6.79	-	-	-	+	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-
04/19/95	11.38	5.69	5.69	-	-	-	+	58*	0.6	<0.5	<0.5	0.5	-	-
11/06/95	11.38	-	--	-	-	-	Inaccessible	-	-	-	-	-	-	-
04/26/96	11.38	-	--	-	-	-	Inaccessible	-	-	-	-	-	-	-
10/10/96	11.38	-	--	-	-	-	Inaccessible	-	-	-	-	-	-	-
04/22/97	11.38	5.44	5.94	-	-	-	+	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0
10/16/97	11.38	5.90	5.48	-	-	-	+	<50	<0.5	<0.5	<0.5	<0.5	<0.5	18
05/04/98	11.38	5.86	5.52	-	-	-	+	<50	<0.5	<0.5	<0.5	<0.5	<0.5	**
10/27/98	11.38	5.23	6.15	-	-	-	+	<50	<0.5	<0.5	<0.5	<0.5	<0.5	12
10/27/98	11.38	5.23	6.15	-	-	-	Confirmation run	-	-	-	-	-	-	<2.0
04/15/99	11.38	6.38	5.00	-	-	-	+	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0

+ See Table of Additional Analyses.

\* Chromatogram report indicates an unidentified hydrocarbon.

\*\* Sample has ave chlorinated hydrocarbon pattern, needs GCMS confirmation of MTBE.

## Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Volumetric Measurements are in gallons.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	SPH Thickness	SPH Removed	Total SPH Removed	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE	Oil & Grease
<b>MW-12</b>														
07/07/88	13.03	--	--	--	--	--	--	<100	<5.0	--	--	--	--	--
04/14/89	13.03	--	--	--	--	--	+	<50	<0.5	<1.0	<1.0	<1.0	--	<3,000,000
07/31/89	13.03	--	--	--	--	--	+	<100	<0.1	<0.5	<0.1	<0.2	--	--
12/08/89	13.03	--	--	--	--	--	+	--	<0.3	<0.3	<0.3	<0.6	--	--
03/21/90	13.03	6.27	6.76	--	--	--	+	<50	<0.3	<0.3	<0.3	<0.3	--	--
06/19/90	13.03	6.41	6.62	--	--	--	+	<50	<0.3	<0.3	<0.3	<0.3	--	--
09/20/90	13.03	8.03	5.00	--	--	--	+	--	--	--	--	--	--	--
09/21/90	13.03	--	--	--	--	--	+	<50	<0.3	<0.3	<0.3	<0.3	--	--
12/28/90	13.03	6.41	6.62	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	--	--
05/10/91	13.03	6.55	6.48	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	--	--
08/08/91	13.03	5.02	8.01	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	--	--
11/27/91	13.03	5.08	7.95	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/29/92	13.03	5.35	7.68	--	--	--	+	<50	<0.5	<0.5	<0.5	1.0	--	--
03/26/92	13.03	6.43	6.60	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	--	--
07/23/92	13.03	--	--	--	--	--	Unable to locate	--	--	--	--	--	--	--

NO LONGER MONITORED OR SAMPLED

+ See Table of Additional Analyses.

## Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Volumetric Measurements are in gallons.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	SPH Thickness	SPH Removed	Total SPH Removed	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE	Oil & Grease
<b>MW-13</b>														
03/21/90	11.15	7.07	4.08	--	--	--	+	480	<0.3	<0.3	1.0	5.0	--	--
06/19/90	11.15	6.81	4.34	--	--	--	+	180	<0.3	<0.3	0.8	3.0	--	--
09/20/90	11.15	5.84	5.31	--	--	--	+	150	<0.3	<0.3	<0.3	0.54	--	--
12/28/90	11.15	6.36	4.79	--	--	--	+	160	<0.5	<0.5	<0.5	1.0	--	--
05/10/91	11.15	6.95	4.20	--	--	--	+	110	<0.5	<0.5	<0.5	2.0	--	--
08/08/91	11.15	6.02	5.13	--	--	--	+	220*	<0.5	<0.5	<0.5	1.8	--	--
11/27/91	11.15	6.43	4.72	--	--	--	+	70	<0.5	<0.5	<0.5	1.2	--	--
01/29/92	11.15	6.46	4.69	--	--	--	+	150	<0.5	<0.5	3.1	7.1	--	--
03/26/92	11.15	7.11	4.04	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	--	--
07/23/92	11.15	6.03	5.12	--	--	--	+	190	<0.5	<0.5	<0.5	2.1	--	--
10/28/92	11.15	5.85	5.30	--	--	--	+	190	<0.5	<0.5	<0.5	2.0	--	--
05/04/93	11.15	--	--	--	--	--	Inaccessible	--	--	--	--	--	--	--
01/05/94	11.15	--	--	--	--	--	Inaccessible	--	--	--	--	--	--	--
05/13/94	11.15	5.87	5.28	--	--	--	+	220	<0.5	1.2	<0.5	1.7	--	--
10/24/94	11.15	5.11	6.04	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	--	--
04/19/95	11.15	5.78	5.37	--	--	--	+	140**	<0.5	<0.5	<0.5	1.2	--	--
11/06/95	11.15	5.02	6.13	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
04/26/96	11.15	5.93	5.22	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
10/10/96	11.15	--	--	--	--	--	Inaccessible	--	--	--	--	--	--	--
04/22/97	11.15	5.69	5.46	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
10/16/97	11.15	5.98	5.17	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
05/04/98	11.15	5.94	5.21	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
10/27/98	11.15	5.44	5.71	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
04/15/99	11.15	--	--	--	--	--	Inaccessible	--	--	--	--	--	--	--

+ See Table of Additional Analyses.

\* Monitoring well was destroyed during soil excavation in 1989.

\*\* Chromatogram report indicates an unidentified hydrocarbon.

## Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.				Volumetric Measurements are in gallons.				Analytical results are in parts per billion (ppb)						
DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	SPH Thickness	SPH Removed	Total SPH Removed	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE	Oil & Grease
	<b>MW-14</b>													
03/21/90	9.78	8.87	0.91	--	--	--	+	170	<0.3	<0.3	<0.4	2.0	--	--
06/19/90	9.78	8.75	1.03	--	--	--	+	77	<0.3	<0.3	<0.3	<0.6	--	--
09/20/90	9.78	7.25	2.53	--	--	--	+	<50	<0.3	<0.3	<0.3	<0.6	--	--
12/28/90	9.78	8.17	1.61	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	--	--
05/10/91	9.78	8.56	1.22	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	--	--
08/08/91	9.78	7.33	2.45	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	--	--
11/27/91	9.78	7.19	2.59	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/29/92	9.78	8.68	1.10	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	--	--
03/26/92	9.78	9.04	0.74	--	--	--	+	<50	0.6	<0.5	<0.5	0.8	--	--
07/23/92	9.78	7.48	2.30	--	--	--	+	<50	0.7	4.0	0.8	3.8	--	--
10/28/92	9.78	7.02	2.76	--	--	--	+	56	0.7	4.0	0.8	3.8	--	--
05/04/93	9.78	--	--	--	--	--	Well abandoned	--	--	--	--	--	--	--

+ See Table of Additional Analyses.

## Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Volumetric Measurements are in gallons.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	SPH Thickness	SPH Removed	Total SPH Removed	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE	Oil & Grease
<b>MW-15</b>														
03/21/90	11.01	6.29	4.72	--	--	--	+	<50	<0.3	<0.3	<0.3	<0.6	--	--
06/19/90	11.01	6.23	4.78	--	--	--	+	<50	<0.3	<0.3	<0.3	<0.6	--	--
09/20/90	11.01	6.03	4.98	--	--	--	+	<50	<0.3	<0.3	<0.3	<0.6	--	--
12/28/90	11.01	6.17	4.84	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	--	--
05/10/91	11.01	6.43	4.58	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	--	--
08/08/91	11.01	5.98	5.03	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	--	--
11/27/91	11.01	5.13	5.88	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/29/92	11.01	6.19	4.82	--	--	--	+	<50	1.9	2.6	0.8	2.6	--	--
03/26/92	11.01	6.66	4.35	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	--	--
07/23/92	11.01	5.97	5.04	--	--	--	+	<50	<0.5	<0.5	<0.5	0.5	--	--
10/28/92	11.01	5.84	5.17	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	--	--
05/04/93	11.01	--	--	--	--	--	Inaccessible	--	--	--	--	--	--	--
01/05/94	11.01	--	--	--	--	--	Inaccessible	--	--	--	--	--	--	--
05/13/94	11.01	6.51	4.50	--	--	--	+	110	<0.5	0.7	<0.5	2.0	--	--
10/24/94	11.01	5.84	5.17	--	--	--	+	<50	2.3	1.1	<0.5	<0.5	--	--
04/19/95	11.01	6.24	4.77	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	--	--
11/06/95	11.01	5.73	5.28	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
04/26/96	11.01	6.41	4.60	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
10/10/96	11.01	5.79	5.22	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
04/22/97	11.01	6.16	4.85	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
10/16/97	11.01	6.19	4.82	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
05/04/98	11.01	7.02	3.99	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
10/27/98	11.01	--	--	--	--	--	Inaccessible	--	--	--	--	--	--	--
04/15/99	11.01	5.26	5.75	--	--	--	--	--	--	--	--	--	--	--

+ See Table of Additional Analyses.

## Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.				Volumetric Measurements are in gallons.				Analytical results are in parts per billion (ppb)						
DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	SPH Thickness	SPH Removed	Total SPH Removed	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE	Oil & Grease
	<b>MW-16</b>													
03/21/90	11.11	5.27	5.84	--	--	--	+	<50	<0.3	<0.3	<0.3	<0.6	--	--
06/19/90	11.11	5.21	5.90	--	--	--	+	<50	<0.3	<0.3	<0.3	<0.6	--	--
09/20/90	11.11	4.75	6.36	--	--	--	+	<50	<0.3	<0.3	<0.3	<0.6	--	--
12/28/90	11.11	5.13	5.98	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	--	--
05/10/91	11.11	5.22	5.89	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	--	--
08/08/91	11.11	4.83	6.28	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	--	--
11/27/91	11.11	5.49	5.62	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/29/92	11.11	5.23	5.88	--	--	--	+	65	3.6	6.2	1.9	6.6	--	--
03/26/92	11.11	5.55	5.56	--	--	--	+	270	21	27	9.5	41	--	--
07/23/92	11.11	4.82	6.29	--	--	--	+	<50	<0.5	<0.5	<0.5	0.7	--	--
10/28/92	11.11	4.82	6.29	--	--	--	+	<50	0.9	1.4	<0.5	1.1	--	--
05/04/93	11.11	5.36	5.75	--	--	--	+	51	<0.5	1.0	0.6	1.7	--	--
01/05/94	11.11	--	--	--	--	--	Inaccessible	--	--	--	--	--	--	--

NO LONGER MONITORED OR SAMPLED

+ See Table of Additional Analyses.

## Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Volumetric Measurements are in gallons.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	SPH Thickness	SPH Removed	Total SPH Removed	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE	Oil & Grease
<b>MW-17</b>														
03/21/90	10.41	4.80	5.61	--	--	--	+	<50	<0.3	<0.3	<0.3	<0.6	--	--
06/19/90	10.41	--	--	--	--	--	+	<50	<0.3	<0.3	<0.3	<0.6	--	--
09/20/90	10.41	4.39	6.02	--	--	--	+	<50	<0.3	<0.3	<0.3	<0.6	--	--
12/28/90	10.41	4.68	5.73	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	--	--
05/10/91	10.41	4.76	5.65	--	--	--	+	<50	<0.5	<0.5	<0.5	0.8	--	--
08/08/91	10.41	4.47	5.94	--	--	--	+	82	1.9	2.5	0.9	5.4	--	--
11/27/91	10.41	4.41	6.00	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/29/92	10.41	4.80	5.61	--	--	--	+	<50	<0.5	0.9	<0.5	0.5	--	--
03/26/92	10.41	5.10	5.31	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	--	--
07/23/92	10.41	4.44	5.97	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/28/92	10.41	4.45	5.96	--	--	--	+	78	1.0	7.1	1.4	6.5	--	--
05/04/93	10.41	2.88	7.53	--	--	--	+	60	0.8	1.7	1.1	3.0	--	--
01/05/94	10.41	4.91	5.50	--	--	--	+	<50	<0.5	0.7	<0.5	<0.5	--	--
05/13/94	10.41	5.24	5.17	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/24/94	10.41	4.33	6.08	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	--	--
04/19/95	10.41	4.93	5.48	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	--	--
11/06/95	10.41	4.41	6.00	--	--	--	+	<50	<0.5	<0.5	<0.5	<5.0	--	--
04/26/96	10.41	4.96	5.45	--	--	--	+	<50	<0.5	<0.5	<0.5	<5.0	--	--
10/10/96	10.41	4.69	5.72	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
04/22/97	10.41	5.03	5.38	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
10/16/97	10.41	5.05	5.36	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
05/04/98	10.41	5.13	5.28	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<2.5
10/27/98	10.41	--	--	--	--	--	Inaccessible	--	--	--	--	--	--	--
04/15/99	10.41	--	--	--	--	--	Inaccessible	--	--	--	--	--	--	--

+ See Table of Additional Analyses.

## Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Volumetric Measurements are in gallons.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	SPH Thickness	SPH Removed	Total SPH Removed	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE	Oil & Grease
<b>MW-18</b>														
03/21/90	9.80	4.65	5.15	--	--	--	+	<50	<0.3	<0.3	<0.3	<0.6	--	--
06/19/90	9.80	4.61	5.19	--	--	--	+	<50	<0.3	<0.3	<0.3	<0.6	--	--
09/20/90	9.80	4.26	5.54	--	--	--	+	<50	<0.3	<0.3	<0.3	<0.6	--	--
12/28/90	9.80	4.54	5.26	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	--	--
05/10/91	9.80	4.62	5.18	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	--	--
08/08/91	9.80	4.35	5.45	--	--	--	+	52	<0.5	<0.5	<0.5	<0.5	--	--
11/27/91	9.80	4.56	5.24	--	--	--	+	<50	0.6	1.5	0.6	2.1	--	--
01/29/92	9.80	4.68	5.12	--	--	--	+	67	3.7	5.2	1.5	5.0	--	--
03/26/92	9.80	4.96	4.84	--	--	--	+	80	<0.5	<0.5	<0.5	0.8	--	--
07/23/92	9.80	4.31	5.49	--	--	--	+	50	1.3	2.1	0.5	3.0	--	--
10/28/92	9.80	4.33	5.47	--	--	--	+	54	<0.5	1.3	<0.5	1.1	--	--
05/04/93	9.80	4.73	5.07	--	--	--	+	<50	<0.5	<0.5	<0.5	<1.5	--	--
01/05/94	9.80	4.75	5.05	--	--	--	+	<50	<0.5	0.5	<0.5	0.6	--	--
05/13/94	9.80	5.04	4.76	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/24/94	9.80	4.15	5.65	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	--	--
04/19/95	9.80	4.70	5.10	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	--	--
11/06/95	9.80	4.23	5.57	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
04/26/96	9.80	4.73	5.07	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
10/10/96	9.80	--	--	--	--	--	Inaccessible	--	--	--	--	--	--	--
04/22/97	9.80	4.77	5.03	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
10/16/97	9.80	3.82	5.98	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
05/04/98	9.80	4.89	4.91	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
10/27/98	9.80	4.70	5.10	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
04/15/99	9.80	5.05	4.75	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--

+ See Table of Additional Analyses.

\* Sample has ave chlorinated hydrocarbon pattern, needs GCMS confirmation of MTBE.

## Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.				Volumetric Measurements are in gallons.				Analytical results are in parts per billion (ppb)						
DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	SPH Thickness	SPH Removed	Total SPH Removed	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE	Oil & Grease
<b>MW-19</b>														
03/21/90	8.45	3.45	5.00	--	--	--	+	<50	<0.3	<0.3	<0.3	<0.6	--	--
06/19/90	8.45	3.39	5.06	--	--	--	+	<50	<0.3	<0.3	<0.3	<0.6	--	--
09/20/90	8.45	3.20	5.25	--	--	--	+	<50	<0.3	<0.3	<0.3	<0.6	--	--
12/28/90	8.45	3.38	5.07	--	--	--	+	66	<0.5	<0.5	<0.5	<0.5	--	--
05/10/91	8.45	3.43	5.02	--	--	--	+	60*	<0.5	<0.5	<0.5	<0.5	--	--
08/08/91	8.45	3.28	5.17	--	--	--	+	58	<0.5	<0.5	<0.5	<0.5	--	--
11/27/91	8.45	3.39	5.06	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/29/92	8.45	3.52	4.93	--	--	--	+	<50	1.7	2.6	0.7	2.1	--	--
03/26/92	8.45	3.66	4.79	--	--	--	+	80	<0.5	<0.5	<0.5	<0.5	--	--
07/23/92	8.45	3.23	5.22	--	--	--	+	70	0.6	0.5	<0.5	1.5	--	--
10/28/92	8.45	3.29	5.16	--	--	--	+	170	4.3	28	5.1	24	--	--
05/04/93	8.45	3.52	4.93	--	--	--	+	120	2.0	4.7	2.8	8.1	--	--
01/05/94	8.45	3.54	4.91	--	--	--	+	<50	2.0	1.4	1.7	2.5	--	--
05/13/94	8.45	4.27	4.18	--	--	--	+	<50	<0.5	0.9	<0.5	<0.5	--	--
10/24/94	8.45	3.60	4.85	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	--	--
04/19/95	8.45	4.25	4.20	--	--	--	+	270**	<0.5	<0.5	<0.5	<0.5	--	--
11/06/95	8.45	--	--	--	--	--	Abandoned	--	--	--	--	--	--	--
<b>MW-19A</b>														
11/06/95	9.96	5.11	4.85	--	--	--	+	420	<0.5	<0.5	<0.5	<0.5	<5.0	--
04/26/96	9.96	5.78	4.18	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
10/10/96	9.96	5.40	4.56	--	--	--	+	610**	<0.5	<0.5	<0.5	<0.5	21	--
04/22/97	9.96	5.79	4.17	--	--	--	+	430**	<0.5	<0.5	<0.5	<0.5	<5.0	--
10/16/97	9.96	5.83	4.13	--	--	--	+	380	<0.5	<0.5	<0.5	<0.5	22	--
05/04/98	9.96	5.93	4.03	--	--	--	+	200**	<0.5	<0.5	<0.5	<0.5	--	--
05/04/98	9.96	5.93	4.03	--	--	--	+	--	--	--	--	--	<2.0	--
10/27/98	9.96	5.75	4.21	--	--	--	+	170**	<0.5	<0.5	<0.5	<0.5	12	--
10/27/98	9.96	5.76	4.21	--	--	--	Confirmation run	--	--	--	--	--	<2.0	--
04/15/99	9.96	--	--	--	--	--	Inaccessible	--	--	--	--	--	--	--

+ See Table of Additional Analyses.

\* Monitoring well was destroyed during soil excavation in 1989.

\*\* Chromatogram pattern indicates an unidentified hydrocarbon.

## Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.				Volumetric Measurements are in gallons.				Analytical results are in parts per billion (ppb)						
DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	SPH Thickness	SPH Removed	Total SPH Removed	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE	Oil & Grease
<b>TRIP BLANK</b>														
04/14/89	--	--	--	--	--	--	+	<50	<0.5	<1.0	<1.0	<1.0	--	--
07/31/89	AA	--	--	--	--	--	+	<50	<0.1	<0.5	<0.5	<0.2	--	--
12/08/89	--	--	--	--	--	--	+	--	<0.3	<0.3	<0.3	<0.6	--	--
03/21/90	--	--	--	--	--	--	+	<50	<0.3	<0.3	<0.3	<0.6	--	--
03/26/90	--	--	--	--	--	--	+	<50	<0.3	<0.3	<0.3	<0.6	--	--
06/19/90	--	--	--	--	--	--	+	<50	<0.3	<0.3	<0.3	<0.6	--	--
09/21/90	--	--	--	--	--	--	+	<50	<0.3	<0.3	<0.3	<0.6	--	--
12/28/90	--	--	--	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.6	--	--
05/10/91	--	--	--	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	--	--
08/08/91	--	--	--	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	--	--
11/27/91	--	--	--	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/29/92	--	--	--	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	--	--
03/26/92	--	--	--	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	--	--
07/23/92	--	--	--	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/28/92	--	--	--	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	--	--
05/04/93	--	--	--	--	--	--	+	<50	<0.5	<0.5	<0.5	<1.5	--	--
01/05/94	--	--	--	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	--	--
05/13/94	--	--	--	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/24/94	--	--	--	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	--	--
04/19/95	--	--	--	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	--	--
11/06/95	--	--	--	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	--	--
04/26/96	--	--	--	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/10/96	--	--	--	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	--	--
04/22/97	--	--	--	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/16/97	--	--	--	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	--	--
05/04/98	--	--	--	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	<2.5	<2.5
10/27/98	--	--	--	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0
04/15/99	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	<5.0

+ See Table of Additional Analyses.

## Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Volumetric Measurements are in gallons.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	SPH Thickness	SPH Removed	Total SPH Removed	Notes	TPH- Gasoline	Benzene	Toluene	Ethyl- Benzene	Xylene	MTBE	Oil & Grease
<b>BAILER BLANK</b>														
05/10/91	--	--	--	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	--	--
08/08/91	--	--	--	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	--	--
11/27/91	--	--	--	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/29/92	--	--	--	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	--	--
03/26/92	--	--	--	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	--	--
07/23/92	--	--	--	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/28/92	--	--	--	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	--	--
05/04/93	--	--	--	--	--	--	+	<50	<0.5	<0.5	<0.5	<1.5	--	--
01/05/94	--	--	--	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	--	--
05/13/94	--	--	--	--	--	--	+	<50	<0.5	<0.5	<0.5	<0.5	--	--

+ See Table of Additional Analyses.

## Cumulative Table of Well Data and Analytical Results

### ADDITIONAL ANALYSES

Analytical values are in parts per billion (ppb)

Date	Notes	1,1-DCE	1,2-DCE	t-1,2-DCE	c-1,2-DCE	1,1-DCA	1,1,1-TCA	TCE	PCE	CF	VC	Other HVOCS
<b>MW-1</b>												
04/14/89	--	<5.0	--	19	720	<5.0	<5.0	11	<5.0	<20	340	ND*
07/31/89	--	6.8	--	54	2600	2.7	7.2	57	<0.2	<1.0	760	ND**
12/08/89	--	4.3	2700	--	--	1.7	1.4	59	<0.5	<0.5	520	--
03/21/90	--	7.1	7000	--	--	2.1	1.1	130	<0.5	<0.5	1100	--
06/19/90	--	12	6100	--	--	3.1	<0.5	81	<0.5	<0.5	1200	--
09/21/90	--	1.8	2400	--	--	2.2	1.7	60	<0.5	<0.5	1100	ND***
12/28/90	--	2.0	--	28	1500	1.0	0.6	15	<0.5	<0.5	510	ND+
05/10/91	--	10	--	69	5500	2.0	<0.5	280	<0.5	<0.5	1800	ND++
08/08/91	--	2.9	--	45	2300	1.5	<0.5	110	<0.5	<0.5	<1.0	ND+++
11/27/91	--	<25	--	<25	5900	<25	<25	<25	<25	<25	540	<25
01/29/92	--	<25	--	26	1900	<25	<25	<25	<25	<25	320	<25
03/26/92	--	<50	--	<50	1500	<50	<50	<50	<50	<50	260	<50
07/23/92	--	<50	--	<50	2300	<50	<50	<50	<50	<50	170	<50
10/28/92	--	4.2	--	30	1600	3.6	<0.5	16	<0.5	<0.5	810	ND
05/04/93	--	1.0	--	16	670	0.5	<0.5	9.2	<0.5	<0.5	110	<0.5
01/05/94	Inaccessible	--	--	--	--	--	--	--	--	--	--	--
05/13/94	Paved over	--	--	--	--	--	--	--	--	--	--	--

\* = 6 ppb 1,2-dichloropropane detected; other HVOCs not detected.

\*\* = 0.6 ppb 1,2-dichloroethane detected; other HVOCs not detected.

\*\*\* = 63 ppb chloromethane and 0.6 ppb methylene chloride detected; other HVOCs not detected; sample contained 1,250 ppb total dissolved solids.

+ = 0.9 ppb trans-1,3-dichloropropane detected; other HVOCs not detected; sample contained 810 ppb total dissolved solids.

++ = 0.9 ppb trichlorofluoromethane and 1 ppb trans-1,3-dichloropropane detected; other HVOCs not detected.

+++ = 11 ppb trans-1,3-dichloropropene detected; other HVOCs not detected.

## Cumulative Table of Well Data and Analytical Results

### ADDITIONAL ANALYSES

Analytical values are in parts per billion (ppb)

Date	Notes	1,1-DCE	1,2-DCE	t-1,2-DCE	c-1,2-DCE	1,1-DCA	1,1,TCA	TCE	PCE	CF	VC	Other HVOCs
<b>MW-2</b>												
04/14/89	--	<0.2	<0.2	--	--	<0.2	<0.2	<0.2	<0.2	<1.0	<0.2	--
07/31/89	--	<0.2	<0.2	--	--	<0.4	0.5	<0.2	<0.2	<1.0	<0.2	--
12/08/89	--	<0.2	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	--
03/21/90	--	<0.2	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	--
06/19/90	--	<0.2	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	--
09/21/90	--	<0.2	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	--
12/28/90	--	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	--
05/10/91	--	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	ND
08/08/91	--	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	ND
11/27/91	--	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	ND
01/29/92	--	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	ND
03/26/92	--	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	ND
07/23/92	--	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5
10/28/92	--	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	ND
05/04/93	Inaccessible	--	--	--	--	--	--	--	--	--	--	--
01/05/94	Inaccessible	--	--	--	--	--	--	--	--	--	--	--
05/13/94	Inaccessible	--	--	--	--	--	--	--	--	--	--	--
10/24/94	Dry	--	--	--	--	--	--	--	--	--	--	--
11/06/95	Abandoned	--	--	--	--	--	--	--	--	--	--	--
<b>MW-2A</b>												
11/06/95	--	<1.0	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	ND
04/26/96	--	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.8	<0.5-<5.0
10/10/96	--	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.8	ND
04/22/97	--	<2.5	--	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<4.0	ND
10/16/97	--	<1.0	--	<1.0	<1.0	<1.0	<1.0	<10	<1.0	<1.0	<0.5	ND
05/04/98	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	ND
10/27/98	--	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	ND
04/15/99	--	<1.25	--	<1.25	<1.25	<1.25	<1.25	<1.25	<1.25	<1.25	<2.50	ND

## Cumulative Table of Well Data and Analytical Results

### ADDITIONAL ANALYSES

Analytical values are in parts per billion (ppb)

Date	Notes	1,1-DCE	1,2-DCE	t-1,2-DCE	c-1,2-DCE	1,1-DCA	1,1,1-TCA	TCE	PCE	CF	VC	Other HVOCs
<b>MW-3</b>												
04/14/89	--	<0.2	<0.2	--	--	<0.2	<0.2	<0.2	<0.2	<1.0	<0.2	--
07/31/89	--	<0.2	<0.2	--	--	<0.4	0.5	<0.2	<0.2	<1.0	<0.2	--
12/08/89	--	<0.2	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	--
03/21/90	--	<0.2	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	--
06/19/90	--	<0.2	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	--
09/21/90	--	<0.2	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	--
12/28/90	--	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	--
05/10/91	--	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	ND
08/08/91	--	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	ND
11/27/91	--	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	ND
01/29/92	--	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	ND
03/26/92	--	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	ND
07/23/92	--	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5
10/28/92	--	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	ND
05/04/93	Inaccessible	--	--	--	--	--	--	--	--	--	--	--
01/05/94	Inaccessible	--	--	--	--	--	--	--	--	--	--	--
05/13/94	Paved over	--	--	--	--	--	--	--	--	--	--	--
<b>MW-4</b>												
04/14/89	Well destroyed	<1.0	<1.0	--	--	2.0	<1.0	<1.0	<1.0	<2.0	<1.0	--
<b>MW-5</b>												
04/14/89	Well destroyed	<1.0	<1.0	--	--	2.0	<1.0	<1.0	<1.0	<2.0	<1.0	--
<b>MW-6</b>												
04/14/89	Well destroyed	<1.0	<1.0	--	--	2.0	<1.0	<1.0	<1.0	<2.0	<1.0	--

## Cumulative Table of Well Data and Analytical Results

### ADDITIONAL ANALYSES

Analytical values are in parts per billion (ppb)

Date	Notes	1,1-DCE	1,2-DCE	t-1,2-DCE	c-1,2-DCE	1,1-DCA	1,1,1-TCA	TCE	PCE	CF	VC	Other HVOCs
<b>MW-7</b>												
04/14/89	--	<1.0	<1.0	-	-	1.0	1.0	<1.0	<1.0	<2.0	<1.0	-
07/31/89	--	<0.1	0.3	-	-	0.3	4.5	<0.1	<0.1	<0.5	<0.1	ND*
07/31/89	--	<0.1	0.4	-	-	0.2	2.6	<0.1	<0.1	<0.5	<0.1	ND*
12/08/89	--	<0.2	<0.5	-	-	<0.5	0.67	<0.5	<0.5	<0.5	<1.0	-
03/21/90	--	<0.2	<0.5	-	-	<0.5	1.4	<0.5	<0.5	<0.5	<1.0	-
06/19/90	--	<0.2	<0.5	-	-	<0.5	0.67	<0.5	<0.5	<0.5	<1.0	-
09/21/90	--	<0.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	-
12/28/90	--	<0.5	-	<0.5	<0.5	<0.5	0.9	<0.5	<0.5	<0.5	<1.0	ND
05/10/91	--	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	ND
08/08/91	--	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	ND
11/27/91	--	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	ND
01/29/92	--	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	ND
03/26/92	--	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
07/23/92	--	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	ND
10/28/92	--	<0.5	-	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
05/04/93	Inaccessible	--	-	-	-	-	-	--	--	--	--	--
01/05/94	Inaccessible	--	-	-	-	-	-	--	--	--	--	--
05/13/94	--	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5-<1.0
10/24/94	--	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5-<1.0
04/19/95	--	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
11/06/95	--	<1.0	-	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	ND
04/26/96	--	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
10/10/96	--	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.8	ND
04/22/97	--	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
10/16/97	--	<1.0	-	<1.0	<1.0	<1.0	<1.0	<10	<1.0	<1.0	<1.0	ND
05/04/98	--	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	ND
10/27/98	--	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	ND
04/15/99	--	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	ND

\* = 0.1 ppb 1,2-dichlorobenzene detected; other HVOCs not detected.

## Cumulative Table of Well Data and Analytical Results

### ADDITIONAL ANALYSES

Analytical values are in parts per billion (ppb)

Date	Notes	1,1-DCE	1,2-DCE	t-1,2-DCE	c-1,2-DCE	1,1-DCA	1,1,1-TCA	TCE	PCE	CF	VC	Other HVOCs
<b>MW-8</b>												
04/14/89	--	<1.0	<1.0	--	--	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	--
07/31/89	--	<0.1	--	0.6	1.9	1.7	1.7	0.4	<0.1	<0.5	1.2	ND
12/08/89	--	<0.2	0.53	--	--	<0.5	0.84	<0.5	<0.5	<0.5	<1.0	--
03/21/90	--	<0.2	0.96	--	--	<0.5	0.72	<0.5	<0.5	<0.5	<1.0	--
06/19/90	--	<0.2	0.59	--	--	<0.5	0.67	<0.5	<0.5	<0.5	<1.0	--
09/21/90	--	<0.2	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	--
12/28/90	--	<0.5	--	<0.5	<0.5	<0.5	2.0	<0.5	<0.5	<0.5	<1.0	ND
05/10/91	--	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	ND
08/08/91	--	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	ND
11/27/91	--	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	ND
01/29/92	--	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	ND
03/26/92	--	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	--
07/23/92	--	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
10/28/92	Inaccessible	--	--	--	--	--	--	--	--	--	--	--
05/04/93	Inaccessible	--	--	--	--	--	--	--	--	--	--	--
01/05/94	Inaccessible	--	--	--	--	--	--	--	--	--	--	<0.5-<1.0
05/13/94	--	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--
10/24/94	Inaccessible	--	--	--	--	--	--	--	--	--	--	--
04/19/95	Inaccessible	--	--	--	--	--	--	--	--	--	--	--
11/06/95	Inaccessible	--	--	--	--	--	--	--	--	--	--	--
04/26/96	Inaccessible	--	--	--	--	--	--	--	--	--	--	--
10/10/96	Inaccessible	--	--	--	--	--	--	--	--	--	--	--
04/22/97	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.8	ND
10/16/97	--	<1.0	--	<1.0	<1.0	<1.0	<1.0	<10	<1.0	<1.0	<0.5	ND
05/04/98	--	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	ND
10/27/98	--	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	ND
04/15/99	--	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	ND
<b>MW-9</b>												
05/10/91	Unable to locate	--	--	--	--	--	--	--	--	--	--	--

## Cumulative Table of Well Data and Analytical Results

### ADDITIONAL ANALYSES

Analytical values are in parts per billion (ppb)

Date	Notes	1,1-DCE	1,2-DCE	t-1,2-DCE	c-1,2-DCE	1,1-DCA	1,1,1-TCA	TCE	PCE	CF	VC	Other HVOCs
<b>MW-10</b>												
04/14/89	--	<1.0	15	--	--	2.0	<1.0	5.0	<1.0	<2.0	<1.0	--
07/31/89	--	0.7	--	6.3	27	2.9	<0.1	5.3	<0.1	<0.5	<0.1	ND
12/08/89	--	<0.2	24	--	--	3.1	<0.5	4.9	<0.5	0.6	<1.0	--
03/21/90	--	0.7	30	--	--	2.5	<0.5	3.5	<0.5	<0.5	<1.0	--
06/19/90	--	0.3	33	--	--	2.6	<0.5	6.3	<0.5	<0.5	<1.0	--
09/21/90	--	<0.2	32	--	--	5.0	<0.5	5.9	<0.5	<0.5	<1.0	--
12/28/90	--	<0.5	--	6.0	19	2.0	<0.5	5.0	<0.5	<0.5	<1.0	--
05/10/91	--	0.6	--	7.0	24	2.0	<0.5	6.0	<0.5	<0.5	<1.0	ND
08/08/91	--	<0.5	--	7.0	33	3.1	<0.5	6.2	<0.5	<0.5	<1.0	ND
11/27/91	--	<0.5	--	6.8	100	<0.5	<0.5	8.5	<0.5	<0.5	<1.0	ND
01/29/92	--	<0.5	--	9.1	30	2.8	<0.5	7.4	<0.5	<0.5	<1.0	ND
03/26/92	--	0.7	--	9.2	29	2.5	<0.5	6.8	<0.5	<0.5	<1.0	<0.5
07/23/92	--	<0.5	--	6.1	21	1.5	<0.5	4.7	<0.5	<0.5	<0.5	<0.5
10/28/92	--	<0.5	--	4.3	16	2.1	<0.5	4.1	<0.5	<0.5	<1.0	ND
05/04/93	Inaccessible	--	--	--	--	--	--	--	--	--	--	--
01/05/94	--	<0.5	--	1.3	5.2	0.5	1.0	0.8	<0.5	<0.5	<1.0	<0.5
05/13/94	--	<0.5	--	12	31	2.7	<0.5	4.8	<0.5	<0.5	<0.5	<0.5-<1.0
10/24/94	--	<10	--	13	44	<10	<10	<10	<10	<10	<10	<10-<20
04/19/95	--	0.7	--	14	36	<0.5	<0.5	9.2	<0.5	<0.5	<0.5	<0.5
11/06/95	--	1.0	--	19	41	1.4	<1.0	14	<1.0	<1.0	<1.0	ND
04/26/96	Inaccessible	--	--	--	--	--	--	--	--	--	--	--
10/10/96	--	0.7	--	17	38	0.8	<0.5	14	<0.5	<0.5	<0.8	ND
04/22/97	--	<0.5	--	12	27	0.5	<0.5	13	<0.5	<0.5	<0.8	ND
10/16/97	--	<1.0	--	11	23	<1.0	<1.0	<10	<1.0	<1.0	0.7	ND
05/04/98	--	<0.5	--	6.5	16	<0.5	<0.5	7.6	<0.5	<0.5	<1.0	ND
10/27/98	--	<0.5	--	7.7	18	0.54	<0.5	9.6	<0.5	<0.5	<1.0	ND
04/15/99	--	<0.5	--	8.32	19.1	0.603	<0.5	11.3	<0.5	<0.5	<1.0	ND

## Cumulative Table of Well Data and Analytical Results

### ADDITIONAL ANALYSES

Analytical values are in parts per billion (ppb)

Date	Notes	1,1-DCE	1,2-DCE	t-1,2-DCE	c-1,2-DCE	1,1-DCA	1,1,1-TCA	TCE	PCE	CF	VC	Other HVOCs
<b>MW-11</b>												
04/14/89	--	<1.0	120	--	--	<1.0	<1.0	4.0	<1.0	<2.0	10	--
07/31/89	--	0.9	--	40	110	2.2	1.4	2.9	<0.2	<0.2	<0.2	ND
12/08/89	--	0.5	120	--	--	2.1	1.2	4.1	<0.5	<0.5	2.4	--
03/21/90	--	1.3	150	--	--	1.2	1.7	3.5	<0.5	<0.5	4.3	ND*
06/19/90	--	0.068	140	--	--	1.3	<0.5	5.0	<0.5	<0.5	1.0	--
09/21/90	--	<0.2	100	--	--	1.1	<0.5	3.8	<0.5	<0.5	<1.0	--
12/28/90	--	<0.5	--	23	43	0.9	0.7	3.0	<0.5	<0.5	<1.0	--
05/10/91	--	0.9	--	44	110	0.5	<0.5	5.0	<0.5	<0.5	<1.0	ND
08/08/91	--	<0.5	--	29	77	0.9	<0.5	2.4	<0.5	<0.5	<1.0	ND
11/27/91	--	<0.5	--	34	240	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	ND
01/29/92	--	<5.0	--	33	91	<5.0	<5.0	<5.0	<5.0	<5.0	<10	ND
03/26/92	--	<2.5	--	21	51	<2.5	<2.5	<2.5	<2.5	<2.5	<5.0	ND
07/23/92	--	<0.5	--	18	46	0.6	<0.5	1.4	<0.5	<0.5	<0.5	<0.5
10/28/92	--	0.5	--	36	80	<0.5	<0.5	4.6	<0.5	<0.5	<1.0	ND
05/04/93	Inaccessible	--	--	--	--	--	--	--	--	--	--	--
01/05/94	Inaccessible	--	--	--	--	--	--	--	--	--	--	--
05/13/94	--	<0.5	--	62	82	<0.5	<0.5	7.9	<0.5	<0.5	1.7	<0.5-<1.0
10/24/94	--	<10	--	28	75	<10	<10	<10	<10	<10	<10	<10-<20
04/19/95	--	<0.5	--	18	39	<0.5	<0.5	6.5	<0.5	1.0	<0.5	ND**
11/06/95	Inaccessible	--	--	--	--	--	--	--	--	--	--	--
04/26/96	Inaccessible	--	--	--	--	--	--	--	--	--	--	--
10/10/96	Inaccessible	--	--	--	--	--	--	--	--	--	--	--
04/22/97	--	<0.5	--	4.7	12	<0.5	<0.5	3.0	<0.5	<0.5	<0.8	ND
10/16/97	--	<1.0	--	5.1	24	<1.0	<1.0	<10	<1.0	<1.0	3.7	ND
05/04/98	--	<0.5	--	4.2	12	<0.5	<0.5	2.8	<0.5	<0.5	<1.0	ND
10/27/98	--	<0.5	--	2.7	8.3	<0.5	<0.5	1.8	<0.5	<0.5	<1.0	ND
04/15/99	--	<0.5	--	3.29	10.1	<0.5	<0.5	2.87	<0.5	<0.5	<1.0	ND

\* = 1.8 ppb 1,2-dichloroethane detected; other HVOCs not detected

\*\* = Chloromethane was detected at 2.4 ppb. Other HVOCs not detected at detection limits of 0.5 ppb.

## Cumulative Table of Well Data and Analytical Results

### ADDITIONAL ANALYSES

Analytical values are in parts per billion (ppb)

Date	Notes	1,1-DCE	1,2-DCE	t-1,2-DCE	c-1,2-DCE	1,1-DCA	1,1,1-TCA	TCE	PCE	CF	VC	Other HVOCs
<b>MW-12</b>												
04/14/89	--	<1.0	1.0	--	--	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	--
07/31/89	--	<0.1	1.7	--	--	<0.1	<0.1	0.8	<0.1	<0.5	<0.1	ND
12/08/89	--	<0.2	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	--
03/21/90	--	<0.2	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	--
06/19/90	--	<0.2	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	--
09/21/90	--	<0.2	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	--
12/28/90	--	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	--
05/10/91	--	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	ND
08/08/91	--	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.9	<1.0	ND
11/27/91	--	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	ND
01/29/92	--	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	ND
03/26/92	--	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	ND
07/23/92	Unable to locate	--	--	--	--	--	--	--	--	--	--	--

## Cumulative Table of Well Data and Analytical Results

### ADDITIONAL ANALYSES

Analytical values are in parts per billion (ppb)

Date	Notes	1,1-DCE	1,2-DCE	t-1,2-DCE	c-1,2-DCE	1,1-DCA	1,1,1-TCA	TCE	PCE	CF	VC	Other HVOCs
<b>MW-13</b>												
03/21/90	--	<0.2	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	--
06/19/90	--	<0.2	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	--
09/20/90	--	<0.2	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	--
12/28/90	--	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	--
05/10/91	--	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	ND*
08/08/91	--	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	ND
11/27/91	--	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	ND
01/29/92	--	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	ND
03/26/92	--	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	ND
07/23/92	--	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
10/28/92	--	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	ND
05/04/93	Inaccessible	--	--	--	--	--	--	--	--	--	--	--
01/05/94	Inaccessible	--	--	--	--	--	--	--	--	--	--	--
05/13/94	--	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5-<1.0
10/24/94	--	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5-<1.0
04/19/95	--	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
11/06/95	--	<1.0	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	ND
04/26/96	--	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.8	<0.5-<5.0
10/10/96	Inaccessible	--	--	--	--	--	--	--	--	--	--	--
04/22/97	--	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.8	ND
10/16/97	--	<1.0	--	<1.0	<1.0	<1.0	<1.0	<10	<1.0	<1.0	<0.5	ND
05/04/98	--	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	ND
10/27/98	--	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	ND

\* = 3 ppb 1,1,2,2-tetrachloroethane detected; other HVOCs not detected.

## Cumulative Table of Well Data and Analytical Results

### ADDITIONAL ANALYSES

Analytical values are in parts per billion (ppb)

Date	Notes	1,1-DCE	1,2-DCE	t-1,2-DCE	c-1,2-DCE	1,1-DCA	1,1,1-TCA	TCE	PCE	CF	VC	Other HVOCs
<b>MW-14</b>												
03/21/90	--	<2.0	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	--
06/19/90	--	<2.0	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	--
09/20/90	--	<2.0	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	--
12/28/90	--	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	--
05/10/91	--	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	ND
08/08/91	--	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	ND
11/27/91	--	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	ND
01/29/92	--	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	ND
03/26/92	--	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	ND
07/23/92	--	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
10/28/92	--	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	ND
05/04/93	Abandoned	--	--	--	--	--	--	--	--	--	--	--

## Cumulative Table of Well Data and Analytical Results

### ADDITIONAL ANALYSES

Analytical values are in parts per billion (ppb)

Date	Notes	1,1-DCE	1,2-DCE	t-1,2-DCE	c-1,2-DCE	1,1-DCA	1,1,1-TCA	TCE	PCE	CF	VC	Other HVOCs
<b>MW-15</b>												
03/21/90	--	<0.2	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	--
06/19/90	--	<0.2	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	--
09/20/90	--	<0.2	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	--
12/28/90	--	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	--
05/10/91	--	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	ND*
08/08/91	--	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	ND
11/27/91	--	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	ND
01/29/92	--	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	ND
03/26/92	--	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	ND
07/23/92	--	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
10/28/92	--	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	ND
05/04/93	Inaccessible	--	--	--	--	--	--	--	--	--	--	--
01/05/94	Inaccessible	--	--	--	--	--	--	--	--	--	--	--
05/13/94	--	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5-<1.0
10/24/94	--	<0.5	--	<0.5	<0.5	<0.5	<0.5	3.1	<0.5	3.8	<0.5	<0.5-<1.0
04/19/95	--	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
11/06/95	--	<1.0	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	ND
04/26/96	--	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.8	<0.5-<5.0
10/10/96	--	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.8	ND
04/22/97	--	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.8	ND
10/16/97	--	<1.0	--	<1.0	<1.0	<1.0	<1.0	<10	<1.0	<1.0	<0.5	ND
05/04/98	--	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	ND

\* = 0.9 ppb 1,2-dichlorobenzene detected; other HVOCs not detected.

## Cumulative Table of Well Data and Analytical Results

### ADDITIONAL ANALYSES

Analytical values are in parts per billion (ppb)

Date	Notes	1,1-DCE	1,2-DCE	t-1,2-DCE	c-1,2-DCE	1,1-DCA	1,1,1-TCA	TCE	PCE	CF	VC	Other HVOCs
<b>MW-16</b>												
03/21/90	--	<0.2	0.8	--	--	<0.5	<0.5	27	8.0	2.0	<1.0	--
06/19/90	--	<0.2	<0.5	--	--	<0.5	<0.5	35	7.0	2.0	<1.0	--
09/20/90	--	<0.2	0.9	--	--	<0.5	<0.5	49	15	4.1	<1.0	--
12/28/90	--	<0.5	--	<0.5	<0.5	<0.5	<0.5	29	18	4.0	<1.0	ND*
05/10/91	--	<0.5	--	<0.5	0.5	<0.5	<0.5	32	10	4.0	<1.0	ND
08/08/91	--	<0.5	--	<0.5	<0.5	<0.5	<0.5	35	13	1.9	<1.0	ND
11/27/91	--	<0.5	--	<0.5	1.3	<0.5	<0.5	47	12	1.8	<1.0	ND**
01/29/92	--	<0.5	--	<0.5	0.9	<0.5	<0.5	31	11	1.8	<1.0	ND
03/26/92	--	<0.8	--	<0.8	<0.8	<0.8	<0.8	24	8.5	1.7	<1.7	<0.8-<1.7
07/23/92	--	<0.5	--	<0.5	0.9	<0.5	<0.5	37	12	1.0	<0.5	<0.5
10/28/92	--	<0.5	--	<0.5	1.7	<0.5	<0.5	39	14	1.1	<1.0	ND
05/04/93	--	<0.5	--	<0.5	<0.5	<0.5	<0.5	32	10	1.1	<1.0	<0.5
01/05/94	Inaccessible	--	--	--	--	--	--	--	--	--	--	--
05/13/94	Paved over	--	--	--	--	--	--	--	--	--	--	--

\* = 0.5 ppb 1,2-dichloroethane detected; other HVOCs not detected.

\*\* = 0.9 ppb 1,2-dichloroethane detected; other HVOCs not detected.

## Cumulative Table of Well Data and Analytical Results

### ADDITIONAL ANALYSES

Analytical values are in parts per billion (ppb)

Date	Notes	1,1-DCE	1,2-DCE	t-1,2-DCE	c-1,2-DCE	1,1-DCA	1,1,TCA		TCE	PCE	CF	VC	Other HVOCs
<b>MW-17</b>													
03/21/90	--	<0.2	5.2	--	--	0.7	1.3		32	11	1.1	<1.0	--
06/19/90	--	<0.2	3.1	--	--	<0.5	1.0		38	13	1.2	<1.0	--
09/20/90	--	<0.2	2.4	--	--	<0.5	1.4		44	16	2.8	<1.0	--
12/28/90	--	<0.5	--	<0.5	2.0	<0.5	0.6		34	15	2.0	<1.0	--
05/10/91	--	<0.5	--	<0.5	3.0	<0.5	0.6		37	14	1.0	<1.0	ND
08/08/91	--	<0.5	--	<0.5	2.5	<0.5	<0.5		69	15	0.9	<1.0	ND
11/27/91	--	<0.5	--	<0.5	13	<0.5	<0.5		59	14	2.4	<1.0	ND
01/29/92	--	<0.5	--	<0.5	2.9	<0.5	0.8		35	15	1.1	<1.0	ND
03/26/92	--	<0.5	--	<0.5	1.5	<0.5	0.7		41	12	0.6	<1.0	ND
07/23/92	--	<0.5	--	<0.5	1.1	<0.5	<0.5		31	14	0.8	<0.5	<0.5
10/28/92	--	<0.5	--	<0.5	1.6	<0.5	<0.5		42	11	0.8	<1.0	ND
05/04/93	--	<0.5	--	<0.5	1.1	<0.5	<0.5		26	12	0.6	<1.0	<0.5
01/05/94	--	<0.5	--	<0.5	1.1	<0.5	<0.5		25	13	0.8	<1.0	<0.5
05/13/94	--	<0.5	--	<0.5	1.0	<0.5	0.6		23	13	<0.5	<0.5	<0.5-<1.0
10/24/94	--	<0.5	--	<0.5	1.4	<0.5	<0.5		26	13	<0.5	<0.5	<0.5-<1.0
04/19/95	--	<0.5	--	<0.5	0.9	<0.5	1.1		21	12	1.2	<0.5	<0.5
11/06/95	--	<1.0	--	<1.0	1.1	<1.0	<1.0		29	13	<1.0	<1.0	ND
04/26/96	--	<0.5	--	<0.5	0.8	<0.5	1.2		24	11	0.6	<0.8	<0.5-<5.0
10/10/96	--	<0.5	--	<0.5	1.5	<0.5	0.9		31	15	0.6	<0.8	ND
04/22/97	--	<0.5	--	<0.5	1.2	<0.5	1.7		21	11	<0.5	<0.8	ND
10/16/97	--	<1.0	--	<1.0	1.1	<1.0	1.2		21	7.9	<1.0	<0.5	ND
05/04/98	--	<0.5	--	<0.5	1.4	<0.5	2.1		20	11	0.58	<1.0	ND

## Cumulative Table of Well Data and Analytical Results

### ADDITIONAL ANALYSES

Analytical values are in parts per billion (ppb)

Date	Notes	1,1-DCE	1,2-DCE	t-1,2-DCE	c-1,2-DCE	1,1-DCA	1,1,1-TCA	TCE	PCE	CF	VC	Other HVOCs
<b>MW-18</b>												
03/21/90	--	<0.2	1.7	--	--	<0.5	2.4	33	20	0.9	<1.0	--
06/19/90	--	<0.2	2.7	--	--	<0.5	0.9	63	20	0.73	<1.0	--
09/20/90	--	<0.2	3.3	--	--	<0.5	1.6	76	25	1.7	<1.0	--
12/28/90	--	<0.5	--	<0.5	2.0	<0.5	0.8	44	21	1.0	<1.0	--
05/10/91	--	<0.5	--	<0.5	2.0	<0.5	0.7	47	20	2.0	<1.0	ND
08/08/91	--	<0.5	--	<0.5	2.0	<0.5	0.7	32	25	1.0	<1.0	ND
11/27/91	--	<0.5	--	<0.5	3.6	<0.5	0.5	60	18	1.5	<1.0	ND
01/29/92	--	<5.0	--	<5.0	<5.0	<5.0	<5.0	67	17	<5.0	<10	ND
03/26/92	--	<1.2	--	<1.2	6.4	<1.2	<1.2	130	19	1.7	<2.5	ND
07/23/92	--	<0.5	--	<0.5	3.0	<0.5	0.5	67	19	0.8	<0.5	<0.5
10/28/92	--	<0.5	--	<0.5	1.1	<0.5	<0.5	52	14	0.8	<1.0	ND
05/04/93	--	<0.5	--	<0.5	1.9	<0.5	0.7	48	18	2.5	<1.0	ND*
01/05/94	--	<0.5	--	<0.5	4.0	<0.5	0.8	94	17	1.0	<1.0	<0.5
05/13/94	--	<0.5	--	<0.5	0.8	<0.5	0.8	16	15	0.8	<0.5	<0.5-<1.0
10/27/94	--	<0.5	--	<0.5	<0.5	<0.5	<0.5	22	15	1.2	<0.5	<0.5-<1.0
04/19/95	--	<0.5	--	<0.5	2.2	<0.5	1.3	46	14	1.1	<0.5	ND**
11/06/95	--	<1.0	--	<1.0	1.8	<1.0	1.2	45	18	<1.0	<1.0	ND
04/26/96	--	<0.5	--	0.9	2.8	<0.5	3.0	31	17	0.6	<0.8	<0.5-<5.0
10/10/96	Paved over	--	--	--	--	--	--	--	--	--	--	--
04/22/97	--	<0.5	--	<0.5	1.7	<0.5	3.2	26	15	<0.5	<0.8	ND
10/16/97	--	<1.0	--	<1.0	1.0	<1.0	2.2	25	11	<1.0	<0.5	ND
05/04/98	--	1.1	--	1.7	4.5	2.5	3.1	40	<1.0	<1.0	<2.0	ND
10/27/98	--	<0.5	--	<0.5	0.77	<0.5	1.7	19	14	<0.5	<1.0	ND
04/15/99	--	<0.625	--	1.78	3.45	<0.625	2.29	27.4	14.5	0.908	<1.25	ND

\* = Dichloromethane detected at 6.2 ppb; other HVOCs not detected at detection limits of 0.5 ppb.

\*\* = Chloromethane was detected at 0.6 ppb. Other HVOCs not detected at detection limits of 0.5 ppb.

## Cumulative Table of Well Data and Analytical Results

### ADDITIONAL ANALYSES

Analytical values are in parts per billion (ppb)

Date	Notes	1,1-DCE	1,2-DCE	t-1,2-DCE	c-1,2-DCE	1,1-DCA	1,1,1-TCA	TCE	PCE	CF	VC	Other HVOCs
<b>MW-19</b>												
03/21/90	--	<0.2	10	--	--	<0.5	2.5	41	53	3.2	<1.0	--
06/19/90	--	<0.2	13	--	--	<0.5	1.5	46	47	2.8	<1.0	--
09/20/90	--	<0.2	5.8	--	--	<0.5	2.5	39	32	3.1	<1.0	--
12/28/90	--	<0.5	--	0.8	22	<0.5	1.0	40	44	3.0	<1.0	--
05/10/91	--	<0.5	--	2.0	12	<0.5	1.0	47	47	3.0	<1.0	ND
08/08/91	--	<0.5	--	1.1	4.8	<0.5	1.1	41	35	2.8	<1.0	ND
11/27/91	--	<0.5	--	1.9	29	<0.5	0.9	59	31	2.7	<1.0	ND
01/29/92	--	<5.0	--	<5.0	8.9	<5.0	<5.0	51	44	3	<10	ND
03/26/92	--	<1.2	--	1.7	23	<1.2	1.5	68	130	1.4	<2.5	ND*
07/23/92	--	1.1	--	1.4	5.6	<0.5	1.0	61	38	3.3	<0.5	<0.5
10/28/92	--	<0.5	--	0.9	5.3	<0.5	1.1	46	24	2.2	<1.0	ND
05/04/93	--	<0.5	--	2.5	8.7	0.5	1.1	69	32	3.9	<1.0	<0.5
01/05/94	--	<0.5	--	1.7	1.7	<0.5	16	49	46	<0.5	<1.0	<0.5
05/13/94	--	<0.5	--	1.8	22	<0.5	0.7	40	58	<0.5	<0.5	<0.5-<1.0
10/24/94	--	<50	--	110	54	<50	<50	98	300	<50	<50	<50-<100
04/19/95	--	<0.5	--	<0.5	65	<0.5	<0.5	130	670	<0.5	<0.5	<0.5
11/06/95	Abandoned	--	--	--	--	--	--	--	--	--	--	--
<b>MW-19A</b>												
11/06/95	--	1.0	--	<1.0	110	<1.0	<1.0	160	1500	<1.0	<1.0	ND
04/26/96	--	<5.0	--	<5.0	140	<5.0	<5.0	200	990	<5.0	<8.0	<5.0-<50
10/10/96	--	<10	--	<10	110	<10	<10	150	1500	<10	<16	ND
04/22/97	--	<5.0	--	7.1	85	9.1	<5.0	150	830	<5.0	<8.0	ND
10/16/97	--	1.6	--	6.9	100	5.5	<1.0	130	660	<1.0	4.2	ND**
05/04/98	--	<10	--	13	80	<10	<10	230	500	<10	<20	ND
10/27/98	--	<25	--	<25	70	<25	<25	80	910	<25	<50	ND

\* = 1,1,2,2-Tetrachloroethane detected at 1.8 ppb; other HVOCs not detected at detection limits of 1.2 to 2.5 ppb.

\*\* = Laboratory report indicates 1,1,2,2-Tetrachloroethane was detected at 3.8 ppb.

Reported values for cis-1,2-dichloroethene; trichloroethylene and tetrachloroethylene are from 50X dilution sample re-analysis.

## Cumulative Table of Well Data and Analytical Results

### ADDITIONAL ANALYSES

Analytical values are in parts per billion (ppb)

Date	Notes	1,1-DCE	1,2-DCE	t-1,2-DCE	c-1,2-DCE	1,1-DCA	1,1-TCA		TCE	PCE	CF	VC	Other HVOCS
<b>TRIP BLANK</b>													
04/14/89	--	<1.0	<0.5	--	--	<1.0	<1.0		<1.0	<1.0	<2.0	<1.0	--
07/31/89	--	<0.1	<0.5	--	--	<0.1	<0.1		<0.1	<0.1	<0.5	<0.1	--
12/08/89	--	<0.2	<0.5	--	--	<0.5	<0.5		<0.5	<0.5	<0.5	<1.0	--
03/21/90	--	<0.2	<0.5	--	--	<0.5	<0.5		<0.5	<0.5	<0.5	<1.0	--
03/26/90	--	<0.2	<0.5	--	--	<0.5	<0.5		<0.5	<0.5	<0.5	<1.0	--
06/19/90	--	<0.2	<0.5	--	--	<0.5	<0.5		<0.5	<0.5	<0.5	<1.0	--
09/21/90	--	<0.2	<0.5	--	--	<0.5	<0.5		<0.5	<0.5	<0.5	<1.0	--
12/28/90	--	<0.5	--	<0.5	<0.5	<0.5	<0.5		<0.5	<0.5	<0.5	<1.0	--
05/10/91	--	<0.5	--	<0.5	<0.5	<0.5	<0.5		<0.5	<0.5	<0.5	<1.0	ND
08/08/91	--	<0.5	--	<0.5	<0.5	<0.5	<0.5		<0.5	<0.5	<0.5	<1.0	ND*
11/27/91	--	<0.5	--	<0.5	<0.5	<0.5	<0.5		<0.5	<0.5	<0.5	<1.0	ND**
01/29/92	--	<0.5	--	<0.5	<0.5	<0.5	<0.5		<0.5	<0.5	<0.5	<1.0	ND
03/26/92	--	<0.5	--	<0.5	<0.5	<0.5	<0.5		<0.5	<0.5	<0.5	<1.0	ND
07/23/92	--	<0.5	--	<0.5	<0.5	<0.5	<0.5		<0.5	<0.5	<0.5	<0.5	<0.5
10/28/92	--	<0.5	--	<0.5	<0.5	<0.5	<0.5		<0.5	<0.5	<0.5	<1.0	ND
05/04/93	--	<0.5	--	<0.5	<0.5	<0.5	<0.5		<0.5	<0.5	<0.5	<1.0	<0.5
11/06/95	--	<1.0	--	<1.0	<1.0	<1.0	<1.0		<1.0	<1.0	<1.0	<1.0	ND

\* = 3.1 ppb 1,2-dichlorobenzene detected; other HVOCs not detected.

\*\* = Trace concentrations of trihalomethane compounds detected in bailer blank.

## Cumulative Table of Well Data and Analytical Results

### ADDITIONAL ANALYSES

Analytical values are in parts per billion (ppb)

Date	Notes	1,1-DCE	1,2-DCE	t-1,2-DCE	c-1,2-DCE	1,1-DCA	1,1,1-TCA	TCE	PCE	CF	VC	Other HVOCs
<b>BAILER BLANK</b>												
05/10/91	--	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	ND
08/08/91	--	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	ND
11/27/91	--	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	ND*
01/29/92	--	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	ND
03/26/92	--	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	ND
07/23/92	--	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
10/28/92	--	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	ND
05/04/93	--	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5

\* = Trace concentrations of trihalomethane compounds detected in bailer blank.

Note: Blaine Tech Services, Inc. began routine monitoring of the groundwater wells at this site on October 27, 1998.  
 Earlier field data and analytical results are drawn from the May 4, 1998, Gettler-Ryan, Inc. report.

#### ABBREVIATIONS:

TPH = Total Petroleum Hydrocarbons

ND = Not detected at or above the minimum quantitation limit. See laboratory reports for minimum quantitation limits.

SPH = Separate Phase Hydrocarbons

MTBE = Methyl-tertiary-butyl ether

1,1-DCE = 1,1-Dichloroethene

1,2-DCE = 1,2-Dichloroethene

t-1,2-DCE = trans-1,2-Dichloroethene

c-1,2-DCE = cis-1,2-Dichloroethene

1,1-DCA = 1,1-Dichloroethane

1,1,1-TCA = 1,1,1-Trichloroethane

TCE = Trichloroethene

PCE = Tetrachloroethene

CF = Chloroform

VC = Vinyl Chloride

Other HVOCs = Other Halogenated Volatile Organic Compounds

# **Analytical Appendix**



# Sequoia Analytical

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

May 12, 1999

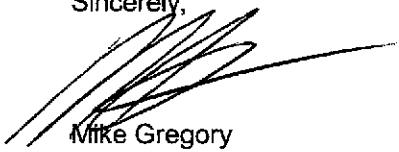
Christine Lillie  
Blaine Tech Services  
1680 Rogers Avenue  
San Jose, CA 95112

RE: Chevron(5)/L904200

Dear Christine Lillie:

Enclosed are the results of analyses for sample(s) received by the laboratory on April 16, 1999. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Mike Gregory  
Project Manager D.M.





Blaine Tech Services  
1680 Rogers Avenue  
San Jose, CA 95112

Project: Chevron(5)  
Project Number: Chevron 206265, 990415-J1  
Project Manager: Christine Lillie

Sampled: 4/15/99  
Received: 4/16/99  
Reported: 5/12/99

## ANALYTICAL REPORT FOR L904200

Sample Description	Laboratory Sample Number	Sample Matrix	Date Sampled
MW2A	L904200-01	Water	4/15/99
MW7	L904200-02	Water	4/15/99
MW8	L904200-03	Water	4/15/99
MW10	L904200-04	Water	4/15/99
MW11	L904200-05	Water	4/15/99
MW18	L904200-07	Water	4/15/99
TB	L904200-08	Water	4/15/99





# Sequoia Analytical

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

Blaine Tech Services 1680 Rogers Avenue San Jose, CA 95112	Project: Chevron(5) Project Number: Chevron 206265, 990415-J1 Project Manager: Christine Lillie	Sampled: 4/15/99 Received: 4/16/99 Reported: 5/12/99
--	---	--

**Sample Description:** MW2A  
**Laboratory Sample Number:** L904200-01

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method/ Surrogate Limits	Reporting Limit	Result	Units	Notes*
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### Sequoia Analytical - San Carlos

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

Purgeable Hydrocarbons as Gasoline	9040105	4/21/99	4/21/99		50.0	116	ug/l	1
Benzene	"	"	"		0.500	0.609	"	
Toluene	"	"	"		0.500	ND	"	
Ethylbenzene	"	"	"		0.500	ND	"	
Xylenes (total)	"	"	"		0.500	ND	"	
Methyl tert-butyl ether	"	"	"		5.00	ND	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	"	"	"	70.0-130		93.4	%	

#### Volatile Organic Compounds by EPA Method 8010B

Bromodichloromethane	9040129	4/28/99	4/28/99		1.25	ND	ug/l	2
Bromoform	"	"	"		1.25	ND	"	
Bromomethane	"	"	"		2.50	ND	"	
Carbon tetrachloride	"	"	"		1.25	ND	"	
Chlorobenzene	"	"	"		1.25	ND	"	
Chloroethane	"	"	"		2.50	ND	"	
2-Chloroethylvinyl ether	"	"	"		2.50	ND	"	
Chloroform	"	"	"		1.25	ND	"	
Chloromethane	"	"	"		2.50	ND	"	
Dibromochloromethane	"	"	"		1.25	ND	"	
1,3-Dichlorobenzene	"	"	"		1.25	ND	"	
1,4-Dichlorobenzene	"	"	"		1.25	ND	"	
1,2-Dichlorobenzene	"	"	"		1.25	ND	"	
1,1-Dichloroethane	"	"	"		1.25	ND	"	
1,2-Dichloroethane	"	"	"		1.25	ND	"	
1,1-Dichloroethene	"	"	"		1.25	ND	"	
cis-1,2-Dichloroethene	"	"	"		1.25	ND	"	
trans-1,2-Dichloroethene	"	"	"		1.25	ND	"	
1,2-Dichloropropane	"	"	"		1.25	ND	"	
cis-1,3-Dichloropropene	"	"	"		1.25	ND	"	
trans-1,3-Dichloropropene	"	"	"		1.25	ND	"	
Methylene chloride	"	"	"		12.5	ND	"	
1,1,1,2-Tetrachloroethane	"	"	"		1.25	ND	"	
Tetrachloroethene	"	"	"		1.25	ND	"	
1,1,1-Trichloroethane	"	"	"		1.25	ND	"	
1,1,2-Trichloroethane	"	"	"		1.25	ND	"	
Trichloroethene	"	"	"		1.25	ND	"	
Trichlorofluoromethane	"	"	"		1.25	ND	"	
Vinyl chloride	"	"	"		2.50	ND	"	
<i>Surrogate: 4-BFB</i>	"	"	"	70.0-130		104	%	

Sequoia Analytical - San Carlos

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





# Sequoia Analytical

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

Blaine Tech Services 1680 Rogers Avenue San Jose, CA 95112	Project: Chevron(5) Project Number: Chevron 206265, 990415-J1 Project Manager: Christine Lillie	Sampled: 4/15/99 Received: 4/16/99 Reported: 5/12/99
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**Sample Description:**

MW7

**Laboratory Sample Number:**

L904200-02

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method/ Surrogate Limits	Reporting Limit	Result	Units	Notes*
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### Sequoia Analytical - San Carlos

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

Purgeable Hydrocarbons as Gasoline	9040105	4/21/99	4/21/99		50.0	ND	ug/l
Benzene	"	"	"		0.500	ND	"
Toluene	"	"	"		0.500	ND	"
Ethylbenzene	"	"	"		0.500	ND	"
Xylenes (total)	"	"	"		0.500	ND	"
Methyl tert-butyl ether	"	"	"		5.00	ND	"
<i>Surrogate: a,a,a-Trifluorotoluene</i>	"	"	"	70.0-130		91.0	%

#### Volatile Organic Compounds by EPA Method 8010B

Bromodichloromethane	9040129	4/28/99	4/29/99		0.500	ND	ug/l
Bromoform	"	"	"		0.500	ND	"
Bromomethane	"	"	"		1.00	ND	"
Carbon tetrachloride	"	"	"		0.500	ND	"
Chlorobenzene	"	"	"		0.500	ND	"
Chloroethane	"	"	"		1.00	ND	"
2-Chloroethylvinyl ether	"	"	"		1.00	ND	"
Chloroform	"	"	"		0.500	ND	"
Chloromethane	"	"	"		1.00	ND	"
Dibromochloromethane	"	"	"		0.500	ND	"
1,3-Dichlorobenzene	"	"	"		0.500	ND	"
1,4-Dichlorobenzene	"	"	"		0.500	ND	"
1,2-Dichlorobenzene	"	"	"		0.500	ND	"
1,1-Dichloroethane	"	"	"		0.500	ND	"
1,2-Dichloroethane	"	"	"		0.500	ND	"
1,1-Dichloroethene	"	"	"		0.500	ND	"
cis-1,2-Dichloroethene	"	"	"		0.500	ND	"
trans-1,2-Dichloroethene	"	"	"		0.500	ND	"
1,2-Dichloropropane	"	"	"		0.500	ND	"
cis-1,3-Dichloropropene	"	"	"		0.500	ND	"
trans-1,3-Dichloropropene	"	"	"		0.500	ND	"
Methylene chloride	"	"	"		5.00	ND	"
1,1,1,2-Tetrachloroethane	"	"	"		0.500	ND	"
Tetrachloroethene	"	"	"		0.500	ND	"
1,1,1-Trichloroethane	"	"	"		0.500	ND	"
1,1,2-Trichloroethane	"	"	"		0.500	ND	"
Trichloroethene	"	"	"		0.500	ND	"
Trichlorofluoromethane	"	"	"		0.500	ND	"
Vinyl chloride	"	"	"		1.00	ND	"
<i>Surrogate: 4-BFB</i>	"	"	"	70.0-130		113	%

Sequoia Analytical - San Carlos

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





# Sequoia Analytical

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San Carlos, CA 94070-4111  
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Blaine Tech Services 1680 Rogers Avenue San Jose, CA 95112	Project: Chevron(5) Project Number: Chevron 206265, 990415-J1 Project Manager: Christine Lillie	Sampled: 4/15/99 Received: 4/16/99 Reported: 5/12/99
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**Sample Description:**

MW8

**Laboratory Sample Number:**

L904200-03

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method/ Surrogate Limits	Reporting Limit	Result	Units	Notes*
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### Sequoia Analytical - San Carlos

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

Purgeable Hydrocarbons as Gasoline	9040105	4/21/99	4/21/99		50.0	ND	ug/l
Benzene	"	"	"		0.500	ND	"
Toluene	"	"	"		0.500	ND	"
Ethylbenzene	"	"	"		0.500	ND	"
Xylenes (total)	"	"	"		0.500	ND	"
Methyl tert-butyl ether	"	"	"		5.00	ND	"
<i>Surrogate: a,a,a-Trifluorotoluene</i>	"	"	"	70.0-130		87.1	%

#### Volatile Organic Compounds by EPA Method 8010B

Bromodichloromethane	9040141	4/28/99	4/29/99		0.500	ND	ug/l
Bromoform	"	"	"		0.500	ND	"
Bromomethane	"	"	"		1.00	ND	"
Carbon tetrachloride	"	"	"		0.500	ND	"
Chlorobenzene	"	"	"		0.500	ND	"
Chloroethane	"	"	"		1.00	ND	"
2-Chloroethylvinyl ether	"	"	"		1.00	ND	"
Chloroform	"	"	"		0.500	ND	"
Chloromethane	"	"	"		1.00	ND	"
Dibromochloromethane	"	"	"		0.500	ND	"
1,3-Dichlorobenzene	"	"	"		0.500	ND	"
1,4-Dichlorobenzene	"	"	"		0.500	ND	"
1,2-Dichlorobenzene	"	"	"		0.500	ND	"
1,1-Dichloroethane	"	"	"		0.500	ND	"
1,2-Dichloroethane	"	"	"		0.500	ND	"
1,1-Dichloroethene	"	"	"		0.500	ND	"
cis-1,2-Dichloroethene	"	"	"		0.500	ND	"
trans-1,2-Dichloroethene	"	"	"		0.500	ND	"
1,2-Dichloropropane	"	"	"		0.500	ND	"
cis-1,3-Dichloropropene	"	"	"		0.500	ND	"
trans-1,3-Dichloropropene	"	"	"		0.500	ND	"
Methylene chloride	"	"	"		5.00	ND	"
1,1,1,2-Tetrachloroethane	"	"	"		0.500	ND	"
Tetrachloroethene	"	"	"		0.500	ND	"
1,1,1-Trichloroethane	"	"	"		0.500	ND	"
1,1,2-Trichloroethane	"	"	"		0.500	ND	"
Trichloroethene	"	"	"		0.500	ND	"
Trichlorofluoromethane	"	"	"		0.500	ND	"
Vinyl chloride	"	"	"		1.00	ND	"
<i>Surrogate: 4-BFB</i>	"	"	"	70.0-130		115	%

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Blaine Tech Services 1680 Rogers Avenue San Jose, CA 95112	Project: Chevron(5) Project Number: Chevron 206265, 990415-J1 Project Manager: Christine Lillie	Sampled: 4/15/99 Received: 4/16/99 Reported: 5/12/99
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**Sample Description:**

MW10

**Laboratory Sample Number:**

L904200-04

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method/ Surrogate	Reporting Limit	Result	Units	Notes*
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### Sequoia Analytical - San Carlos

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

Purgeable Hydrocarbons as Gasoline	9040105	4/21/99	4/21/99		50.0	ND	ug/l
Benzene	"	"	"		0.500	ND	"
Toluene	"	"	"		0.500	ND	"
Ethylbenzene	"	"	"		0.500	ND	"
Xylenes (total)	"	"	"		0.500	ND	"
<b>Methyl tert-butyl ether</b>	"	"	"		5.00	<b>9.45</b>	"
<i>Surrogate: a,a,a-Trifluorotoluene</i>	"	"	"	70.0-130		86.0	%

#### Volatile Organic Compounds by EPA Method 8010B

Bromodichloromethane	9040141	4/29/99	4/29/99		0.500	ND	ug/l
Bromoform	"	"	"		0.500	ND	"
Bromomethane	"	"	"		1.00	ND	"
Carbon tetrachloride	"	"	"		0.500	ND	"
Chlorobenzene	"	"	"		0.500	ND	"
Chloroethane	"	"	"		1.00	ND	"
2-Chloroethylvinyl ether	"	"	"		1.00	ND	"
Chloroform	"	"	"		0.500	ND	"
Chloromethane	"	"	"		1.00	ND	"
Dibromochloromethane	"	"	"		0.500	ND	"
1,3-Dichlorobenzene	"	"	"		0.500	ND	"
1,4-Dichlorobenzene	"	"	"		0.500	ND	"
1,2-Dichlorobenzene	"	"	"		0.500	ND	"
<b>1,1-Dichloroethane</b>	"	"	"		0.500	<b>0.603</b>	"
1,2-Dichloroethane	"	"	"		0.500	ND	"
1,1-Dichloroethene	"	"	"		0.500	ND	"
<b>cis-1,2-Dichloroethene</b>	"	"	"		0.500	<b>19.1</b>	"
<b>trans-1,2-Dichloroethene</b>	"	"	"		0.500	<b>8.32</b>	"
1,2-Dichloropropane	"	"	"		0.500	ND	"
<b>cis-1,3-Dichloropropene</b>	"	"	"		0.500	ND	"
<b>trans-1,3-Dichloropropene</b>	"	"	"		0.500	ND	"
Methylene chloride	"	"	"		5.00	ND	"
1,1,1,2-Tetrachloroethane	"	"	"		0.500	ND	"
Tetrachloroethene	"	"	"		0.500	ND	"
1,1,1-Trichloroethane	"	"	"		0.500	ND	"
1,1,2-Trichloroethane	"	"	"		0.500	ND	"
<b>Trichloroethene</b>	"	"	"		0.500	<b>11.3</b>	"
Trichlorofluoromethane	"	"	"		0.500	ND	"
Vinyl chloride	"	"	"		1.00	ND	"
<i>Surrogate: 4-BFB</i>	"	"	"	70.0-130		115	%

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# Sequoia Analytical

1551 Industrial Road  
San Carlos, CA 94070-4111  
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Blaine Tech Services 1680 Rogers Avenue San Jose, CA 95112	Project: Chevron(5) Project Number: Chevron 206265, 990415-JI Project Manager: Christine Lillie	Sampled: 4/15/99 Received: 4/16/99 Reported: 5/12/99
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**Sample Description:** MW11  
**Laboratory Sample Number:** L904200-05

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method/ Surrogate Limits	Reporting Limit	Result	Units	Notes*
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### Sequoia Analytical - San Carlos

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

Purgeable Hydrocarbons as Gasoline	9040133	4/27/99	4/27/99		50.0	ND	ug/l
Benzene	"	"	"		0.500	ND	"
Toluene	"	"	"		0.500	ND	"
Ethylbenzene	"	"	"		0.500	ND	"
Xylenes (total)	"	"	"		0.500	ND	"
Methyl tert-butyl ether	"	"	"		5.00	ND	"
<i>Surrogate: a,a,a-Trifluorotoluene</i>	"	"	"	70.0-130		89.3	%

#### Volatile Organic Compounds by EPA Method 8010B

Bromodichloromethane	9040141	4/29/99	4/29/99		0.500	ND	ug/l
Bromoform	"	"	"		0.500	ND	"
Bromomethane	"	"	"		1.00	ND	"
Carbon tetrachloride	"	"	"		0.500	ND	"
Chlorobenzene	"	"	"		0.500	ND	"
Chloroethane	"	"	"		1.00	ND	"
2-Chloroethylvinyl ether	"	"	"		1.00	ND	"
Chloroform	"	"	"		0.500	ND	"
Chloromethane	"	"	"		1.00	ND	"
Dibromochloromethane	"	"	"		0.500	ND	"
1,3-Dichlorobenzene	"	"	"		0.500	ND	"
1,4-Dichlorobenzene	"	"	"		0.500	ND	"
1,2-Dichlorobenzene	"	"	"		0.500	ND	"
1,1-Dichloroethane	"	"	"		0.500	ND	"
1,2-Dichloroethane	"	"	"		0.500	ND	"
1,1-Dichloroethylene	"	"	"		0.500	ND	"
cis-1,2-Dichloroethene	"	"	"		0.500	10.1	"
trans-1,2-Dichloroethene	"	"	"		0.500	3.29	"
1,2-Dichloropropane	"	"	"		0.500	ND	"
cis-1,3-Dichloropropene	"	"	"		0.500	ND	"
trans-1,3-Dichloropropene	"	"	"		0.500	ND	"
Methylene chloride	"	"	"		5.00	ND	"
1,1,1,2-Tetrachloroethane	"	"	"		0.500	ND	"
Tetrachloroethene	"	"	"		0.500	ND	"
1,1,1-Trichloroethane	"	"	"		0.500	ND	"
1,1,2-Trichloroethane	"	"	"		0.500	ND	"
Trichloroethene	"	"	"		0.500	2.87	"
Trichlorofluoromethane	"	"	"		0.500	ND	"
Vinyl chloride	"	"	"		1.00	ND	"
<i>Surrogate: 4-BFB</i>	"	"	"	70.0-130		112	%





# Sequoia Analytical

1551 Industrial Road  
San Carlos, CA 94070-4111  
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Blaine Tech Services 1680 Rogers Avenue San Jose, CA 95112	Project: Chevron(5) Project Number: Chevron 206265, 990415-J1 Project Manager: Christine Lillie	Sampled: 4/15/99 Received: 4/16/99 Reported: 5/12/99
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**Sample Description:** MW18  
**Laboratory Sample Number:** L904200-07

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method/ Surrogate Limits	Reporting Limit	Result	Units	Notes*
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### Sequoia Analytical - San Carlos

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

Purgeable Hydrocarbons as Gasoline	9040105	4/21/99	4/21/99		50.0	ND	ug/l
Benzene	"	"	"		0.500	ND	"
Toluene	"	"	"		0.500	ND	"
Ethylbenzene	"	"	"		0.500	ND	"
Xylenes (total)	"	"	"		0.500	ND	"
Methyl tert-butyl ether	"	"	"		5.00	ND	"
<i>Surrogate: a,a,a-Trifluorotoluene</i>	"	"	"	70.0-130		98.0	%

#### Volatile Organic Compounds by EPA Method 8010B

Bromodichloromethane	9040141	4/29/99	4/29/99		0.625	ND	ug/l
Bromoform	"	"	"		0.625	ND	"
Bromomethane	"	"	"		1.25	ND	"
Carbon tetrachloride	"	"	"		0.625	ND	"
Chlorobenzene	"	"	"		0.625	ND	"
Chloroethane	"	"	"		1.25	ND	"
2-Chloroethylvinyl ether	"	"	"		1.25	ND	"
Chloroform	"	"	"		0.625	<b>0.908</b>	"
Chloromethane	"	"	"		1.25	ND	"
Dibromochloromethane	"	"	"		0.625	ND	"
1,3-Dichlorobenzene	"	"	"		0.625	ND	"
1,4-Dichlorobenzene	"	"	"		0.625	ND	"
1,2-Dichlorobenzene	"	"	"		0.625	ND	"
1,1-Dichloroethane	"	"	"		0.625	ND	"
1,2-Dichloroethane	"	"	"		0.625	ND	"
1,1-Dichloroethylene	"	"	"		0.625	ND	"
cis-1,2-Dichloroethene	"	"	"		0.625	<b>3.45</b>	"
trans-1,2-Dichloroethene	"	"	"		0.625	<b>1.78</b>	"
1,2-Dichloropropane	"	"	"		0.625	ND	"
cis-1,3-Dichloropropene	"	"	"		0.625	ND	"
trans-1,3-Dichloropropene	"	"	"		0.625	ND	"
Methylene chloride	"	"	"		6.25	ND	"
1,1,1,2-Tetrachloroethane	"	"	"		0.625	ND	"
Tetrachloroethene	"	"	"		0.625	<b>14.5</b>	"
1,1,1-Trichloroethane	"	"	"		0.625	<b>2.29</b>	"
1,1,2-Trichloroethane	"	"	"		0.625	ND	"
Trichloroethene	"	"	"		0.625	<b>27.4</b>	"
Trichlorofluoromethane	"	"	"		0.625	ND	"
Vinyl chloride	"	"	"		1.25	ND	"
<i>Surrogate: 4-BFB</i>	"	"	"	70.0-130		115	%





# Sequoia Analytical

1551 Industrial Road  
San Carlos, CA 94070-4111  
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Blaine Tech Services 1680 Rogers Avenue San Jose, CA 95112	Project: Chevron(5) Project Number: Chevron 206265, 990415-J1 Project Manager: Christine Lillie	Sampled: 4/15/99 Received: 4/16/99 Reported: 5/12/99
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Sample Description:

TB

Laboratory Sample Number:

L904200-08

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method/ Surrogate Limits	Reporting Limit	Result	Units	Notes*
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### Sequoia Analytical - San Carlos

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

Purgeable Hydrocarbons as Gasoline	9040105	4/21/99	4/21/99		50.0	ND	ug/l	
Benzene	"	"	"		0.500	ND	"	
Toluene	"	"	"		0.500	ND	"	
Ethylbenzene	"	"	"		0.500	ND	"	
Xylenes (total)	"	"	"		0.500	ND	"	
Methyl tert-butyl ether	"	"	"		5.00	ND	"	
Surrogate: <i>a,a,a-<i>Trifluorotoluene</i></i>	"	"	"	70.0-130		79.9	%	





# Sequoia Analytical

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Blaine Tech Services 1680 Rogers Avenue San Jose, CA 95112	Project: Chevron(5) Project Number: Chevron 206265, 990415-J1 Project Manager: Christine Lillie	Sampled: 4/15/99 Received: 4/16/99 Reported: 5/12/99
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**Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT/Quality Control**  
**Sequoia Analytical - San Carlos**

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit Recov. Limits	Recov. %	RPD Limit	RPD % Notes*
<b>Batch: 9040105</b>									
<b>Blank</b>									
<b>Purgeable Hydrocarbons as Gasoline</b>									
Benzene	4/21/99			ND	ug/l	50.0			
Toluene	"			ND	"	0.500			
Ethylbenzene	"			ND	"	0.500			
Xylenes (total)	"			ND	"	0.500			
Methyl tert-butyl ether	"			ND	"	5.00			
Surrogate: <i>a,a,a</i> -Trifluorotoluene	"	10.0		9.18	"	70.0-130	91.8		
<b>LCS</b>									
<b>9040105-BS1</b>									
<b>Purgeable Hydrocarbons as Gasoline</b>									
Surrogate: <i>a,a,a</i> -Trifluorotoluene	4/21/99	250		234	ug/l	70.0-130	93.6		
"	"	10.0		8.90	"	70.0-130	89.0		
<b>Matrix Spike</b>									
<b>9040105-MS1      L904240-01</b>									
<b>Purgeable Hydrocarbons as Gasoline</b>									
Surrogate: <i>a,a,a</i> -Trifluorotoluene	4/21/99	250	ND	252	ug/l	60.0-140	101		
"	"	10.0		9.23	"	70.0-130	92.3		
<b>Matrix Spike Dup</b>									
<b>9040105-MSD1      L904240-01</b>									
<b>Purgeable Hydrocarbons as Gasoline</b>									
Surrogate: <i>a,a,a</i> -Trifluorotoluene	4/21/99	250	ND	245	ug/l	60.0-140	98.0	25.0	3.02
"	"	10.0		8.62	"	70.0-130	86.2		
<b>Batch: 9040133</b>									
<b>Blank</b>									
<b>Purgeable Hydrocarbons as Gasoline</b>									
Benzene	4/27/99			ND	ug/l	50.0			
Toluene	"			ND	"	0.500			
Ethylbenzene	"			ND	"	0.500			
Xylenes (total)	"			ND	"	0.500			
Methyl tert-butyl ether	"			ND	"	5.00			
Surrogate: <i>a,a,a</i> -Trifluorotoluene	"	10.0		9.13	"	70.0-130	91.3		
<b>LCS</b>									
<b>9040133-BS1</b>									
<b>Purgeable Hydrocarbons as Gasoline</b>									
Surrogate: <i>a,a,a</i> -Trifluorotoluene	4/27/99	250		221	ug/l	70.0-130	88.4		
"	"	10.0		8.28	"	70.0-130	82.8		
<b>Matrix Spike</b>									
<b>9040133-MS1      L904200-05</b>									
<b>Purgeable Hydrocarbons as Gasoline</b>									
Surrogate: <i>a,a,a</i> -Trifluorotoluene	4/27/99	250	ND	221	ug/l	60.0-140	88.4		
"	"	10.0		9.83	"	70.0-130	98.3		
<b>Matrix Spike Dup</b>									
<b>9040133-MSD1      L904200-05</b>									
<b>Purgeable Hydrocarbons as Gasoline</b>									
Surrogate: <i>a,a,a</i> -Trifluorotoluene	4/27/99	250	ND	215	ug/l	60.0-140	86.0	25.0	2.75

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



# Sequoia Analytical

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

Blaine Tech Services 1680 Rogers Avenue San Jose, CA 95112	Project: Chevron(5) Project Number: Chevron 206265, 990415-J1 Project Manager: Christine Lillie	Sampled: 4/15/99 Received: 4/16/99 Reported: 5/12/99
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**Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT Quality Control**  
**Sequoia Analytical - San Carlos**

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Reporting Limit Units	Recov. Recov. Limits	RPD %	RPD % Notes*
<b>Matrix Spike Dup (continued)</b> Surrogate: <i>a,a,a</i> -Trifluorotoluene	<b>9040133-MSD1</b> 4/27/99	<b>L904200-05</b> 10.0		9.45	ug/l	70.0-130	94.5	





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

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit	Recov. Recov. Limits %	RPD %	RPD % Notes*
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**Batch: 9040129**

**Date Prepared: 4/27/99**

**Extraction Method: EPA 5030B [P/T]**

**Blank** **9040129-BLK1**

Bromodichloromethane	4/27/99	ND	ug/l	0.500
Bromoform	"	ND	"	0.500
Bromomethane	"	ND	"	1.00
Carbon tetrachloride	"	ND	"	0.500
Chlorobenzene	"	ND	"	0.500
Chloroethane	"	ND	"	1.00
2-Chloroethylvinyl ether	"	ND	"	1.00
Chloroform	"	ND	"	0.500
Chloromethane	"	ND	"	1.00
Dibromochloromethane	"	ND	"	0.500
1,3-Dichlorobenzene	"	ND	"	0.500
1,4-Dichlorobenzene	"	ND	"	0.500
1,2-Dichlorobenzene	"	ND	"	0.500
1,1-Dichloroethane	"	ND	"	0.500
1,2-Dichloroethane	"	ND	"	0.500
1,1-Dichloroethene	"	ND	"	0.500
cis-1,2-Dichloroethene	"	ND	"	0.500
trans-1,2-Dichloroethene	"	ND	"	0.500
1,2-Dichloropropane	"	ND	"	0.500
cis-1,3-Dichloropropene	"	ND	"	0.500
trans-1,3-Dichloropropene	"	ND	"	0.500
Methylene chloride	"	ND	"	5.00
1,1,1,2-Tetrachloroethane	"	ND	"	0.500
Tetrachloroethene	"	ND	"	0.500
1,1,1-Trichloroethane	"	ND	"	0.500
1,1,2-Trichloroethane	"	ND	"	0.500
Trichloroethene	"	ND	"	0.500
Trichlorofluoromethane	"	ND	"	0.500
Vinyl chloride	"	ND	"	1.00

**Surrogate: 4-BFB**

*10.0*

*7.38*

*70.0-130*

*73.8*

**Blank**

**9040129-BLK2**

Freon 113	4/28/99	ND	ug/l	0.500
Bromodichloromethane	"	ND	"	0.500
Bromoform	"	ND	"	0.500
Bromomethane	"	ND	"	1.00
Carbon tetrachloride	"	ND	"	0.500
Chlorobenzene	"	ND	"	0.500
Chloroethane	"	ND	"	1.00
2-Chloroethylvinyl ether	"	ND	"	1.00





# Sequoia Analytical

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

Blaine Tech Services 1680 Rogers Avenue San Jose, CA 95112	Project: Chevron(5) Project Number: Chevron 206265, 990415-J1 Project Manager: Christine Lillie	Sampled: 4/15/99 Received: 4/16/99 Reported: 5/12/99
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## Volatile Organic Compounds by EPA Method 8010B/Quality Control Sequoia Analytical - San Carlos

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit	Recov. %	RPD Limit	RPD % Notes*
<b>Blank (continued)</b>									
			<b>9040129-BLK2</b>						
Chloroform	4/28/99			ND	ug/l	0.500			
Chloromethane	"			ND	"	1.00			
Dibromochloromethane	"			ND	"	0.500			
1,3-Dichlorobenzene	"			ND	"	0.500			
1,4-Dichlorobenzene	"			ND	"	0.500			
1,2-Dichlorobenzene	"			ND	"	0.500			
1,1-Dichloroethane	"			ND	"	0.500			
1,2-Dichloroethane	"			ND	"	0.500			
1,1-Dichloroethene	"			ND	"	0.500			
cis-1,2-Dichloroethene	"			ND	"	0.500			
trans-1,2-Dichloroethene	"			ND	"	0.500			
1,2-Dichloropropane	"			ND	"	0.500			
cis-1,3-Dichloropropene	"			ND	"	0.500			
trans-1,3-Dichloropropene	"			ND	"	0.500			
Methylene chloride	"			ND	"	5.00			
1,1,1,2-Tetrachloroethane	"			ND	"	0.500			
Tetrachloroethene	"			ND	"	0.500			
1,1,1-Trichloroethane	"			ND	"	0.500			
1,1,2-Trichloroethane	"			ND	"	0.500			
Trichloroethene	"			ND	"	0.500			
Trichlorofluoromethane	"			ND	"	0.500			
Vinyl chloride	"			ND	"	1.00			
<i>Surrogate: 4-BFB</i>	"	10.0		9.08	"	70.0-130	90.8		
<b>LCS</b>									
			<b>9040129-BS1</b>						
Chlorobenzene	4/27/99	10.0		9.49	ug/l	70.0-130	94.9		
1,1-Dichloroethene	"	10.0		11.1	"	65.0-135	111		
Trichloroethene	"	10.0		11.1	"	70.0-130	111		
<i>Surrogate: 4-BFB</i>	"	10.0		7.42	"	70.0-130	74.2		
<b>LCS</b>									
			<b>9040129-BS2</b>						
Chlorobenzene	4/28/99	10.0		10.2	ug/l	70.0-130	102		
1,1-Dichloroethene	"	10.0		11.0	"	65.0-135	110		
Trichloroethene	"	10.0		10.3	"	70.0-130	103		
<i>Surrogate: 4-BFB</i>	"	10.0		10.2	"	70.0-130	102		
<b>Matrix Spike</b>									
			<b>9040129-MS1</b>	<b>L904319-03</b>					
Chlorobenzene	4/27/99	10.0	ND	7.89	ug/l	60.0-140	78.9		
1,1-Dichloroethene	"	10.0	ND	9.71	"	60.0-140	97.1		
Trichloroethene	"	10.0	ND	10.2	"	60.0-140	102		
<i>Surrogate: 4-BFB</i>	"	10.0		7.08	"	70.0-130	70.8		

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





Blaine Tech Services 1680 Rogers Avenue San Jose, CA 95112	Project: Chevron(5) Project Number: Chevron 206265, 990415-J1 Project Manager: Christine Lillie	Sampled: 4/15/99 Received: 4/16/99 Reported: 5/12/99
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**Volatile Organic Compounds by EPA Method 8010B/Quality Control**  
**Sequoia Analytical - San Carlos**

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit	Recov. %	RPD Limit	RPD % Notes*
<b>Matrix Spike Dup</b>									
	<b>9040129-MSD1</b>		<b>L904319-03</b>						
Chlorobenzene	4/27/99	10.0	ND	7.24	ug/l	60.0-140	72.4	25.0	8.59
1,1-Dichloroethene	"	10.0	ND	9.49	"	60.0-140	94.9	25.0	2.29
Trichloroethene	"	10.0	ND	9.63	"	60.0-140	96.3	25.0	5.75
Surrogate: 4-BFB	"	10.0		7.07	"	70.0-130	70.7		
<b>Batch: 9040141</b>									
<b>Blank</b>									
	<b>9040141-BLK1</b>								
Bromodichloromethane	4/28/99			ND	ug/l	0.500			
Bromoform	"			ND	"	0.500			
Bromomethane	"			ND	"	1.00			
Carbon tetrachloride	"			ND	"	0.500			
Chlorobenzene	"			ND	"	0.500			
Chloroethane	"			ND	"	1.00			
2-Chloroethylvinyl ether	"			ND	"	1.00			
Chloroform	"			ND	"	0.500			
Chloromethane	"			ND	"	1.00			
Dibromochloromethane	"			ND	"	0.500			
1,3-Dichlorobenzene	"			ND	"	0.500			
1,4-Dichlorobenzene	"			ND	"	0.500			
1,2-Dichlorobenzene	"			ND	"	0.500			
1,1-Dichloroethane	"			ND	"	0.500			
1,2-Dichloroethane	"			ND	"	0.500			
1,1-Dichloroethene	"			ND	"	0.500			
cis-1,2-Dichloroethene	"			ND	"	0.500			
trans-1,2-Dichloroethene	"			ND	"	0.500			
1,2-Dichloropropane	"			ND	"	0.500			
cis-1,3-Dichloropropene	"			ND	"	0.500			
trans-1,3-Dichloropropene	"			ND	"	0.500			
Methylene chloride	"			ND	"	5.00			
1,1,1,2-Tetrachloroethane	"			ND	"	0.500			
Tetrachloroethene	"			ND	"	0.500			
1,1,1-Trichloroethane	"			ND	"	0.500			
1,1,2-Trichloroethane	"			ND	"	0.500			
Trichloroethene	"			ND	"	0.500			
Trichlorofluoromethane	"			ND	"	0.500			
Vinyl chloride	"			ND	"	1.00			
Surrogate: 4-BFB	"	10.0		9.08	"	70.0-130	90.8		
<b>Blank</b>									
	<b>9040141-BLK2</b>								
Bromodichloromethane	4/29/99			ND	ug/l	0.500			
Bromoform	"			ND	"	0.500			





Blaine Tech Services 1680 Rogers Avenue San Jose, CA 95112	Project: Chevron(5) Project Number: Chevron 206265, 990415-J1 Project Manager: Christine Lillie	Sampled: 4/15/99 Received: 4/16/99 Reported: 5/12/99
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**Volatile Organic Compounds by EPA Method 8010B/Quality Control**  
**Sequoia Analytical - San Carlos**

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit	Recov. %	RPD Limit	RPD % Notes*
<b><u>Blank (continued)</u></b>									
Bromomethane	4/29/99			ND	ug/l	1.00			
Carbon tetrachloride	"			ND	"	0.500			
Chlorobenzene	"			ND	"	0.500			
Chloroethane	"			ND	"	1.00			
2-Chloroethylvinyl ether	"			ND	"	1.00			
Chloroform	"			ND	"	0.500			
Chloromethane	"			ND	"	1.00			
Dibromochloromethane	"			ND	"	0.500			
1,3-Dichlorobenzene	"			ND	"	0.500			
1,4-Dichlorobenzene	"			ND	"	0.500			
1,2-Dichlorobenzene	"			ND	"	0.500			
1,1-Dichloroethane	"			ND	"	0.500			
1,2-Dichloroethane	"			ND	"	0.500			
1,1-Dichloroethylene	"			ND	"	0.500			
cis-1,2-Dichloroethylene	"			ND	"	0.500			
trans-1,2-Dichloroethylene	"			ND	"	0.500			
1,2-Dichloropropane	"			ND	"	0.500			
cis-1,3-Dichloropropene	"			ND	"	0.500			
trans-1,3-Dichloropropene	"			ND	"	5.00			
Methylene chloride	"			ND	"	0.500			
1,1,1,2-Tetrachloroethane	"			ND	"	0.500			
Tetrachloroethylene	"			ND	"	0.500			
1,1,1-Trichloroethane	"			ND	"	0.500			
1,1,2-Trichloroethane	"			ND	"	0.500			
Trichloroethylene	"			ND	"	0.500			
Trichlorofluoromethane	"			ND	"	0.500			
Vinyl chloride	"			ND	"	1.00			
<i>Surrogate: 4-BFB</i>	"	10.0		7.14	"	70.0-130	71.4		
<b><u>LCS</u></b>									
Chlorobenzene	4/28/99	10.0		10.2	ug/l	70.0-130	102		
1,1-Dichloroethylene	"	10.0		11.0	"	65.0-135	110		
Trichloroethylene	"	10.0		10.3	"	70.0-130	103		
<i>Surrogate: 4-BFB</i>	"	10.0		10.2	"	70.0-130	102		
<b><u>LCS</u></b>									
Chlorobenzene	4/29/99	10.0		10.5	ug/l	70.0-130	105		
1,1-Dichloroethylene	"	10.0		12.1	"	65.0-135	121		
Trichloroethylene	"	10.0		11.6	"	70.0-130	116		
<i>Surrogate: 4-BFB</i>	"	10.0		11.2	"	70.0-130	112		



Blaine Tech Services 1680 Rogers Avenue San Jose, CA 95112	Project: Chevron(5) Project Number: Chevron 206265, 990415-J1 Project Manager: Christine Lillie	Sampled: 4/15/99 Received: 4/16/99 Reported: 5/12/99
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**Volatile Organic Compounds by EPA Method 8010B/Quality Control**  
**Sequoia Analytical - San Carlos**

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit Recov. Limits	Recov. %	RPD Limit	RPD % Notes*
<b>Matrix Spike</b>									
Chlorobenzene	4/29/99	10.0	ND	11.8	ug/l	60.0-140	118		
1,1-Dichloroethene	"	10.0	ND	12.7	"	60.0-140	127		
Trichloroethene	"	10.0	ND	11.6	"	60.0-140	116		
<i>Surrogate: 4-BFB</i>	"	10.0		11.2	"	70.0-130	112		
<b>Matrix Spike Dup</b>									
Chlorobenzene	4/29/99	10.0	ND	11.6	ug/l	60.0-140	116	25.0	1.71
1,1-Dichloroethene	"	10.0	ND	12.1	"	60.0-140	121	25.0	4.84
Trichloroethene	"	10.0	ND	12.3	"	60.0-140	123	25.0	5.86
<i>Surrogate: 4-BFB</i>	"	10.0		11.5	"	70.0-130	115		





# Sequoia Analytical

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## Notes and Definitions

#	Note
1	Chromatogram Pattern: Gasoline C6-C12
2	Sample was diluted 2.5 times due to late-eluting compounds.
3	Cis -1,2-dichloroethene recovery in the opening standard exceeded the QC limit by 3%.
4	Trans-1,2-dichloroethene recovery in the opening standard exceeded the QC limit by 2%.
5	Trichloroethene recovery in the closing standard exceeded the QC limit by 1%.
6	Trichloroethene and trans-1,2-dichloroethene recoveries exceeded the QC limit by 1% and 2%, respectively.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
Recov.	Recovery
RPD	Relative Percent Difference



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

# Chain-of-Custody-Record

Chevron Products Co. P.O. BOX 6004 San Ramon, CA 94583 FAX (925)842-8370	Chevron Facility Number	206265
	Facility Address	Powell # Landregan, Emeryville
	Consultant Project Number	9904 15-51
	Consultant Name	BLAINE TECH SERVICE, INC.
	Address	1680 ROGERS AVE., SAN JOSE
	Project Contact (Name)	CHRISTINE LILLIE
(Phone)	408-573-0555 (Fax Number)	

Chevron Contact (Name)	PHIL BRIGGS
(Phone)	(925) 842-9136
Laboratory Name	SEQUOIA
Laboratory Service Order	9144488
Laboratory Service Code	2202800
Samples Collected by (Name)	Jon P Matthew J. Poore
Signature	

Sample Number	Number of Containers	Matrix	Sample Preservation	State Method: <input type="checkbox"/> CA <input type="checkbox"/> OR <input type="checkbox"/> WA <input type="checkbox"/> NW Series <input type="checkbox"/> CO <input type="checkbox"/> UT										Remarks	
				STEX/MTBE+TPH Q5 (9220)	STEX (9220)	TPH (9215)	Oil/Grease (9220)	Permeable Medium (9220)	Permeable Medium (9220)	Estuarine Organic (9220)	Oil and Grease (9220)	Water (9220)	STEX (9220)	ESTEX/MTBE/TPH (9220)	
MW2A	6	W	HCl 1830	✓				✓							
MW7	6	I		✓				✓							
MW8	6			✓				✓							
MW10	6			✓				✓							
MW11	6			✓				✓							
MW12	2														
MW18	6			✓				✓							
MW19	1														
TB	2	W	HCl	—	✓										

Confirm MTBE by 8260

Reinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time	Lead Y/N	Turn Around Time (Circle Choice)
<i>BT3</i>	BTS	4/16/99 1105	<i>John</i>	SEQUOIA	4/16/99	Y	24 hrs. 48 hrs. 5 Days 10 Days As Contracted
Reinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time	Lead Y/N	
Reinquished By (Signature)	Organization	Date/Time	Reclaimed For Laboratory By (Signature)	Organization	Date/Time	Lead Y/N	

**Field  
Data  
Sheets**

## WELL GAUGING DATA

Project # 990415-J1 Date 4-15-99 Client

Site \_\_\_\_\_ Chevron 1001067  
POWELL AND  
LANDEGAN

Chevron 1001067

**POWELL AND**

JOURNAL OF  
LANDREGAN

EMERYVILLE

# CHEVRON WELL MONITORING DATA SHEET

Project #:	990415 - J1		Station #:	296265	
Sampler:	Tom P		Date:	4-15-99	
Well I.D.:	MW 2A		Well Diameter:	(2) 3	4 6 8
Total Well Depth:	14.64		Depth to Water:	2.62	
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 <sup>2</sup> * 0.163

Purge Method: Bailer  
 Disposable Bailer   
 Middleburg  
 Electric Submersible  
 Extraction Pump  
 Other: \_\_\_\_\_

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

$$\frac{1.9}{\text{1 Case Volume (Gals.)}} \times \frac{3}{\text{Specified Volumes}} = \frac{5.7}{\text{Calculated Volume}} \text{ Gals.}$$

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
1600	64.2		210	2	odor / suspended particles
1603	63.6		210	4	↓
1606	63.4		280	6	↓ Sheen

Did well dewater? Yes  No Gallons actually evacuated: 6

Sampling Time: 1610 Sampling Date: \_\_\_\_\_

Sample I.D.: MW 2A Laboratory: Sequoia CORE N. Creek Assoc. Labs

Analyzed for: TPH-G BTEX MTBE TPH-D Other: 8010

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 #:	990415 - J1	Station #:	206265
Sampler:	Ton P	Date:	4-15-99
Well I.D.:	MW7	Well Diameter:	2 3 4 6 8
Total Well Depth:	10.03	Depth to Water:	4.40
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 <sup>2</sup> * 0.163

Purge Method: Bailer  
 Disposable Bailer   
 Middleburg  
 Electric Submersible  
 Extraction Pump  
 Other: \_\_\_\_\_

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

$$2.0 \quad x \quad 3 = \quad 6 \quad \text{Gals.}$$

1 Case Volume (Gals.)      Specified Volumes      Calculated Volume

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
1232	63.8		600	2	
1238	63.6		600	4	
1238	63.2		600	6	

Did well dewater? Yes  No Gallons actually evacuated: 6

Sampling Time: 1245 Sampling Date: 4-15-99

Sample I.D.: MW7 Laboratory: Sequoia CORE N. Creek Assoc. Labs

Analyzed for: TPH-G BTEX MTBE TPH-D Other: 8010

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 #:	990415 - J1	Station #:	206265
Sampler:	Ton P	Date:	4-15-99
Well I.D.:	MW8	Well Diameter:	2 (3) 4 6 8
Total Well Depth:	16.00	Depth to Water:	5.25
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 <sup>2</sup> * 0.163

Purge Method: Bailer  
 Disposable Bailer X  
 Middleburg  
 Electric Submersible  
 Extraction Pump  
 Other: \_\_\_\_\_

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

3.9	x	3	=	11.9	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
1308	61.4		460	4	
1313	61.6		520	8	
1318	62.0		530	12	

Did well dewater? Yes  No Gallons actually evacuated: 12

Sampling Time: 1323 Sampling Date: 4-15-99

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

Analyzed for: TPH-G BTEX MTBE TPH-D Other: 8010

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 #:	990415 - J1	Station #:	206265
Sampler:	Ton P	Date:	4-15-99
Well I.D.:	MW10	Well Diameter:	2 3 (4) 6 8
Total Well Depth:	20.35	Depth to Water:	4.55
Depth to Free Product:		Thickness of Free Product (feet):	
Referenced to:	PVC	Grade	D.O. Meter (if req'd): YSI HACH

<u>Well Diameter</u>	<u>Multiplier</u>	<u>Well Diameter</u>	<u>Multiplier</u>
2"	0.16	5"	1.02
3"	0.37	6"	1.47
4"	0.65	Other	radius <sup>2</sup> * 0.163

Purge Method: Bailer  
 Disposable Bailer  
 Middleburg  
 Electric Submersible X  
 Extraction Pump  
 Other: \_\_\_\_\_

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

10.2	x	3	=	30.8	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
1342	62.6		500	11	
1344	63.6		530	21	
1346	63.6		550	31	

Did well dewater? Yes  No Gallons actually evacuated: 31

Sampling Time: 1352 Sampling Date: 4-15-99

Sample I.D.: MW10 Laboratory: Sequoia CORE N. Creek Assoc. Labs

Analyzed for: TPH-G BTEX MTBE TPH-D Other: 8010

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 #:	990415 - J1		Station #:	206265				
Sampler:	Tom P		Date:	4-15-99				
Well I.D.:	MW11		Well Diameter:	2	3	(4)	6	8
Total Well Depth:	17.90		Depth to Water:	5.00				
Depth to Free Product:			Thickness of Free Product (feet):					
Referenced to:	PVC	Grade	D.O. Meter (if req'd):	YSI	HACH			

<u>Well Diameter</u>	<u>Multiplier</u>	<u>Well Diameter</u>	<u>Multiplier</u>
2"	0.16	5"	1.02
3"	0.37	6"	1.47
4"	0.65	Other	radius <sup>2</sup> * 0.163

Purge Method: Bailer  
 Disposable Bailer  
 Middleburg  
 Electric Submersible  
 Extraction Pump  
 Other: \_\_\_\_\_

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

<u>8.3</u>	<u>X</u>	<u>3</u>	<u>=</u>	<u>25.1</u>	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
1536	66.4		560	9	
1537	65.2		600	17	
1538	65.6		620	26	

Did well dewater? Yes  No  Gallons actually evacuated: 26

Sampling Time: 1545 Sampling Date:

Sample I.D.: MW11 Laboratory: Sequoia CORE N. Creek Assoc. Labs

Analyzed for: TPH-G BTEX MTBE TPH-D Other: 8010

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 #:	990415 - J1		Station #:	206265					
Sampler:	Tom P		Date:	4-15-99					
Well I.D.:	MW13		Well Diameter:	2	3	4	6	8	
Total Well Depth:			Depth to Water:						
Depth to Free Product:			Thickness of Free Product (feet):						
Referenced to:	PVC	Grade	D.O. Meter (if req'd):	YSI	HACH				

<u>Well Diameter</u>	<u>Multiplier</u>	<u>Well Diameter</u>	<u>Multiplier</u>
2"	0.16	5"	1.02
3"	0.37	6"	1.47
4"	0.65	Other	radius <sup>2</sup> * 0.163

Purge Method: Bailer  
 Disposable Bailer  
 Middleburg  
 Electric Submersible  
 Extraction Pump  
 Other: \_\_\_\_\_

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

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

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
	Well	inaccessible		- Car parked over it	

Did well dewater? Yes No Gallons actually evacuated:

Sampling Time: Sampling Date:

Sample I.D.: MW13 Laboratory: Sequoia CORE N. Creek Assoc. Labs

Analyzed for: TPH-G BTEX MTBE TPH-D Other: 8010

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 #:	990415 - J1	Station #:	206265
Sampler:	Tom P	Date:	4-15-99
Well I.D.:	MW15	Well Diameter:	2 3 (4) 6 8
Total Well Depth:	7.20	Depth to Water:	5.75
Depth to Free Product:		Thickness of Free Product (feet):	
Referenced to:	(PVC)	Grade	D.O. Meter (if req'd): YSI HACH

<u>Well Diameter</u>	<u>Multiplier</u>	<u>Well Diameter</u>	<u>Multiplier</u>
2"	0.16	5"	1.02
3"	0.37	6"	1.47
4"	0.65	Other	$\text{radius}^2 * 0.163$

Purge Method: Bailer  
 Disposable Bailer  
 Middleburg  
 Electric Submersible  
 Extraction Pump  
 Other: \_\_\_\_\_

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

$$\frac{.9}{\text{1 Case Volume (Gals.)}} \times \frac{3}{\text{Specified Volumes}} = \frac{2.8}{\text{Calculated Volume}} \text{ Gals.}$$

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
* Grab sampled *					well is full of dirt
					filled 3/4s
					well does recharge somewhat

Did well dewater? Yes No Gallons actually evacuated:

Sampling Time: 1500 Sampling Date: 4-15-99

Sample I.D.: MW15 Laboratory: Sequoia CORE N. Creek Assoc. Labs

Analyzed for: TPH-G BTEX MTBE TPH-D Other: 8010

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 #:	990415 - J1		Station #:	206265						
Sampler:	Tom P		Date:	4-15-99						
Well I.D.:	MW17		Well Diameter:	2	3	4	6	8	_____	
Total Well Depth:			Depth to Water:							
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 <sup>2</sup> * 0.163

Purge Method: Bailer  
 Disposable Bailer  
 Middleburg  
 Electric Submersible  
 Extraction Pump  
 Other: \_\_\_\_\_

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

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

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
Well	Inaccessible				Car parked over it

Did well dewater? Yes No Gallons actually evacuated:

Sampling Time: Sampling Date:

Sample I.D.: MW17 Laboratory: Sequoia CORE N. Creek Assoc. Labs

Analyzed for: TPH-G BTEX MTBE TPH-D Other: 8010

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 #:	990415 - J1		Station #:	206265	
Sampler:	Tom P		Date:	4-15-99	
Well I.D.:	MW18		Well Diameter:	(2) 3 4 6 8	
Total Well Depth:	10.65		Depth to Water:	4.75	
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 <sup>2</sup> * 0.163

Purge Method: Baile  Disposable Baile  Middleburg  Electric Submersible  Extraction Pump  
 Other: \_\_\_\_\_

Sampling Method: Baile  Disposable Baile  Extraction Port  
 Other: \_\_\_\_\_

$$\frac{.9}{\text{1 Case Volume (Gals.)}} \times \frac{3}{\text{Specified Volumes}} = \frac{2.8}{\text{Calculated Volume}} \text{ Gals.}$$

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
1156	62.2		440	1	
1158	59.4		470	2	
1200	59.2		470	3	

Did well dewater? Yes  No Gallons actually evacuated: 3

Sampling Time: 1206 Sampling Date: 4-15-99

Sample I.D.: MW18 Laboratory: Sequoia CORE N. Creek Assoc. Labs

Analyzed for: TPH-G BTEX MTBE TPH-D Other: 8010

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 #:	990415 - J1	Station #:	206265
Sampler:	Ton P	Date:	4-15-99
Well I.D.:	MW19A	Well Diameter:	2 3 4 6 8
Total Well Depth:		Depth to Water:	
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 <sup>2</sup> * 0.163

Purge Method: Bailer  
 Disposable Bailer  
 Middleburg  
 Electric Submersible  
 Extraction Pump  
 Other: \_\_\_\_\_

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

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

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
					Well inaccessible - car parked over it

Did well dewater? Yes No Gallons actually evacuated:

Sampling Time: Sampling Date:

Sample I.D.: MW19A Laboratory: Sequoia CORE N. Creek Assoc. Labs

Analyzed for: TPH-G BTEX MTBE TPH-D Other: 8010

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